

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

-
- (51) Not classified / non classée
(11) **WO 2004/043129** (13) A2
(21) PCT/US2003/034585
(22) **30 Oct/oct 2003 (30.10.2003)**
(25) en (26) en
(30) 60/423,904 **5 Nov/nov 2002 (05.11.2002)** US
(30) 10/379,611 **5 Mar/mar 2003 (05.03.2003)** US
(43) 27 May/mai 2004 (27.05.2004)
(54) • METHOD AND SYSTEM FOR EXTENDING THE REACH OF A DATA COMMUNICATION CHANNEL USING A FLOW CONTROL INTERCEPTION DEVICE
• PROCEDE ET SYSTEME PERMETTANT D'AUGMENTER LA PORTEE D'UN CANAL DE COMMUNICATION DE DONNEES AU MOYEN D'UN DISPOSITIF D'INTERCEPTION DE COMMANDE DE DEBIT
(71) **NORTEL NETWORKS LIMITED** [US/CA]; 2351 Boulevard Alfred-Nobel, St. Laurent, Québec H4S 2A9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MILLER, Pierre** [CA/CA]; 46, rue de l'Apogee, Hull, Québec J9A 2W3 (CA).
MARCHAND, Bernard [CA/CA]; 16, rue Lavergne, Cantley, Québec J8V 3P4 (CA).
LECLAIR, Marc [CA/CA]; 79, rue de Roquebrune, Gatineau, Québec J8T 7Y5 (CA).
(74) **GUERIN, William**; Guerin & Rodriguez, LLP, 5 Mount ROyal Avenue, Marlborough, MA 01752 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51) Not classified / non classée
(11) **WO 2004/043131** (13) A2
(21) PCT/US2003/035288
(22) **5 Nov/nov 2003 (05.11.2003)**
(25) en (26) en
(30) 10/288,988 **6 Nov/nov 2002 (06.11.2002)** US
(43) 27 May/mai 2004 (27.05.2004)
(54) • FLEXIBLE PACKAGING
• EMBALLAGE SOUPLE
(71) **LANCER PARTNERSHIP, LTD.** [US/US]; 6655 Lancer Boulevard, San Antonio, TX 78219 (US).
(72) **SCHROEDER, Alfred, A.**; 2811 Whisper Fawn, San Antonio, TX 78230 (US).
BOSKO, Robert, S.; 3010 James Lovell Drive, San Antonio, TX 78219 (US).
(74) **MAKAY, Christopher, L.**; 1634 Milam Building, 115 East Travis Street, San Antonio, TX 78205-1763 (US).
(81) AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR DM DZ EC GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LV MA MD MG MK MN
-
- MW MX MZ NO NZ OM PH PL RO RU SC SD SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **A01B**
(11) **WO 2004/043132** (13) A2
(21) PCT/US2003/035840
(22) **12 Nov/nov 2003 (12.11.2003)**
(25) en (26) en
(30) 60/425,375 **12 Nov/nov 2002 (12.11.2002)** US
(43) 27 May/mai 2004 (27.05.2004)
(54) • WALK AERATOR WITH GROUND FOLLOWING CORING HEAD, INBOARD WHEELS, ASSEMBLED MULTI-PART CRANKSHAFT, INTEGRAL CORE DEFLECTORS, AND SHORTENED CORING HEAD DEPTH
• AERATEUR A CONDUCTEUR A PIED COMPRENANT UNE TETE DE CAROTTAGE SUIVANT LE SOL, DES ROUES INTERIEURES, UN VILEBREQUIN A PARTIES MULTIPLES ASSEMBLE, DES DEFLECTEURS DE CAROTTES SOLIDAIRES ET UNE PROFONDEUR DE TETE DE CAROTTAGE RACCOURCIE
(71) **THE TORO COMPANY** [US/US]; 8111 Lyndale Ave. So., Bloomington, MN 55420-1196 (US).
(72) **PETERSEN, Walter, J.**; 12040 Jasper Lane, Eden Prairie, MN 55347 (US).
GUST, Jackie, R.; 29770 Hayes Ave., Northfield, MN 55057 (US).
GILBERG, Michael, J.; 2298 Copperfield Dr., Mendota Heights, MN 55120 (US).
POMERENING, Gerald, J.; 20591 Akin Road, Farmington, MN 55024 (US).
(74) **MILLER, James, W.**; Suite 1005, Foshay Tower, 821 Marquette Avenue, Minneapolis, MN 55402 (US).
(81) AU CA.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **A01B 33/14**
(11) **WO 2004/043133** (13) A1
(21) PCT/GB2003/004899
(22) **11 Nov/nov 2003 (11.11.2003)**
(25) en (26) en
(30) 0226555.1 **12 Nov/nov 2002 (12.11.2002)** GB
(43) 27 May/mai 2004 (27.05.2004)
-
- (51) Not classified / non classée
(11) **WO 2004/043130** (13) A2
(21) PCT/US2003/035287
(22) **4 Nov/nov 2003 (04.11.2003)**
(25) en (26) en

- (54) • POWER HARROW TINE
• DENT DE HERSE ALTERNATIVE
- (71) KVERNELAND ASA [NO/NO]; N-4344 Kverneland (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SKJAEVELAND, Magne [NO/NO]; N-4344 Kverneland (NO).
- (74) ORR, William, McLean; Urquart-Dykes & Lord, Tower North Central, Merrion Way, Leeds LS2 8PA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ A01C 11/00, 11/02
- (11) WO 2004/043134 (13) A1
- (21) PCT/IT2003/000482
- (22) 31 Jul/juil 2003 (31.07.2003)
- (25) en (26) en
- (30) CR2002A000024 14 Nov/nov 2002 IT (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A SEEDLING TRANSPLANTING UNIT WITH ROTARY DISTRIBUTOR FOR PLANTING SEEDLINGS ARRANGED IN TWO ROWS
• UNITE DE REPIQUAGE DE PLANTS MUNIE D'UN DISTRIBUTEUR ROTATIF POUR PLANTER DES PLANTS DISPOSES EN DEUX RANGEES
- (71) FERRARI COSTRUZIONI MECCANICHE S.N.C. [IT/IT]; Via Valletta 1a, I-46040 Guidizzolo, Mantova (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FERRARI, Francesco [IT/IT]; Via Valletta 1a, I-46040 Guidizzolo, Mantova (IT).
- (74) MASCIOLI, Alessandro; Via Leonia, 26, I-00184 Roma (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01D 46/24, 46/26, 46/28

(11) WO 2004/043135 (13) A1

(21) PCT/HR2003/000010

(22) 10 Mar/mar 2003 (10.03.2003)

(25) en (26) en

(30) HR P20020898A 14 Nov/nov 2002 HR (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HARVESTER FOR HERBS AND AROMATIC FRUITS
• RECOLTEUSE POUR HERBES ET FRUITS AROMATIQUES

(71, 72) PERESA, Bartol [HR/HR]; 43. Istarske Divizije 5, HR-52100 Pula (HR).

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

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

(51)⁷ A01G

(11) WO 2004/043136 (13) A2

(21) PCT/US2003/035606

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/289,954 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SPRINKLING SYSTEM AND METHOD
• PROCEDE ET SYSTEME D'ARROSAGE

(71) L.R. NELSON CORPORATION [US/US]; One Sprinkler Lane, Peoria, IL 61615 (US).

(72) HEREN, Lawrence, P.; 125 Ottawa Court, East Peoria, IL 61611 (US). BREEDLOVE, Michael, Sr.; 10615 West Eddlemon, Hanna City, IL 615336 (US). JACOBS, Scott; 2230 W. Reservoir Boulevard, Peoria, IL 61615 (US).

(74) EVELEIGH, Douglas, M. et al. / etc.; Mayer Brown, Rowe & Maw, P.O. Box 2828, Chicago, IL 60690-2828 (US).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/02, B25G 1/10, B26B 13/12

(11) WO 2004/043137 (13) A1

(21) PCT/CH2003/000572

(22) 25 Aug/août 2003 (25.08.2003)

(25) de (26) de

(30) 1883/02 11 Nov/nov 2002 CH (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HANDLE
• POIGNEE

(71, 72) ALBER, Alfons [IT/IT]; Unterdorfer Weg 11, I-39010 Vöran (IT). KUHN, Günther, Thomas [CH/IT]; Grabmayrstrasse 25, I-39012 Meran (IT).

(74) LÜTOLF, Ann; Brunnadernstrasse 11, CH-3006 Bern (CH).

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

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

(51)⁷ A01J 25/06

(11) WO 2004/043138 (13) A1

(21) PCT/FI2003/000682

(22) 18 Sep/sep 2003 (18.09.2003)

(25) fi (26) en

(30) 20022013 11 Nov/nov 2002 FI (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS FOR WORKING CURD A CHEESE COOKING TANK
• APPAREIL DE TRAITEMENT DE CAILLE DANS UNE CUVE DE CUISSON DE FROMAGE

(71) MKT-FINLAND OY [FI/FI]; Emalikatu 10 B, FIN-04440 JÄRVENPÄÄ (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DIANOFF, Paavali [FI/FI]; Kallioruohontie 8, FIN-01300 VANTAA (FI).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A01K

(11) WO 2004/043139 (13) A2

(21) PCT/US2003/035043

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,022 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FEED SUITABLE FOR CULTURING ROTIFERS, LARVAL SHRIMP, AND MARINE FILTER FEEDERS

• NOURRITURE ADAPTEE POUR LA CULTURE DE ROTIFERES, DE LARVES DE CREVETTES ET D'AUTRES ORGANISMES FILTREURS MARINS

(71) ADVANCED BIONUTRITION CORP. [US/US]; 6430-C Dobbin Road, Columbia, MD 21045 (US).

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

(72, 75) HAREL, Moti [IL/US]; 2012 Masters Drive, Baltimore, MD 21209 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

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

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

(51)⁷ A01K

(11) WO 2004/043140 (13) A2

(21) PCT/US2003/035250

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,324 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NUTRACEUTICALS AND METHOD OF FEEDING AQUATIC ANIMALS

• NUTRACEUTIQUES ET PROCEDE D'ALIMENTATION D'ANIMAUX AQUATIQUES

(71) ADVANCED BIONUTRITION CORP. [US/US]; 6430-C Dobbin Road, Columbia, MD 21045 (US).

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

(72, 75) HAREL, Moti [IL/US]; 2012 Masters Drive, Baltimore, MD 21209 (US).

(74) GARRETT, Arthur, S.; Finnegan, Henderson, Farabow, Garrett & Dunner LLP, 1300 I Street, N.W., Washington, DC 20005-3315 (US).

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

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

(51)⁷ A01K

(11) WO 2004/043141 (13) A2

(21) PCT/US2003/035626

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,618 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL INHIBIN-RELATED MULTIPLE ANTIGENIC PEPTIDE COMPOSITIONS THAT ENHANCE PRODUCTION PERFORMANCE IN AVIANS

• NOUVELLES COMPOSITIONS CONTENANT DE MULTIPLES PEPTIDES ANTIGENIQUES ASSOCIES A L'INHIBINE, AUGMENTANT LE RENDEMENT DE LA PRODUCTION AVIAIRE

(71) AGRITECH TECHNOLOGY, LTD [US/US]; Two Hickory Plaza, 1750 Valley View Lane, Suite 110, Dallas, TX 75243 (US). THE BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE [US/US]; P.O. Box 25055, Baton Rouge, LA 70894-5055 (US).

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

(72, 75) CADD, Gary, G. [US/US]; 501 Turner Road, Apt. 1111, Grapevine, TX 76051 (US). SATTERLEE, Daniel, G. [US/US]; 18394 Greenbriar Street, Prairieville, LA 70769 (US). FIORETTI, William, C. [US/US]; 2224 Lakeridge Rd. Dr., Grapevine, TX 76051 (US).

(74) PRATT, John, S. et al. / etc.; Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530 (US).

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

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

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

(51)⁷ A01K 15/02

(11) WO 2004/043142 (13) A1

(21) PCT/US2003/027852

(22) 5 Sep/sep 2003 (05.09.2003)

(25) en (26) en

(30) 60/425,888 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TREAT RETAINING PET TOY TREATS THEREFOR

• JOUET POUR ANIMAL DE COMPAGNIE RETENANT DES FRIANDISES ET FRIANDISES CORRESPONDANTES

(71) PREMIER Pet PRODUCTS, LLC [US/US]; 406 Branch Way Road, Richmond, VA 23236 (US).

(only for / seulement pour US)

(72, 75) MANN, Charles, D. [US/US]; 2020 Big Oak Drive, Burnsville, MN 55337 (US).

(74) ANGUS, Robert, M. et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600, International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).

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

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

(51)⁷ A01K 97/04, A23K 1/18

(11) WO 2004/043143 (13) A1

(21) PCT/KR2003/002445

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10-2002-0070422 13 Nov/nov 2002 KR (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FISHING BAIT GENERATING BUBBLES

• APPAT DE PECHE PRODUISANT DES BULLES

(71, 72) **SONG, Ki-Jun** [KR/KR]; 221, TBI, Hoseo University, San 29-1, Sechul-ri, Baebang-myeon, Asan-si, 336-851 Chungcheongnam-do (KR).

(74) **LEE, Myoung-taek** et al. / etc.; C & L Patent Law Office, 4th Fl., Junyoung Bldg., 1603-7, Seocho-dong, Seocho-gu, Seoul 137-877 (KR).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A01M 31/00, 1/20

(11) WO 2004/043144 (13) A1

(21) PCT/EP2003/000348

(22) 15 Jan/jan 2003 (15.01.2003)

(25) en (26) en

(30) 10/292364 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TERMITE BAIT CARTRIDGE HAVING CHANNELING FEATURES

• CARTOUCHE D'APPAT POUR TERMITES PRESENTANT DES CARACTERISTIQUES DE CANALISATION

(71) **BASF CORPORATION** [US/US]; 3000 Continental Drive-North, Mount Olive, NJ 07828-1234 (US). **BASF AKTIENGESellschaft** [DE/DE]; 67056 Ludwigshafen (DE).

(72) **LASKEY, Justin**; 10311 Arrow Creek Dr, Apt 102, Raleigh, NC 27617 (US). **ALEX-IADES, Alec**; 108 Council Gap Ct, Cary, NC 27513 (US). **O BYRNE, Daniel**; 1143 Capitata Crossing, Apex, NC 27502 (US). **KLEIN, Clark, D.**; 96 Double Oak Drive, Pittsboro, NC 27312 (US). **DAVIES, David, M.**; 630 Freedom Business Center, King of Prussia, PA 19406 (US).

(74) **WERNER, Frank** et al. / etc.; c/o BASF Aktiengesellschaft, 67056 Ludwigshafen (DE).

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

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

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043145 (13) A2

(21) PCT/US2003/035299

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,298 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUXIN-REPRESSED, DORMANCY-ASSOCIATED PROMOTER AND USES THEREOF

• PROMOTEUR ASSOCIE A LA DORMANCE, REPRIME PAR L'AUXINE ET SES UTILISATIONS

(71) **PIONEER HI-BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50309 (US).

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

(72, 75) **HABBEN, Jeffrey** [US/US]; 8813 Sunflower Circle, Urbandale, IA 50322 (US). **JIAO, Shuping** [CN/US]; 5338 N.W. 88th Ct., Johnston, IA 50131 (US).

(74) **VARLEY, Karen** et al. / etc.; Pioneer Hi-Bred International, Inc., 7100 N.W. 62nd Avenue, Darwin Building, Johnston, IA 50131 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A01N

(11) WO 2004/043146 (13) A2

(21) PCT/US2003/036650

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,410 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION AND METHOD FOR MAMMARY DISINFECTION DURING WINTER CONDITIONS

• COMPOSITION ET METHODE DE DESINFECTION MAMMAIRE POUR CONDITIONS HIVERNALES

(71) **WEST AGRO INC.** [US/US]; 111100 North Congress Avenue, Kansas City, MO 64153 (US).

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

(72, 75) **FORET, Chris** [US/US]; 4315 W. 54th Street, Shawnee Mission, KS 66205 (US).

(74) **SKOCH, Gregory, J.**; Hovey Williams LLP, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 25/12, 25/26, 59/20, C09D 5/16

(11) WO 2004/043147 (13) A1

(21) PCT/NO2002/000419

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • GRANULATED CUPROUS OXIDE FOR ANTIFOULING COATINGS

• OXYDE CUIVREUX GRANULAIRE POUR REVETEMENT ANTISALISURES

(71) **NORDOX INDUSTRIER AS** [NO/NO]; P.O.Box 6639, Etterstad, N-0607 Oslo (NO). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOMASGAARD, Lars** [NO/NO]; Tranga 4B, N-1440 Drøbak (NO). **RINGSETH, Jarle** [NO/NO]; Linderudgrenda 29, N-1353 Bærum Verk (NO). **BERGKVIST, Anders** [NO/NO]; Seilduksgate 22, N-0553 Oslo (NO).

(74) **BRYN AARFLOT AS**; P.O. Box 449, Sentrum, N-0104 Oslo (NO).

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

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

(51)⁷ A01N 43/42, 59/20, 25/00

(11) WO 2004/043148 (13) A1

(21) PCT/NZ2003/000252

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 522579 12 Nov/nov 2002 NZ (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS OF TREATING SUBSTRATES AND COMPOSITIONS THEREFOR

• PROCÉDES DE TRAITEMENT DE SUBSTRATS ET COMPOSITIONS ASSOCIÉES

(71) MATTERSMITHS HOLDINGS LIMITED [NZ/NZ]; 35 Renoir Street, West Harbour, Auckland (NZ).

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

(72, 75) MAYNARD, Nigel, Paul [NZ/NZ]; 35 Renoir Street, West Harbour, Auckland (NZ). BERGERVOET, Anthony, John [NZ/NZ]; 28 Smalley Road, Waiuku, Auckland (NZ).

(74) ROWLAND, Shelley; BALDWIN SHELSTON WATERS, PO Box 5999, Wellesley Street, 1000 Auckland (NZ).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 37/34, 43/54, 43/653

(11) WO 2004/043149 (13) A1

(21) PCT/JP2003/014346

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-327898 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BACTERICIDE COMPOSITION FOR AGRICULTURAL OR HORTICULTURAL USE AND METHOD OF ENHANCING BACTERICIDAL ACTIVITY OF AGRICULTURAL OR HORTICULTURAL BACTERICIDE

• COMPOSITION BACTERICIDE POUR UTILISATION AGRICOLE OU HORTICOLE ET PROCÉDE DE RENFORCEMENT DE L'ACTIVITE BACTERICIDE D'UN PRODUIT BACTERICIDE AGRICOLE OU HORTICOLE

(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) GOTODA, Satoshi [JP/JP]; c/o Naruto Research Center of, OTSUKA CHEMICAL CO., LTD., 615, Aza Hanamen, Satoura, Satoura-cho, Naruto-shi, Tokushima 772-0021 (JP). KOMURA, Tomozo [JP/JP]; c/o Naruto Research Center of, OTSUKA CHEMICAL CO., LTD., 615, Aza Hanamen, Satoura, Satoura-cho, Naruto-shi, Tokushima 772-0021 (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 KE KG 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 A01N 57/20, 47/24 // (A01N 57/20, 47:24)

(11) WO 2004/043150 (13) A1

(21) PCT/EP2003/012483

(22) 8 Nov/nov 2003 (08.11.2003)

(25) de (26) de

(30) 102 52 881 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR YIELD IMPROVEMENT IN GLYPHOSATE-RESISTANT LEGUMES

• PROCÉDE PERMETTANT D'AUGMENTER LE RENDEMENT DE LEGUMINEUSES RESISTANT AU GLYPHOSATE

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) OAKLEY, Peter [US/DE]; Karolinenstr. 89, 67434 Neustadt (DE). FREUND, Annette [DE/DE]; Römerweg 17c, 67117 Limburgerhof (DE). SCHELBERGER, Klaus [AT/DE]; Traminerweg 2, 67161 Gönheim (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 NI NO NZ OM PG PH PL PT RO RU SC 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)

(51)⁷ A21B 3/18

(11) WO 2004/043151 (13) A1

(21) PCT/NL2003/000795

(22) 12 Nov/nov 2003 (12.11.2003)

(25) nl (26) en

(30) 1021914 13 Nov/nov 2002 NL (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR REMOVING BAKERY PRODUCTS FROM CONTAINERS

• DISPOSITIF PERMETTANT DE RETIRER DES PRODUITS DE BOULANGERIE CONTENUS DANS DES RECEPTACLES

(71) KAAK, Johan, Hendrik, Bernard [NL/NL]; Rijksweg 273, NL-7011 DZ Gaanderen (NL).

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

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

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

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

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

(51)⁷ A21C 11/16

(11) WO 2004/043152 (13) A1

(21) PCT/UA2003/000044

(22) 5 Nov/nov 2003 (05.11.2003)

(25) ru (26) ru

(30) 2002119052 14 Nov/nov 2002 UA (14.11.2002)

(30) 2003065537 13 Jun/juin 2003 UA (13.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR EQUALISING THE LENGTH OF PRODUCTS ACCORDING TO A PASTE EXTRUDER DIE AND A DIE FOR CARRYING OUT SAID METHOD

• PROCÉDE D'EGALISATION DE LA LONGUEUR DE PRODUITS EN FONCTION D'UN MOULE D'UNE PRESSE A PATES ET MOULE PERMETTANT D'APPLIQUER CE PROCÉDE

(71, 72) YAVORSKY, Vladimir Vladimirovich [UA/UA]; Kvartal Dzerzhinskogo, 16-22, Lugansk, 91042 (UA). POLYANSKY, Vladimir Ivanovich [UA/UA]; ul. Druzhby Narodov, 271-66, Kharkov, 61195 (UA). ALESHIN, Aleksey Vladimirovich [UA/UA]; pr. Zhukovskogo, 3-43, Kharkov, 61085 (UA).

(74) VULIKH, Alexander Naumovich; ul. Darwin, 16-41, Kharkov, 61002 (UA).

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

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 A21D 2/24, 2/26, A23L 1/227, 1/23

(11) WO 2004/043153 (13) A1

(21) PCT/BE2003/000197

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 60/426,289 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • FORMULATION FOR ENHANCING
THE FLAVOUR METABOLISM OF
YEAST AND BACTERIA IN SPONGE
DOUGH BREW AND SOURDOUGH
FERMENTATION SYSTEMS

- FORMULATION DESTINEE A AME-
LIORER LE METABOLISME DES
SAVEURS DE LA LEVURE ET DES
BACTERIES DANS LES SYSTEMES
DE FERMENTATION A LEVAIN-LE-
VURE, A BRASSIN ET A LEVAIN

- (71) PURATOS NAAMLOZE VEN-
NOOTSCHAP [BE/BE]; Industrialaan
25, B-1702 GROOT-BIJGAARDEN (BE).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) CAPELLE, Stefan [BE/BE]; Industri-
alaan 25, B-1702 GROOT-BIJGAARDEN
(BE).

- (74) VAN MALDEREN, Joëlle et al. / etc.; Of-
fice Van Malderen, Place Reine Fabiola 6/1,
B-1083 BRUSSELS (BE).

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

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 13/00, A23L 1/10

(11) WO 2004/043154 (13) A1

(21) PCT/US2002/036474

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SQUARE BOTTOM TACO SHELL

- COQUILLE A TACO A FOND CARRE

- (71) THE PILLSBURY COMPANY [US/US];
c/o General Mills, Inc., MGO-3SE, P.O. Box
1113, Minneapolis, MN 55440 (US).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) KOVICH, Nicholas, Daniel [US/US];
3321 McKinley Street North East, Minneapo-
lis, MN 55418 (US). RICHARDS, Anthony,
W. [US/US]; 4878 South Jackson Road,
Poplar, WI 54864 (US).

- (74) O'TOOLE, John, A. et al. / etc.; General
Mills, Inc., MGO-4SE, P.O. Box 1113, Min-
neapolis, MN 55440 (US).

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations
(u) for / pour US only / seulement

(51)⁷ A22C 13/00, C08K 5/09

(11) WO 2004/043155 (13) A2

(21) PCT/US2003/036165

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,604 12 Nov/nov 2002 US
(12.11.2002)

(30) 10/704,935 11 Nov/nov 2003 US
(11.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MOISTURE AND GAS PERMEABLE
NON-POROUS IONOMERIC FILMS

- FILMS IONOMERIQUES NON PO-
REUX PERMEABLES AU GAZ ET A
L'HUMIDITE

- (71) E.I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).

- (72) CHEN, John, Chu; 21 Kent Drive,
Hockessin, DE 19707 (US). LEE, I-Hwa;
4407 Tennyson Road, Wilmington, DE 19802
(US).

- (74) DOBSON, Kevin, S.; E.I. DUPONT DE
NEMOURS AND COMPANY, LEGAL
PATENT RECORDS CENTER, 4417 Lan-
caster Pike, WILMINGTON, DE 19805
(US).

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

(11) WO 2004/043156 (13) A2

(21) PCT/US2003/036166

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,604 12 Nov/nov 2002 US
(12.11.2002)

(30) UNKN 11 Nov/nov 2003 US
(11.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • FILMS COMPRISING A LIQUID-AB-
SORBANT INNER LAYER AND AN
IMPERMEABLE OUTER LAYER

- FILMS COMPRENANT UNE COUCHE
INTERIEURE ABSORBANT LES LI-
QUIDES ET UNE COUCHE EXTE-
RIEURE IMPERMEABLE

- (71) E.I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).

- (72) LEE, I-Hwa; 4407 Tennyson Road, Wilm-
ington, DE 19802 (US). MCKENNA, James,
Michael; 28 Raphael Road, Hockessin, DE
19707 (US). NARUMANCHI, Raghuram;
184 Leonard Woods #208, Highland Park, IL
60035 (US).

- (74) DOBSON, Kevin, S.; E.I. Dupont De
Nemours and Company, Legal Patent Records
Center, 4417 Lancaster Pike, Wilmington,
DE 19805 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 A23C 11/10

(11) WO 2004/043157 (13) A1

(21) PCT/AT2003/000343

(22) 14 Nov/nov 2003 (14.11.2003)

(25) de (26) de

(30) A 1720/2002 14 Nov/nov 2002 AT
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR PRODUCING HEMP
MILK

• PROCEDE POUR PRODUIRE DU LAIT
DE CHANVRE

(71) **ATB & G, FRENKENBERGER CONSULTING-TRADING GMBH** [AT/AT]; Petersbergstrasse 6, A-5300 Hallwang (AT).
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(72, 75) **BERGHOFER, Emmerich** [AT/AT]; Guggenbergerstrasse 14, A-3021 Pressbaum (AT). **PÖLLMANN, Klaus** [AT/AT]; Leumühle 3, A-4070 Eferding (AT). **TRABY, Martina** [AT/AT]; Christophgasse 3/3, A-1050 Wien (AT). **FRENKENBERGER, Christian** [AT/AT]; Zweigstrasse 5, A-5300 Hallwang (AT).

(74) **WILDHACK, Helmut et al.** / etc.; **WILDHACK-JELLINEK, Landstrasser Hauptstrasse 50, A-1030 Wien (AT).**

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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 **A23G**

(11) **WO 2004/043158** (13) **A2**

(21) PCT/US2003/035940

(22) **8 Nov/nov 2003 (08.11.2003)**

(25) en (26) en

(30) 60/425,065 **9 Nov/nov 2002** US
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INFORMATION MEDIA HOLDER ASSEMBLY

• ENSEMBLE PORTE-SUPPORTS D'INFORMATION MULTIMEDIA

(71, 72) **JOHNSON, Richard** [—/US]; 3908 Del Mar Glen, San Diego, CA 92130 (US).

(74) **BURKHART, Patrick, N.**; Burkhardt & Burkhardt, P.O. Box 1823, Whitefish, MT 59937 (US).

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

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

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

(51)⁷ **A23J 1/00, 1/10, A23K 1/10, 1/14**

(11) **WO 2004/043159** (13) **A1**

(21) PCT/US2003/035993

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/424,668 **7 Nov/nov 2002** US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR SOLUBILIZING PROTEIN

• PROCEDE DE SOLUBILISATION DE PROTEINE

(71) **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; Technology Licensing Office, 3369 TAMU, College Station, TX 77843-3369 (US).

(72) **HOLTZAPPLE, Mark**; 1805 Southwood Drive, College Station, TX 77840 (US). **DAVISON, Richard**; 303 Crescent Drive, Bryan, TX 77801 (US). **COWARD-KELLY, Guillermo**; 4301 Parkton Street, Apartment B, Baltimore, MD 21229 (US).

(74) **WILLIAMS, Bradley, P.**; Baker Botts L.L.P., 2001 Ross Avenue, 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 UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ **A23J 3/16**

(11) **WO 2004/043160** (13) **A1**

(21) PCT/JP2003/013585

(22) **23 Oct/oct 2003 (23.10.2003)**

(25) ja (26) ja

(30) 2002-328243 **12 Nov/nov 2002** JP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FRACTIONATED SOYBEAN PROTEIN AND PROCESS FOR PRODUCING THE SAME

• PROTEINE DE SOJA FRACTIONNE ET PROCEDE DE PRODUCTION DE CELLE-CI

(71) **FUJI OIL COMPANY, LIMITED** [JP/JP]; 1-5, Nishishinsaibashi 2-chome, Chuo-ku, Osaka-shi, Osaka 542-0086 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISHIKAWA, Masahiro** [JP/JP]; c/o Fuji Oil Company, Limited, Hannan Factory,

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A23K 1/00, 1/14**

(11) **WO 2004/043161** (13) **A1**

(21) PCT/IB2003/005126

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 2002/9250 **14 Nov/nov 2002** ZA
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A MIXED ANIMAL FEED

• ALIMENTS MELANGES POUR ANIMAUX

(71) **HOWARD, Aubrey** [ZA/ZA]; G1 Hopeville Street, Gardens, Cape Town, 8001 Western Cape Province (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DICKS, Leon, Milner, Theodore** [ZA/ZA]; 9 Lower Avenue, Dalsig, Stellenbosch, 7600 Western Cape Province (ZA).

(74) **VON SEIDEL, Michael**; Jan S de Villiers, P O Box 1008, Stellenbosch, 7599 Western Cape Province (ZA).

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

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

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(51)⁷ **A23L**

(11) **WO 2004/043162** (13) **A2**

(21) PCT/US2003/035933

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,679 **12 Nov/nov 2002** US
(12.11.2002)

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • APPLICATION SYSTEM WITH RECYCLE AND RELATED USE OF ANTIMICROBIAL QUATERNARY AMMONIUM COMPOUND
- SYSTEME D'APPLICATION A RECYCLAGE ET UTILISATION ASSOCIEE D'UN COMPOSE D'AMMONIUM QUATERNAIRE ANTIMICROBIEN
- (71) **SAFE FOODS CORPORATION** [US/US]; 4801 North Shore Drive, North Little Rock, AR 72118 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOLEN, Gary** [US/US]; 2885 N. Brookbury Crossing, Fayetteville, AR 72703 (US). **BEERS, Kelly** [US/US]; 1388 Briarcliff St., Fayetteville, AR 72703 (US). **RHEINGANS, Joe** [US/US]; 401 Buttry Road, Rogers, AR 72756 (US).
- (74) **ROGERS, Mark**; Speed & Rogers, P.A., 1701 Centerview, Suite 125, Little Rock, AR 72211 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A23L**
- (11) **WO 2004/043164** (13) A2
- (21) PCT/US2003/036546
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) en (26) en
- (30) 10/294,057 **13 Nov/nov 2002 US (13.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • EXTRUDED FOODSTUFFS HAVING MAINTENANCE LEVEL ACTIVES
- ALIMENTS EXTRUDES CONTENANT DES MATIERES ACTIVES A DES TAUX D'ENTRETIEN
- (71) **RUBICON SCIENTIFIC LLC** [US/US]; P.O. Box 100, Sabetha, KS 66534 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUBER, Gordon, R.** [US/US]; R.R. 3, Box 170C, Sabetha, KS 66534 (US). **Jones, David, R.** [US/US]; 215 Seminole Avenue, Palm Beach, FL 33480 (US). **KUENZL, John, C.** [US/US]; Rt. 1, Bern, KS 66048 (US). **KUENZL, Kevin, D.** [US/US]; 111 E. Bridge Street, Perry, KS 66073 (US). **CABRERA, Francisco, A.** [US/US]; 9953 Marty, Overland Park, KS 66212 (US).
- (74) **TRUITT, Tracey, S.**; Hovey Williams LLP, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A23L**
- (11) **WO 2004/043163** (13) A2
- (21) PCT/US2003/036058
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 60/425,426 **12 Nov/nov 2002 US (12.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PROCESS FOR EXTRACTING CAROTENOIDS FROM FRUIT AND VEGETABLE PROCESSING WASTE
- PROCEDE D'EXTRACTION DE CAROTENOIDES A PARTIR DE DECHETS DE TRAITEMENT DE FRUITS ET DE LEGUMES
- (71) **WATER SOLUTIONS, INC.** [US/US]; 3401 West 41st Street, Sioux Falls, SD 57106 (US).
- (72) **ALLEN, Stephen, Donald**; 2803 Heather Place, Boise, ID 83702 (US). **RUSNACK, Michael, Richard**; 9833 West Lanktree Gulch Road, Star, ID 83669 (US).
- (74) **BUFALINO, Angelo, J.**; Vedder Price Kaufman & Kammholz, 222 N. LaSalle Street, Chicago, IL 60601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
- MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A23L 1/00, 1/22, A23P 1/04, 1/08, A61K 9/00**
- (11) **WO 2004/043165** (13) A1
- (21) PCT/CH2003/000739
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 60/426,442 **14 Nov/nov 2002 US (14.11.2002)**
- (30) 0301537.7 **23 Jan/jan 2003 GB (23.01.2003)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • EDIBLE FILM CONTAINING FOOD ACID
- FILM COMESTIBLE CONTENANT UN ACIDE NUTRITIF
- (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) **VIRGALLITO, Margaret, T.** [US/US]; 1622 Beaverbrook Drive, Dayton, OH 45432 (US). **ZHANG, Jing** [CN/US]; 2028 Stratford Court, Loveland, OH 45140 (US).
- (74) **McSTEAN, John, Anthony**; Givaudan Schweiz AG, Global Patents, Überlandstrasse 138, CH-8600 Dübendorf (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A23L 1/00, 1/09, A61K 9/16**
- (11) **WO 2004/043166** (13) A1
- (21) PCT/FR2003/003156
- (22) **24 Oct/oct 2003 (24.10.2003)**
- (25) fr (26) fr
- (30) 02/13868 **6 Nov/nov 2002 FR (06.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • USE OF BRANCHED MALTO-DEXTRINS AS GRANULATION BINDERS
- UTILISATION DE MALTODEXTRINES BRANCHEES COMME LIANTS DE GRANULATION
- (71) **ROQUETTE FRERES** [FR/FR]; F-62136 Lestrem (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SERPELLONI, Michel** [FR/FR]; 155, route Nationale, F-62660 Beuvry-les-Béthune (FR).
- (74) **BOULINGUIEZ, Didier et al.** / etc.; Cabinet Plasseaud, 65/67 rue de la Victoire, F-75440 Paris Cedex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23L 1/20, A23C 11/10

(11) WO 2004/043167 (13) A1

(21) PCT/JP2003/013878

(22) 29 Oct/oct 2003 (29.10.2003)

(25) ja (26) ja

(30) 2002-316821 30 Oct/oct 2002 JP
(30.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR PRODUCING SOY-BEAN POWDER AND PROCESS FOR PRODUCING SOYBEAN MILK

• PROCEDE DE PRODUCTION DE POUDRE DE SOJA ET PROCEDE DE PRODUCTION DE LAIT DE SOJA

(71) SAFE-TECH INTERNATIONAL KABUSHIKI KAISHA [JP/JP]; 399-1, Sekiguchi, Atsugi-shi, Kanagawa 243-00804 (JP).

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

(72, 75) HAGIWARA, Miyuki [JP/JP]; Prior Hayamanomori 709, 75-1, Horiuchi, Hayama-cho, Miura-gun, Kanagawa 240-0112 (JP). SHIBATA, Yasufumi [JP/JP]; 4747, Izumi-cho, Izumi-ku, Yokohama-shi, Kanagawa 245-0016 (JP).

(74) HOSHINO, Hiroshi; 1F, Dai-2-Sudo Bldg., 12-13, Minamimoto-machi, Shinjuku-ku, Tokyo 160-0012 (JP).

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

(51)⁷ A23L 1/221, B01D 11/04

(11) WO 2004/043168 (13) A1

(21) PCT/EP2003/012466

(22) 7 Nov/nov 2003 (07.11.2003)

(25) de (26) de

(30) 102 52 168.9 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR THE SELECTIVE SEPARATION OF VOLATILE FLAVORINGS FROM MONOPHASE, (SEMI)LIQUID STARTING MATERIALS HAVING A FAT CONTENT AND/OR OIL CONTENT OF = 20 PERCENT BY WEIGHT

• PROCEDE DE SEPARATION SELECTIVE D'AROMES VOLATILS A PARTIR DE MATIERES DE DEPART MONOPHASES (SEMI-)LIQUIDES AYANT UNE TENEUR EN GRAISSE ET/OU HUILE = 20 % EN POIDS

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

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

(72, 75) WIESMÜLLER, Johann [DE/DE]; Bajuwarenstrasse 18, 84518 Garching (DE). SCHÜTZ, Erwin [DE/DE]; Drosselweg 2, 83308 Trostberg (DE). ZOBEL, Rudolf [DE/DE]; An den Weiden 4, 97348 Willanzheim (DE).

(74) WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (DE).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23L 1/221, 1/226, A61K 7/16

(11) WO 2004/043169 (13) A1

(21) PCT/GB2003/004838

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0226490.1 14 Nov/nov 2002 GB
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLAVOUR COMPOSITIONS

• COMPOSITIONS AROMATIQUES

(71) QUEST INTERNATIONAL B.V. [NL/NL]; Huizerstraatweg 28, NL-1411 GP Naarden (NL).

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

(72, 75) HAINES, Jan, Thomas [GB/GB]; 6 Eggring Singleton, Ashford, Kent TN23 4XT (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A23L 1/30

(11) WO 2004/043170 (13) A1

(21) PCT/KR2003/002418

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 10-2002-0069523 11 Nov/nov 2002 KR
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF LOWER ALCOHOL-INSOLUBLE EXTRACT OF HOVENIA DULCIS THUNB AND POLYSACCHARIDE ISOLATED THEREFROM FOR RELIEVING FATIGUE OR ENHANCING EXERCISING ABILITY

• UTILISATION D'EXTRAIT D'Hovenia dulcis thunb insoluble dans un alcool inférieur et d'un polysaccharide isolé de l'extrait pour soulager la fatigue ou renforcer la capacité d'endurance

(71) LIFETREE BIOTECH CO., LTD. [KR/KR]; #44-3, Omokchun-dong, Kwon-sun-gu, 441-350 Suwon-si, Kyungki-do (KR).

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

(72, 75) NA, Chun-Soo [KR/KR]; Daewoo Apt. 124-801, Hwaseo-dong, Jangn-gu, 440-150 Suwon-si, Kyungki-do (KR). JUNG, Nam-Chul [KR/KR]; Dongnam Apt. 107-1102, #151, Pyung-dong, Kwonsun-gu, 441-230 Suwon-si, Kyungki-do (KR).

(74) JANG, Seongku et al. / etc.; 19th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, 137-130 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP 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 A23L 2/46, 2/56, 2/44

(11) WO 2004/043171 (13) A1

(21) PCT/US2003/034355

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/288,046 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IN-LINE AND IN-CONTAINER FLAVOR/ADDITIVE DOSING METHOD

AND SYSTEM FOR BEVERAGE MANUFACTURING

- PROCEDE ET SYSTEME DE DOSAGE D'AROMES/D'ADDITIFS EN LIGNE ET EN RECIPIENT DESTINES A LA FABRICATION DE BOISSONS

(71) **STOKLEY-VAN CAMP, INC.** [US/US]; Suite 11-12, 555 W. Monroe, Chicago, IL 60661 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RANIWALA, Subodh** [US/US]; 25796 North Arrowhead Drive, Mudelein, IL 60060 (US).

(74) **MEHLER, Raymond, M. et al.** / etc.; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd., 200 West Adams, Suite 2850, Chicago, IL 60606 (US).

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

Published / Publiée : (c)

(51)⁷ **A23N 7/02, 15/04, 15/06, 15/08**

(11) **WO 2004/043172** (13) A1

(21) PCT/KR2003/002353

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 10-2002-0070159 **12 Nov/nov 2002** KR
(12.11.2002)

(30) 20-2003-0010301 **4 Apr/avr 2003** KR
(04.04.2003)

(30) 20-2003-0017182 **2 Jun/juin 2003** KR
(02.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

- APPARATUS FOR PEELING OUTER SKINS OF GARLIC USING WET PROCESS
- APPAREIL D'EPLUCHAGE DES GOUSSES D'AIL PAR UN PROCEDE HUMIDE

(71, 72) **BAEK, Sung Gi** [KR/KR]; 479-35 Chimsan-dong, Buk-ku, Daegu-City 702-858 (KR).

(74) **LEE, So Nam**; Daegun Bldg., Room 403, 822-5 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU BA BB BG BR CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GH GM HR HU ID IL IN IS JP KE KZ

LC LK LR LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SE SG SK TJ TR TZ UG 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 **A24B 15/16, A24D 1/18**

(11) **WO 2004/043173** (13) A1

(21) PCT/EG2003/000006

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 1235 **12 Nov/nov 2002** EG
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- A NEW NATURAL BLEND FREE OF NICOTINE AND TAR

- NOUVEAU MELANGE NATUREL SANS NICOTINE NI GOUDRON

(71, 72) **EL-SHARKAWY, Nasr, Abdel-Salam, Aly** [EG/EG]; Villa Zozo, 34/10 St., Port Fouad, Port Said 42523 (EG).

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

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

Published / Publiée : (b)

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ **A24D 3/06**

(11) **WO 2004/043174** (13) A2

(21) PCT/EP2003/011493

(22) **16 Oct/oct 2003 (16.10.2003)**

(25) de (26) de

(30) 102 52 823.3 **13 Nov/nov 2002** DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- FILTER ELEMENT
- ELEMENT FILTRANT

(71) **BIOTEC BIOLOGISCHE NATURVERPACKUNGEN GMBH & CO. KG** [DE/DE]; Werner-Heisenberg-Str. 32, 46446 Emmerich (DE).

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

(72, 75) **SCHMIDT, Harald** [DE/DE]; Spillinger Weg 51, 46446 Emmerich (DE).

(74) **VOSSIUS & PARTNER**; Siebertstr. 4, 81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 1/22**

(11) **WO 2004/043175** (13) A1

(21) PCT/US2003/035616

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 10/290,402 **8 Nov/nov 2002** US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- ELECTRICALLY HEATED CIGARETTE SMOKING SYSTEM WITH INTERNAL MANIFOLDING FOR PUFF DETECTION

- SYSTEME POUR FUMER DES CIGARETTES, CHAUFFE ELECTRIQUEMENT, COMPRENANT UN COLLECTEUR INTERNE POUR LA DETECTION DE BOUFFEE

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

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

(72, 75) **FELTER, John, Louis** [US/US]; 14803 Loren Court, Chester, VA 23836 (US).
LEE, Robert, E. [US/US]; 11802 Prince Regent Place, Richmond, VA 23233 (US).
SOLANKY, Ashok [US/US]; 9105 Rouzie Court, Mechanicsville, VA 23116 (US).
BLAKE, Clint [US/US]; 9456 Ruffin Ridge Road, Mechanicsville, VA 23116 (US).
DAVIS, Pamela [US/US]; 616 Telegraph Woods Lane, Glen Allen, VA 23060 (US).
SHARPE, David, E. [US/US]; 6500 Glebe Point Road, Chesterfield, VA 23838 (US).
WATSON, Mark, E. [US/US]; 9161 Fernway Drive, Mechanicsville, VA 23116 (US).
RIPLEY, Robert, L. [US/US]; 2427 Manakintown Ferry Road, Midlothian, VA 23113 (US).
STEVENSON, Brett, W. [US/US]; 3938 Lake Hills Road, Richmond, VA 23234 (US).
CROWE, William, J. [US/US]; 1120 Chalkley Road, Chester, VA 23831 (US).

(74) **SKIFF, Peter, K. et al.** / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22314-1404 (US).

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

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

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A41B

(11) WO 2004/043176 (13) A2

(21) PCT/DE2003/003778

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 202 17 332.1 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SOCK

• CHAUSSETTE

(71) BRAND FACTORY SWISS GMBH [CH/CH]; Kantonstrasse 146, CH-8807 Freienbach (CH).

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

(72, 75) LAMBERTZ, Bodo, W. [DE/DE]; Unterer Ahleberweg 13, 58313 Herdecke (DE).

(74) DÖRNER & DÖRNER; Stresemannstrasse 15, 58095 Hagen (DE).

(81) AU CA CN JP PL RU US.

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

(51)⁷ A41B

(11) WO 2004/043177 (13) A2

(21) PCT/US2003/035056

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/289,491 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • UNDERGARMENT WITH POCKET

• SOUS-VETEMENT AVEC POCHE

(71, 72) THOMAS, Gwen, Vanessa [US/US]; 1398 N. W. 61st Street, Apt.9, Miami, FL 33142 (US).

(74) DOWNEY, Robert, M.; Robert M. Downey, P.A., 601 South Federal Hwy., Suite #300, Boca Raton, FL 33432 (US).

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

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG 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 A41B 13/00, A41D 13/12

(11) WO 2004/043178 (13) A1

(21) PCT/US2003/034573

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 10/288,142 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PREMATURE INFANT GOWN

• BLOUSE POUR ENFANT PREMATURE

(71, 72) HOPKINS, Rosetta, L. [US/US]; 601 East 32nd Street #200, Chicago, IL 60616 (US).

(74) MORNEAULT, Monique, A. et al. / etc.; Wallenstein Wagner & Rockey, LTD., 311 South Wacker Drive - 5300, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 A41D

(11) WO 2004/043179 (13) A2

(21) PCT/US2003/035653

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,652 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISPOSABLE GLOVES WITH AT LEAST ONE ALPHA HYDROXY ACID

• GANTS JETABLES COMPRENANT AU MOINS UN ACIDE ALPHA HYDROXY

(71) MEDLINE INDUSTRIES, INC. [US/US]; One Medline Place, Mundelein, IL 60060 (US).

(72) AMDUR, Samuel, III; 1008 Gracewood Drive, Libertyville, IL 60048 (US).

(74) RUDISILL, Stephen, G. et al. / etc.; Jenkins & Gilchrist, 225 West Washington Street, Suite 2600, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 13/005, F25D 9/00, A41D 31/00

(11) WO 2004/043180 (13) A1

(21) PCT/IT2002/000724

(22) 14 Nov/nov 2002 (14.11.2002)

(25) it (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • COOLING SYSTEM FOR GARMENTS

• SYSTEME DE REFROIDISSEMENT POUR VETEMENTS

(71) DORIMI S.R.L. [IT/IT]; Via Meucci, 24, I-20090 Buccinasco (IT).

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

(72, 75) DANTONE, Savino Luca [IT/IT]; Via Garibaldi, 13, I-20090 Buccinasco (IT). PISANI, Massimo [IT/IT]; Via Meucci, 24, I-20090 Buccinasco (IT).

(74) CRIPPA, Paolo, Ernesto et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 (IT).

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

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

(51)⁷ A41D 25/02, 25/04

(11) WO 2004/043181 (13) A1

(21) PCT/MX2003/000096

(22) 10 Nov/nov 2003 (10.11.2003)

(25) es (26) es

(30) YU/a/2002/00003 11 Nov/nov 2002 MX (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TIE FASTENING SYSTEM AND TIE

• SYSTEME DE SOUTIEN DE CRAVATE ET CRAVATE

(71, 72) VALES VILLAMIL, Jorge, Agustin [MX/MX]; Calle 26-B#156-C Privada Paraiso 2, Colonia Chubuna de Hidalgo, C.P. 97200 Mérida (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 PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (51)⁷ **A41G 3/00**
- (11) **WO 2004/043182** (13) A1
- (21) PCT/NL2003/000797
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) nl (26) en
- (30) 1021900 **12 Nov/nov 2002** NL
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **REUSABLE HAIR EXTENSION**
• **RALLONGE DE CHEVEUX REUTILI-
SABLE**
- (71) **EURO HAIR FASHION B.V.** [NL/NL]; 5,
Willemoordseweg, NL-2636 EA Schipluiden
(NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (71, 72) **GULIKER, Richard** [NL/NL]; 5 Wille-
moordseweg, NL-2636 EA Schipluiden (NL).
ARKESTEIJN, Walter [NL/NL]; 2 Doorn-
burg, NL-5653 KJ Eindhoven (NL).
- (74) **KLOOSTER, J., H.;** Muller & Eilbracht
B.V., P.O. Box 1080, NL-2260 BB Leid-
schendam (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

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- (51)⁷ **A43B 5/00**
- (11) **WO 2004/043183** (13) A1
- (21) PCT/KR2003/002372
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) ko (26) en
- (30) 10-2002-0069802 **11 Nov/nov 2002** KR
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **GOLF SHOES**
• **CHAUSSES DE GOLF**
- (71, 72) **HWANG, Joon Ho** [KR/KR]; 258-3,
Galhyeon 2-dong, Unpyong-gu, 122-802
Seoul (KR).

- (74) **CHOI, Duke Young;** Suite 401, Youngsam
Building, 612-14 Guro-dong, Guro-gu, Seoul
152-059 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (51)⁷ **A43B 13/12, 19/00, 3/24**
- (11) **WO 2004/043184** (13) A1
- (21) PCT/US2003/036433
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 60/425,514 **12 Nov/nov 2002** US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **COMPONENT FOOTWEAR SYSTEM**
• **SYSTEME D'ARTICLE CHAUSANT
A COMPOSANTS**
- (71) **BLUE MARBLE GEAR, LLC** [US/US]; 11
Gate Lane, West Islip, NY 11795 (US).
- (72) **HONG, Steven, M.;** 11 Gate Lane, West Is-
lip, NY 11795 (US). **HORN, Coleman, M.;**
1160 Taylor St., Suite 4, San Francisco, CA
94108 (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 NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

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- (51)⁷ **A43B 17/00**
- (11) **WO 2004/043185** (13) A1
- (21) PCT/KR2003/002448
- (22) **14 Nov/nov 2003 (14.11.2003)**
- (25) ko (26) en
- (30) 10 -2002-0070952 **14 Nov/nov 2002** KR
(14.11.2002)
- (30) 10-2003-0080361 **13 Nov/nov 2003** KR
(13.11.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **ACUPRESSURE SHOE**

- **CHAUSSEUSE D'ACUPUNCTURE**
- (71) **GAGMALL CO. LTD.** [KR/KR]; 2nd floor
Korea 4H Hoegon, 48-1 Myeongil-dong,
Gangdong-gu, 134-071 Seoul (KR).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (71, 72) **HONG, Jae-Hyung** [KR/KR]; 102-101
Lotte Apt., 78 Whikyeong1-dong, Dongdae-
mun-gu, 130-779 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ **A44B**
- (11) **WO 2004/043186** (13) A2
- (21) PCT/US2003/035698
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 10/291,003 **8 Nov/nov 2002** US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **ACTIVE FASTENERS**
• **ATTACHES ACTIVES**
- (63) US 10/291,003 (CIP)
8 Nov/nov 2002 (08.11.2002)
- (71) **VELCRO INDUSTRIES B.V.** [NL/NL];
Castorweg 22-24, Curaçao (AN).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **TACHAUER, Ernesto, S.** [CA/US]; 62
Grafton Drive, Bedford, NH 03110 (US).
NEEB, Alexander, J. [US/US]; 4835 Jones
Bridge Woods Drive, Alpharetta, GA 30022
(US). **KURTZ, Wallace, L., Jr.** [US/US];
164 Leominster Road, Lunenburg, MA 01462
(US). **PIERCE, Joseph, E.** [US/US]; 267
River Drive, Appleton, WI 54915 (US).
- (74) **BABINEAU, James, W.;** Fish & Richardson
P.C., 225 Franklin Street, Boston, MA 02110-
2804 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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

(11) WO 2004/043187 (13) A2

(21) PCT/US2003/035874

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,538 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THROAT HEIGHT ADJUSTMENT IN A
BELT LOOP OR BELT CLIP

- REGLAGE DE LA HAUTEUR DE L'OUVRETTURE D'UNE BOUCLE DE CEINTURE OU D'UNE PINCE DE CEINTURE

(71) MICHAELS OF OREGON CO. [US/US]; P.O. Box 1690, 1710 Red Soils Court, Oregon City, OR 97045 (US).

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

(72, 75) KINCAID, Robert [US/US]; 122 Bennett Drive, Bozeman, MT 59715 (US). GRE-GORY, Thomas, M. [US/US]; 307 Al Drive, Belgrade, MT 59714 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A44B 19/30, E05B 39/02

(11) WO 2004/043188 (13) A1

(21) PCT/US2003/033205

(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

(30) 10/288,979 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SECURITY CONTAINER LOCK WITH
TAMPER-EVIDENT SEAL

- SERRURE DE CONTENEUR DE SECURITE MUNIE D'UN TEMOIN D'EFFRACTION

(71) A., RIFKEN & CO. [US/US]; 1400 Sans Souci Parkway, Wilkes Barre, PA 18703-0878 (US).

(72) LANTZ, Paul, D.; 1400 Sans Souci Parkway, Wilkes Barre, PA 18703-0878 (US).

(74) RUBEN, Bradley, N., et al. / etc.; 463 First Street, Suite 5A, Hoboken, NJ 07030 (US).

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

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

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

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(51)⁷ A44C 21/00, B42D 15/00, B44B 5/00,
G07D 7/12, B44F 5/00

(11) WO 2004/043189 (13) A1

(21) PCT/NL2003/000796

(22) 12 Nov/nov 2003 (12.11.2003)

(25) nl (26) en

(30) 1021905 12 Nov/nov 2002 NL
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COIN IMAGE COMPOSED OF CHARACTERISTICS

- IMAGE DE PIECE DE MONNAIE COMPOSEE DE CARACTERISTIQUES

(71) KONINKLIJKE NEDERLANDSE MUNT N.V. [NL/NL]; Postbus 2407, NL-3500 GK Utrecht (NL).

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

(72, 75) BARGEMAN, Gerrit [NL/NL]; Mendelssohnstraat 78, NL-3533 XJ Utrecht (NL).

(74) VAN WESTENBRUGGE, Andries et al.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

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

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(51)⁷ A45B 25/16

(11) WO 2004/043190 (13) A1

(21) PCT/KR2003/001479

(22) 23 Jul/juil 2003 (23.07.2003)

(25) en (26) en

(30) 10-2002-0069950 12 Nov/nov 2002 KR
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUTO FOLDING UMBRELLA

- PARAPLUIE/PARASOL A PILAGE AUTOMATIQUE

(71, 72) YUN, Gyu-sok [KR/KR]; 204-20, Siki-dong, Jengup-si, Chollabuk-do, 580-060 (KR).

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

(72, 75) KIM, Ji-hoon [KR/KR]; A-106, Youngdong-goduk Apartment, Daejeong-dong, Jeonju-si, Chollabukdo, 560-260 (KR).

(74) CHANG, Ill-hwan; 34-2, Gosa-dong 1th, Wansan-gu, 560-060 Jeonju-si, Chollabuk-do (KR).

(81) CN JP US.

(51)⁷ A45C

(11) WO 2004/043191 (13) A2

(21) PCT/US2003/035391

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/290,890 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ONEWAY CONCEALED-VALVE
VENTED STORAGE BAG

- SAC DE RANGEMENT MUNI D'UN SYSTEME DE VENTILATION A SENS UNIQUE ET D'UNE SOUPAPE DISSIPULEE

(71, 72) COOK, Leland, B. [US/US]; 9810 N.W., 12th Avenue, Vancouver, WA 98665 (US).

(74) VARITZ, Robert, D.; Varitz, Robert, D., P.C., 2007 S.E. Grant Street, Portland, OR 97214 (US).

(81) AE AG AL AT AU BA BB BG BR BZ CA CH CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MX NO NZ OM PH PL PT RO SC SG TN TT UA UZ VC VN 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 A45C

(11) WO 2004/043192 (13) A2

(21) PCT/US2003/035580

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/289,722 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CARRYING DEVICE FOR A
CARTABLE ITEM PROVIDING SINGLE TO DUAL-SHOULDER SUPPORT
TRANSITIONING

- DISPOSITIF DE TRANSPORT POUR ARTICLE PORTABLE A TRANSITION DE SUPPORT D'UNE EPAULE AUX DEUX EPAULES

(71) OGIO INTERNATIONAL, INC. [US/US]; 15120 Pony Express Road, Bluffdale, UT 84065 (US).

(72) PRATT, Michael, James; 17416 Nestled Cove, Draper, UT 84020 (US). WARNER, Scott, Kendrick; 214 North 600 East, Provo, UT 84060 (US). COLLETTE, Brandon, Brent; 1336 Magic Wand Street, Draper, UT

- 84020 (US). JENSEN, James; 276 Garden Park, Orem, UT 84057 (US).
- (74) TINGEY, David, B. et al. / etc.; Kirton & McConkie, 1800 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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- (51)⁷ A45C
- (11) WO 2004/043193 (13) A2
- (21) PCT/US2003/036116
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/425,743 13 Nov/nov 2002 US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FLEXIBLE TRI-FOLD GARMENT BAG
• HOUSSE POUR VETEMENTS FLEXIBLE PLIABLE EN TROIS
- (71) CLEMCO PRODUCTS, INC. [US/US]; 1228 Tech Court, Westminster, MD 21157 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DEUTSCHENDORF, Michael, A. [US/US]; 7 Meadowsweet court, Reisterstown, MD 21136 (US). HAMM, Thomas, B. [US/US]; 310 Boundary Ave., Hanover, PA 17331 (US).
- (74) NORVICK, Harold, L.; Nath & Associates PLLC, 1030 15th Street, N.W. 6th Floor, Washington D.C 20005-1503 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A45D
- (11) WO 2004/043194 (13) A2
- (21) PCT/US2003/033399
- (22) 21 Oct/oct 2003 (21.10.2003)
- (25) en (26) en
- (30) 10/291,086 8 Nov/nov 2002 US (08.11.2002)
- (30) 10/418,604 18 Apr/avr 2003 US (18.04.2003)
- (30) 10/464,186 18 Jun/juin 2003 US (18.06.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • HAIR TREATMENT METHOD
• METHODE D'ÉPILATION
- (71, 72) JAY, Harvey, H. [US/US]; 45 East 62nd Street, New York, NY 10021 (US).
- (74) SUDOL, R., Neil; Coleman Sudol Sapone, P.C., 714 Colorado Avenue, Bridgeport, CT 06605-1601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A45D
- (11) WO 2004/043195 (13) A2
- (21) PCT/US2003/035311
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/294,257 14 Nov/nov 2002 US (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • HAIR DRYER WITH STAND
• SECHE-CHEVEUX A SUPPORT
- (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) CARLUCCI, Vito, James [US/US]; 193 Glenfield Avenue, Stratford, CT 06497 (US). SMAL, Henri, Christophe, Frederic, Joseph [BE/BE]; Rempart Des Arquebusiers 41, B-4600 Vise (BE). LIM, Jong, Sik [US/US]; 64B Peck Avenue, Rye, NY 10580 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A45D
- (11) WO 2004/043197 (13) A2
- (21) PCT/US2003/035991
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/292,572 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • EYELASH PROFILER
• PROFILEUR DE CILS
- (71) E-L MANAGEMENT CORP. [US/US]; 767 Fifth Avenue, New York, NY 10153 (US).
- (72) THAYER, Jonathan, T; 136 Kingsland Street, Nutley, NJ 07110 (US).
- (74) GIANCANA, Peter, M.; Estee Lauder Co. Inc., 125 Pinelawn Road, Melville, NY 11747 (US).
- (81) AU CA JP.

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

(51)⁷ A45D

(11) WO 2004/043198 (13) A2

(21) PCT/US2003/036348

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,498 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPLICATOR FOR SCALP MEDICINE
• APPLICATEUR POUR TRAITEMENT DU CUIR CHEVELU

(71, 72) WILKINSON, Bary [US/US]; 2920 Sacramento, San Francisco, CA 94115 (US).

(74) JOHNSONBAUGH, Bruce, H.; Eckhoff & Hoppe, 505 Sansome Street, Suite 1700, Two Transamerica Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 A45D 20/08, 20/10, 20/12, F26B 3/02

(11) WO 2004/043199 (13) A1

(21) PCT/US2002/035894

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • HAIR DRYER
• SECHE-CHEVEUX

(71) CONAIR CORPORATION [US/US]; One Cummings Point Road, Stamford, CT 06904 (US).

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

(72, 75) SANTHOUSE, Daniel [US/US]; 597 Nod Hill Road, Wilton, CT 06897 (US). LEUNG, Anthony Kit Lun [GB/CN]; Flat B, 6/F Block 12, Braemar Hill Mansion, 37 Braemar Hill Road, North Point, Hong Kong (CN). WONG, Eric Chun Hon [CN/CN]; Flat C, 33/F, Block 9, Tsuen King Garden, Tsuen Wan, Hong Kong (CN).

(74) RUGGIERO, Charles, N., J.; Ohlandt, Greeley, Ruggiero & Perle L.L.P., One Landmark Square, 10th Floor, Stamford, CT 06901-2682 (US).

(81) CA US.

(51)⁷ A45D 31/00

(11) WO 2004/043200 (13) A1

(21) PCT/US2003/036380

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,952 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A SYSTEM AND PROCESS FOR CREATING CUSTOM FIT ARTIFICIAL FINGERNAILS USING A NON-CONTACT OPTICAL MEASURING DEVICE
• SYSTEME ET PROCEDE DE CREATION D'ONGLES ARTIFICIELS FAITS SUR MESURE AU MOYEN D'UN DISPOSITIF DE MESURE OPTIQUE EXEMPT DE CONTACT

(71) MiiC AMERICA, INC. [US/US]; 41208 America, Inc., Canton, MI 48187 (US).

(72) TERUAKI, Yogo; 3-24 Akatsuki, Seto, Aichi-Pref. 489-8645 (JP). LI, Yong; 823 Huron Street, La Salle, Ontario N9J 3E6 (CA). HOKI, Kazuhiro; 41208 Capital Drive, Canton, MI 48187 (US).

(74) AMBURN, Dean, W.; Harness, Dickey & Pierce, PLC, P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) JP.

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

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(51)⁷ A45D 40/00

(11) WO 2004/043201 (13) A2

(21) PCT/EP2003/011728

(22) 23 Oct/oct 2003 (23.10.2003)

(25) de (26) de

(30) 102 52 950.7 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISPENSER FOR THE CONTROLLED RELEASE OF VOLATILE SUBSTANCES
• DIFFUSEUR PERMETTANT UNE LIBERATION CONTROLEE DE SUBSTANCES VOLATILES

(71) LTS LOHMANN THERAPIE-SYSTEME AG [DE/DE]; Lohmannstrasse 2, 56626 Andernach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FELDHEGE, Michael [DE/DE]; Friedrich-Ebert Ring 6, 56068 Koblenz (DE). KLOCZKO, Malgorzata [DE/DE]; Ammerich 50, 53577 Neustadt/Wied (DE). ROREGER, Michael [DE/DE]; Pestalozzistrasse 38, 56567 Neuwied (DE).

(74) SCHMIDT, Werner; LTS Lohmann Therapie-Systeme AG, Patentabteilung, Postfach 15 25, 56605 Andernach (DE).

(81) AU BR CA CN IL IN JP KR MX NZ PH PL RU US ZA.

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

(51)⁷ A45F 3/02

(11) WO 2004/043202 (13) A2

(21) PCT/US2003/035755

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/291,203 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SHOULDER CARRIER WITH LAT-ERALLY MOVEABLE SHOULDER STRAP
• SAC DE TRANSPORT A COURROIE D'EPAULE A DEPLACEMENT LATERAL PORTE A L'EPAULE

(71) AIRPACKS, INC. [US/US]; Suite 421F, 100 Cummings Center, Beverly, MA 01915 (US).

(72) AMMERMAN, Jill; Suite 421F, 100 Cummings Center, Beverly, MA 01915 (US).

(74) HUNT, Robert, E.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

(51)⁷ A46B 5/06, 15/00, A61C 17/00, A46B 11/00

(11) WO 2004/043203 (13) A1

(21) PCT/ES2003/000537

(22) 22 Oct/oct 2003 (22.10.2003)

(25) es (26) es

(30) U200202739 13 Nov/nov 2002 ES (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISPOSABLE MINI TOOTH BRUSH AND BRIGHTENER
• MINI BROSSE A DENTS JETABLE PERMETTANT DE FAIRE BRILLER LES DENTS

(71, 72) VÁZQUEZ DE LA CUEVA, José, Manuel [ES/ES]; C/Diego de León, 41, 5^o Izqda, E-28006 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 **A46B 9/04, 15/00**
 (11) **WO 2004/043204** (13) A2
 (21) PCT/US2003/035521
 (22) 7 Nov/nov 2003 (07.11.2003)
 (25) en (26) en
 (30) 60/424,924 8 Nov/nov 2002 US (08.11.2002)
 (43) 27 May/mai 2004 (27.05.2004)
 (54) • TOOTHBRUSH ASSEMBLY HAVING AN ENVIRONMENTALLY SAFE POLYMER BATTERY
 • ENSEMBLE BROUSSE A DENTS POSSEDANT UNE BATTERIE POLYMERES SANS DANGER POUR L'ENVIRONNEMENT
 (71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) KEMP, James [US/US]; 14 Staudt Court, Somerset, NJ 08873 (US). MASTERS, James, G. [US/US]; 1 Stephen Court, Ringoes, NJ 08551 (US).
 (74) GOLDFINE, Henry, S.; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A47B 77/02, E04B 2/74**
 (11) **WO 2004/043205** (13) A1
 (21) PCT/IB2002/004769
 (22) 12 Nov/nov 2002 (12.11.2002)
 (25) en (26) en
 (43) 27 May/mai 2004 (27.05.2004)
 (54) • PARTITIONING SYSTEM FOR KITCHENS
 • SYSTEME DE CLOISONS POUR CUISINES
 (71, 72) DISANTO, Giandonato [IT/IT]; Via G. Postiglione, 8, I-70126 Bari (IT).
 (81) AU BR CA JP US.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

- (51)⁷ **A47B 88/04**
 (11) **WO 2004/043206** (13) A1
 (21) PCT/EP2003/012645
 (22) 12 Nov/nov 2003 (12.11.2003)
 (25) de (26) de

- (30) 202 17 511.1 13 Nov/nov 2002 DE (13.11.2002)
 (30) 203 02 823.6 21 Feb/fév 2003 DE (21.02.2003)
 (43) 27 May/mai 2004 (27.05.2004)
 (54) • MOUNTING FOR AN EXTENSION PIECE OF A TALL CABINET
 • ARMATURE POUR RALLONGE D'ARMOIRE
 (71) VAUTH-SAGEL GMBH & CO. KG [DE/DE]; Neue Strasse 27, 33034 Brakel (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) SAGEL, Thomas [DE/DE]; Grüne Bache 13, 33034 Brakel (DE). SAGEL, Claus [DE/DE]; Nikolaus-Dürkopp-Strasse 4a, 33602 Bielefeld (DE).
 (74) HANEWINKEL, Lorenz; Boehmert & Boehmert, Ferrariweg 17 a, 33102 Paderborn (DE).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

- (51)⁷ **A47C**
 (11) **WO 2004/043207** (13) A2
 (21) PCT/US2003/035565
 (22) 7 Nov/nov 2003 (07.11.2003)
 (25) en (26) en
 (30) 60/425,225 8 Nov/nov 2002 US (08.11.2002)
 (30) 60/454,263 13 Mar/mar 2003 US (13.03.2003)
 (43) 27 May/mai 2004 (27.05.2004)
 (54) • SEAT CUSHION PRESENTER DEVICE FOR FOLDING SEAT
 • DISPOSITIF DE SORTIE D'UN COUSIN DE SIEGE POUR SIEGE PLIABLE
 (71) JOHNSON CONTROLS TECHNOLOGY COMPANY [US/US]; 650 Waverly, Holland, MI 49423 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) WHITE, Brennon, L. [US/US]; 2950 Woodbury Blvd., Commerce, MI 48390 (US). KING, Alan, J. [GB/US]; 2121 Charms Road, Wixom, MI 48393-1128 (US). CEMALOVIC, Vanja [US/US]; 18324 Pershing, Livonia, MI 48152 (US). COLJA, Renato [CA/CA]; 4265 Mt. Sinai Cres., Windsor, Ontario N9G 2G7 (CA).

McMILLEN, Robert [CA/CA]; 2084 Lesperance Road, Tecumseh, Ontario N8N 2N4 (CA). JONES, Barry [CA/CA]; 648 Brenda Cr., Tecumseh, Ontario N8N 4P4 (CA). ALEXANDER, Danny, D. [US/US]; 1725 Little Drive, Horton, MI 49246 (US). COON, Robert [US/US]; 3811-D West School Street, Chicago, IL 60618 (US). HSU, Elliot [US/US]; 1400 North Milwaukee Ave. #201, Chicago, IL 60622 (US).

- (74) WILKE, James, A.; Foley & Lardner, 777 East Wisconsin Avenue, Suite 3800, Milwaukee, WI 53202-5306 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 5/00**
 (11) **WO 2004/043208** (13) A1
 (21) PCT/PH2002/000021
 (22) 11 Nov/nov 2002 (11.11.2002)
 (25) en (26) en
 (43) 27 May/mai 2004 (27.05.2004)

- (54) • REINFORCED PART OF WOVEN FURNITURE AND METHOD OF MAKING THE SAME
 • PARTIE DE RENFORCEMENT DE MEUBLES REALISES EN MATIERE TRESSEE ET PROCEDE POUR PRODUIRE LADITE PARTIE DE RENFORCEMENT

- (71, 72) AQUINO, Jorge, B. [PH/PH]; 55 Baler St., San Francisco Del Monte, Quezon City 1105 (PH).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (a)

Declaration / Déclaration :

(u) for / pour US only / seulement

- (51)⁷ **A47C 05/06**
 (11) **WO 2004/043209** (13) A1
 (21) PCT/DE2003/003751
 (22) 12 Nov/nov 2003 (12.11.2003)
 (25) de (26) de
 (30) 202 17 555.3 12 Nov/nov 2002 DE (12.11.2002)
 (43) 27 May/mai 2004 (27.05.2004)

(54) • SEATING

• SIEGE

(71) MWH-METALLWERK HELMSTADT GMBH [DE/DE]; Flinsbacher Str. 1, 74921 Helmstadt-Bargen (DE).

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

(72, 75) ZIEGLER, Robert [DE/DE]; Kraichgauweg 13a, 69234 Dielheim (DE).

(74) GEITZ TRUCKENMÜLLER LUCHT; Kriegsstrasse 234, 76135 Karlsruhe (DE).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) *for / pour US only / seulement*(51)⁷ A47F 3/04

(11) WO 2004/043210 (13) A1

(21) PCT/CA2003/001721

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 2,411,652 13 Nov/nov 2002 CA (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FOOD DISPLAY CASE

• PRESENTOIR POUR ALIMENTS

(71) COOL FRESH DESIGNS INC. [CA/CA]; 4920 - 52nd Street SE, Calgary, Alberta T2B 3R2 (CA).

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

(72, 75) SWEENEY, Glenn [CA/CA]; 4920 - 52nd Street SE, Calgary, Alberta T2E 7K9 (CA). BURGESS, Reagh [CA/CA]; 4920 - 52nd Street SE, Calgary, Alberta T2B 3R2 (CA). DUKE, R., James [CA/CA]; 4920 - 52nd Street SE, Calgary, Alberta T2B 3R2 (CA).

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

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

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

Published / Publiée : (c)

(51)⁷ A47F 3/04

(11) WO 2004/043211 (13) A1

(21) PCT/US2003/030316

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(30) 10/288,885 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BAFFLED AIR FLOW SYSTEM FOR PEG BAR REFRIGERATED MERCHANDISER

• SYSTEME D'ÉCOULEMENT D'AIR A DEFLECTEUR POUR PRESENTOIR REFRIGERE A CROCHETS

(71) CARRIER COMMERCIAL REFRIGERATION INC. [US/US]; 1245 Corporate Boulevard, Suite 401, Aurora, IL 60504 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WEIKEL, Jerry, L. [US/US]; 12155 Fields Farm Court, Granger, IN 46530 (US). KEMPIAK, Michael, J. [US/US]; 10945 Del Rey Drive, Osceola, IN 46561 (US).

(74) HABELT, William, W.; Carrier Corporation, Intellectual Property Department, Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(81) BR CA CN JP KR MX US.

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

(51)⁷ A47H 5/14, E06B 9/262

(11) WO 2004/043212 (13) A1

(21) PCT/EP2003/012537

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 791.1 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GATHERING CURTAIN

• RIDEAU A RESSERRER

(71) ADO GARDINENWERKE GMBH & CO. [DE/DE]; Hüntestr. 68, 26871 Aschendorf/Ems (DE).

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

(72, 75) VON DER HÖH, Wolfgang [DE/DE]; Schwarzenberg 8, 26892 Lehe (DE).

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

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

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

(51)⁷ A47J 43/046, B01F 13/08, H02K 21/00, A23G 9/04

(11) WO 2004/043213 (13) A1

(21) PCT/US2003/035235

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/292,406 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FOOD PROCESSING APPARATUS INCLUDING MAGNETIC DRIVE

• APPAREIL DE TRAITEMENT DE PRODUITS ALIMENTAIRES COMPORTANT UN DISPOSITIF D'ENTRAÎNEMENT MAGNETIQUE

(71) ISLAND OASIS FROZEN COCKTAIL COMPANY, INC. [US/US]; 141 Norfolk Street, Walpole, MA 02081 (US).

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

(72, 75) KARKOS, John, F., Jr. [US/US]; 5 Frost Hill Avenue, Lisbon Falls, ME 04252 (US). FLANARY, Ron [US/US]; 2007 Hardwick Street, Blacksburg, VA 24060 (US).

(74) GISH, Jason et al. / etc.; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210-2698 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 1/04, 3/02, B27M 3/00

(11) WO 2004/043214 (13) A1

(21) PCT/EP2003/012550

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) MI2002A 002384 11 Nov/nov 2002 IT (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WOODEN BATHROOM FITTINGS AND METHODS FOR MANUFACTURING THEREOF

• ELEMENTS DE SALLE EN BOIS ET LEUR PROCÉDE DE FABRICATION

(71) CLASSWOOD S.r.L. [IT/IT]; Via Privata Reggio 3, I- 20100 Milano (IT).

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

(72, 75) CAVALIERI, Claudio [IT/IT]; Via Roma 26, I-23035 Sondalo (SO) (IT). AR-MANASCO, Aurelio [IT/IT]; Via Roma 30, I-23030 Tovo di S. Agata (SO) (IT).

(74) ZANELLA, Irene; Zanella & Associati S.r.l., Via Leonardo da Vinci 12, I-22074 Lomazzo (CO) (IT).

(81) AE AT AU BR BY CA CH CN CU CZ DE DK EE EG ES FI GB GE HR HU IL IN JP KR LT LU LV MA MD MK MX NO NZ PL PT RO RU SE SK TR UA US YU ZA.

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AT AU BR BY CA CH CN CU CZ DE DK EE EG ES FI GB GE HR HU IL IN JP KR LT LU LV MA MD MK MX NO NZ PL PT RO RU SE SK TR UA YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designation / pour la désignation suivante : US; (i) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ A47L 11/03, 9/00, 9/28, 11/20, 11/40, G05D 1/02

(11) WO 2004/043215 (13) A1

(21) PCT/JP2003/013392

(22) 20 Oct/oct 2003 (20.10.2003)

(25) ja (26) ja

(30) 2002-364428 13 Nov/nov 2002 JP (13.11.2002)

(30) 2003-298193 22 Aug/août 2003 JP (22.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SELF-PROPELLED WORKING ROBOT
• ROBOT DE TRAVAIL AUTOTRACTE

(71) FIGLA CO., LTD. [JP/JP]; 27-11, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWAGOE, Nobukazu [JP/JP]; c/o FIGLA CO., LTD., 27-11, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).

(74) YAMAMURA, Yoshinobu; YAMAMURA, KOEI Bldg. 2-2, Ekimae 3-chome, Ibaraki-Shi, Osaka 567-0888 (JP).

(81) AE AG 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 A61B

(11) WO 2004/043216 (13) A2

(21) PCT/IL2003/000959

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,013 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADHESIVE ANASTOMOSIS CONNECTION SYSTEM
• SYSTEME DE CONNEXION ANASTOMOTIQUE FAISANT APPEL A UN ADHESIF

(71) BY-PASS, INC. [US/US]; 40 Ramland Road, Orangeburg, NY 10962 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LOSHAKOVE, Amir [IL/IL]; P.O. Box 378, 60944 Moshav-Bazra (IL). KILEMNIK, Ido [IL/IL]; 35 Nordau Street, 46585 Herzelia (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 NI NO NZ OM PG PH PL PT RO RU SC 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

(11) WO 2004/043217 (13) A2

(21) PCT/IL2003/000965

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/294,310 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STIMULATION FOR TREATING EYE PATHOLOGIES
• STIMULATION POUR LE TRAITEMENT D'AFFECTIONS OCULAIRES

(63) US Not furnished / non communiqué (CIP)
8 Nov/nov 2002 (08.11.2002)

(71) BRAINSGATE LTD. [IL/IL]; P.O. Box 2249, 43101 Ra'anana (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROSS, Yossi [IL/IL]; 10 HaNotea Street, 73160 Moshav Mazor (IL). SHALEV, Alon [IL/IL]; 9 Wingate Street, 43587 Ra'anana (IL).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043218 (13) A2

(21) PCT/IL2003/000966

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,180 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SURGICAL TOOLS AND TECHNIQUES FOR STIMULATION
• OUTILS CHIRURGICAUX ET TECHNIQUES DE STIMULATION

(71) BRAINSGATE LTD. [IL/IL]; P.O. Box 2249, 43101 Ra'anana (IL). LORIAN, Adi [IL/IL]; 25 Shderot Sapir Street, 14290 Tiberias (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GROSS, Yossi [IL/IL]; 10 HaNotea Street, 73160 Moshav Mazor (IL). SHALEV, Alon [IL/IL]; 9 Wingate Street, 43587 Ra'anana (IL). BENARY, Raphael [IL/IL]; 15 Harav Ashi Street, 69395 Tel Aviv (IL).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043219 (13) A2

(21) PCT/US2003/032631

(22) 15 Oct/oct 2003 (15.10.2003)

(25) en (26) en

(30) 10/065,704 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BIOABSORBABLE MARKER HAVING EXTERNAL ANCHORING MEANS

- MARQUEUR BIORESORBABLE COM-
PORTANT DES MOYENS D'ANCRAGE
EXTERNES

(71) **BIOPSY SCIENCES, LLC** [US/US]; 300
Spottis Woode Court, Clearwater, FL 33756
(US).

(74) **SMITH, Ronald, E.**; Smith & Hopen, P.A.,
15950 Bay Vista Drive, Suite 220, Clearwater,
FL 33760 (US).

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

(11) **WO 2004/043220** (13) A2

(21) PCT/US2003/033391

(22) **21 Oct/oct 2003 (21.10.2003)**

(25) en (26) en

(30) 60/424,528 **6 Nov/nov 2002** US
(06.11.2002)

(30) 60/470,077 **13 May/mai 2003** US
(13.05.2003)

(30) 10/458,783 **10 Jun/juin 2003** US
(10.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE AND METHOD FOR WITH-
DRAWING A TUBULAR BODY PART

- DISPOSITIF ET PROCEDE PERMET-
TANT DE RETIRER UNE PARTIE
CORPORELLE TUBULAIRE

(71) **ANGIODYNAMICS, INC.** [US/US]; 603
Queensbury Avenue, Queensbury, NY 12804
(US).

(72) **APPLING, William**; 8291 State Route 40,
Granville, NY 12832 (US). **SCHUR, Israel**;
76 Dwight Place, Englewood, New Jersey
07631 (US).

(74) **Ahn, Harry, K.**; Reed Smith LLP, 599 Lex-
ington Avenue, 29th floor, NY- New York
10022 (US).

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

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

(51)⁷ **A61B**

(11) **WO 2004/043221** (13) A2

(21) PCT/US2003/034075

(22) **27 Oct/oct 2003 (27.10.2003)**

(25) en (26) en

(30) 10/288,615 **5 Nov/nov 2002** US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STENT WITH GEOMETRY DETER-
MINATED FUNCTIONALITY AND
METHOD OF MAKING THE SAME

- STENT A FONCTIONNALITE DE-
TERMINEE PAR LA GEOMETRIE ET
PROCEDE DE FABRICATION DE CE
STENT

(71) **ALVEOLUS INC** [US/US]; 401 North
Tryon Street, 10th Floor, Charlotte, NC
28202 (US).

(72) **MANGIARDI, Eric, K.**; 401 North Tryon
Street, 10th Floor, Charlotte, NC 28202 (US).
REYNOLDS, Jason, M.; 401 North Tryon
Street, 10th Floor, Charlotte, NC 28202 (US).

(74) **ALEXANDER, Tony**; Alveolus Inc, Port-
folioIP, P.O. Box 52050, 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
ZM ZW.

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

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO 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
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 PG PH PL PT RO 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 **A61B**

(11) **WO 2004/043222** (13) A2

(21) PCT/US2003/034929

(22) **3 Nov/nov 2003 (03.11.2003)**

(25) en (26) en

(30) 60/423,952 **5 Nov/nov 2002** US
(05.11.2002)

(30) 60/457,034 **24 Mar/mar 2003** US
(24.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TREATING CARCINOID NEOPLASMS
WITH THERAPEUTIC VIRUSES

- TRAITEMENT DES TUMEURS CARCI-
NOIDES PAR DES VIRUS THERAPEU-
TIQUES

(71) **WELLSTAT BIOLOGICS CORPORA-
TION** [US/US]; 930 Clopper Road, Gaithers-
burg, MD 20878 (US).

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

(72, 75) **LORENCE, Robert, M.** [US/US]; 6308
Maiden Lane, Bethesda, MD 20817 (US).
MAJOR, Pierre [CA/CA]; 91 Broad Leaf
Crescent, Hamilton, Ontario L9G 3P2 (CA).

(74) **KREISLER, Lewis, J.**; 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 NI NO NZ OM PG PH PL PT
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 **A61B**

(11) **WO 2004/043223** (13) A2

(21) PCT/US2003/035126

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 60/423,759 **5 Nov/nov 2002** US
(05.11.2002)

(30) 10/701,871 **5 Nov/nov 2003** US
(05.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND METHODS FOR
THE DIAGNOSIS AND TREATMENT
OF SEPSIS

- COMPOSITIONS ET METHODES DE
DIAGNOSTIC ET TRAITEMENT DE
LA SEPSIE

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

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

(72, 75) **GUO, Ren-feng** [CN/US]; ** (US).
REIDEMANN, Niels, C. [DE/US]; ** (US).
WARD, Peter, A. [US/US]; ** (US).

(74) **ARENSON, Tanya, A.** et al. / etc.; Medlen
& Carroll, LLP, 101 Howard Street, Suite 350,
San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043224 (13) A2

(21) PCT/US2003/035228

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/292,174 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BLOOD PRESSURE CUFFS WITH RESILIENT SUPPORT SLEEVES

• BRASSARDS DE TENSIOMETRES A MANCHON SUPPORT ELASTIQUE

(71) SUNTECH MEDICAL, INC. [US/US]; 507 Airport Boulevard, Suite 117, Morrisville, NC 27560-8200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JUST, Steven, M. [US/US]; 209 Ashton Hall Lane, Raleigh, NC 27609 (US). GALLICK, David, A. [US/US]; 1112 Tanglewood Drive, Cary, NC 27511 (US). MCBEE, Dayn, C. [US/US]; 126 Barnes Spring Court, Cary, NC 27519 (US).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043225 (13) A2

(21) PCT/US2003/035481

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,776 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • UMBILICAL CORD CLAMP AND CUTTER

• COLLIER DE CORDON OMBILICAL ET DISPOSITIF DE DECOUPE

(71) MATERNUS PARTNERS, LTD. [US/US]; 15303 Huebner Road, Unit No. 10, San Antonio, TX 78248 (US).

(72) WATSON, Richard, L., Jr.; 1985 Cougar Tr., McPherson, KS 67460 (US). HICKS, Ronald, B.; 13223 Hunters Lark, San Antonio, TX 78230 (US). BADER, Carrie, D., M.; 2111 Lanier Drive, Austin, TX 78757 (US). LEUNG, Philip, C., Y.; 12301-A Abney Drive, Austin, TX 78729 (US). MCMASTER, Darren, R.; 15303 Huebner Road, Unit 10, San Antonio, TX 78248 (US). VILLARREAL, Hector, C.; 15303 Huebner Road, Unit 10, San Antonio, TX 78248 (US).

(74) ALLEN, Courtenay, B. et al. / etc.; Loeffler Jonas & Tuggey, LLP, Suite 200, 755 East Mulberry, San Antonio, TX 78212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043226 (13) A2

(21) PCT/US2003/035516

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,628 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS FOR PREDICTING WHETHER SUBJECTS WITH MILD COGNITIVE IMPAIRMENT (MCI) WILL DEVELOP ALZHEIMER'S DISEASE

• METHODES PERMETTANT DE PRENDRE SI DES SUJETS PRESENTANT UN TROUBLE COGNITIF LEGER (MCI) VONT DEVELOPPER LA MALADIE D'ALZHEIMER

(71) MOLECULAR GERIATRICS CORPORATION [US/US]; 50 Lakeview Parkway, Suite 111, Vernon Hills, IL 60061 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KERKMAN, Daniel [US/US]; 21 Cremin Drive, Lake Villa, IL 60046 (US).

(74) SARUSSI, Steven, J.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043227 (13) A2

(21) PCT/US2003/035525

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/292,420 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POLYNUCLEOTIDES FOR THE AMPLIFICATION AND DETECTION OF CHLAMYDIA TRACHOMATIS AND NEISSERIA GONORRHOEA

• POLYNUCLEOTIDES DESTINES A L'AMPLIFICATION ET A LA DETECTION DE CHLAMYDIA TRACHOMATIS ET DE NEISSERIA GONORRHOEA

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

(72) PABICH, Edward, K.; 2402 Oak Avenue, Northbrook, IL 60062-5222 (US). MARSHALL, Ronald, L.; 9411 42nd Avenue, Pleasant Prairie, WI 53158 (US). YU, Hong; 5356 RFD, Long Grove, IL 60047-9747 (US).

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

(81) CA JP.

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

(51)⁷ A61B

(11) WO 2004/043228 (13) A2

(21) PCT/US2003/035531

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/291,194 9 Nov/nov 2002 US (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF TREATING SEPSIS-INDUCED ARDS

• METHODE DE TRAITEMENT DE L'INSUFFISANCE RESPIRATOIRE AIGUE (IRA) INDUITE PAR SEPSIS

(71) THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK [US/US]; Post Office Box 9, Albany, NY 12201-0009 (US).

(72) SIMON, Sanford, R.; 71 Cedar Street, Stony Brook, NY 11790 (US). GOLUB, Lorne, M.; 29 Whitney Gate, Smithtown, NY 11787 (US). LEE, Hsi-Ming; 20 Allyson Place, Setauket, NY 11733 (US). NIEMAN,

Gary; 8556 East Seneca Turnpike, Manlius, NY 13104 (US). **STEINBERG, Jay**; 183 Homecroft Road, Syracuse, NY 13206 (US). **SCHILLER, Henry**; 828 9th Street, SW, Rochester, MN 55902 (US). **HALTER, Jeff**; 600 6th Street, Liverpool, NY 13088 (US). **PICONE, Anthony**; 4593 Widgeon Path, Manlius, NY 13104 (US). **MARX, William**; 6634 Woodchuck Hill Road, Jamesville, NY 13078 (US). **GATTO, Louis**; 3993 Northway Drive, Cortland, NY 13045 (US). **LUTZ, Charles**; 6833 Holliston Circle, Fayetteville, NY 13066 (US).

(74) **BARON, Ronald, J. et al. / etc.**; Hoffmann & Baron, LLP, 6900 Jericho Turnpike, Syoset, NY 11791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043229 (13) A2

(21) PCT/US2003/035532

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,972 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOUNDS FOR THE TREATMENT OF TOBACCO DEPENDENCE AND WITHDRAWAL
• COMPOSES UTILISES DANS LE TRAITEMENT DU TABAGISME ET LE SEVRAGE

(71) **THE MCLEAN HOSPITAL CORPORATION** [US/US]; 115 Mill Street, Belmont, MA 02478 (US).

(72) **LUKAS, Scott**; 271 Picnic Street, Boxborough, MA 01719 (US).

(74) **ELBING, Karen, L.**; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043230 (13) A2

(21) PCT/US2003/035547

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,481 6 Nov/nov 2002 US (06.11.2002)

(30) 60/425,780 12 Nov/nov 2002 US (12.11.2002)

(30) 10/702,236 5 Nov/nov 2003 US (05.11.2003)

(30) 10/702,710 5 Nov/nov 2003 US (05.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD OF SCREENING FOR DISORDERS OF GLUCOSE METABOLISM
• PROCEDE POUR DEPISTER DES TROUBLES DU METABOLISME DU GLUCOSE

(71) **SENSYS MEDICAL, INC.** [US/US]; 7470 West Chandler Blvd., Chandler, AZ 85226 (US).

(72) **HETZEL, Donald**; 5104 N. 32nd Street #245, Phoenix, AZ 85018 (US). **MONFRE, Stephen, L.**; 1289 East Palo Blanco Way, Gilbert, AZ 85296 (US). **HAZEN, Kevin, H.**; 1534 W. Islandia Drive, Gilbert, AZ 85233 (US). **RUCHTI, Timothy, L.**; 1501 West Sea Haze Drive, Gilbert, AZ 85233 (US). **BLANK, Thomas, B.**; 2922 E. Tulsa Street, Chandler, AZ 85225 (US). **HOCKERSMITH, Linda**; 8650 E. Joshua Tree, Scottsdale, AZ 85250 (US). **CONE, Andrew**; 14031 S. 8th Street, Phoenix, AZ 85048 (US).

(74) **GLENN, Michael et al. / etc.**; Glenn Patent Group, Ste. L., 3475 Edison Way, Menlo Park, CA 94025 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043231 (13) A2

(21) PCT/US2003/035602

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,283 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STORAGE APPARATUS FOR SURGICAL IMPLANT DEVICE
• APPAREIL DE RANGEMENT POUR DISPOSITIF D'IMPLANT CHIRURGICAL

(71) **GMP VISION SOLUTIONS, INC.** [US/US]; One East Broward Boulevard, Suite 1701, Fort Lauderdale, FL 33301 (US).

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

(72, 75) **SOLVAY, Kenneth** [US/US]; 16732 Diamond Drive, Weston, FL 33331 (US). **MADDEN, Gregory, R.** [US/US]; 2619 Sea Island Drive, Ft. Lauderdale, FL 33301 (US). **JACOBS, Thomas, P.** [US/US]; 4300 North Ocean Blvd., #6, Delray Beach, FL 33483 (US). **LAYER, James, H.** [US/US]; 10427 S.W. 49 PL., Cooper City, FL 33328 (US). **GREGORY, William** [US/US]; 1200 SE 11th Ct., Ft. Lauderdale, FL 33316 (US).

(74) **WARREN, William, L. et al. / etc.**; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, N.E., Atlanta, GA 30309-3996 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043232 (13) A2

(21) PCT/US2003/035689

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,475 6 Nov/nov 2002 US (06.11.2002)

(30) 60/489,703 23 Jul/juil 2003 US (23.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS FOR IDENTIFYING RISK OF MELANOMA AND TREATMENTS THEREOF
• METHODES SERVANT A IDENTIFIER DES RISQUES DE MELANOMES ET TRAITEMENTS CORRESPONDANT

(71) **SEQUENOM, INC.** [GB/GB]; 3595 John Hopkins Court, San Diego, CA 92121 (US).

(72) **ROTH, Richard, B.**; 9245 Regents Road, Apartment 409, La Jolla, CA 92037 (US). **NELSON, Matthew, Roberts**; 1250 Calle Prospero, San Marcos, CA 92069 (US). **BRAUN, Andreas**; 3935 Lago Di Grata Circle, San Diego, CA 92130 (US). **KRAMMERER, Stefan, M.**; 3825 Elijah Court, Unit 334, San Diego, CA 92130 (US).

(74) **GRANT, Bruce, D.**; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043233 (13) A2

(21) PCT/US2003/035690

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,965 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ASSAY FOR AUTOANTIBODIES TO FOLATE RECEPTORS

• METHODE DE DETECTION D'AUTOANTICORPS CONTRE DES RECEPTEURS DE FOLATE

(71, 72) ROTHENBERG, Sheldon, P. [US/US]; 535 East 86th Street, New York, NY 10028 (US). da COSTA, Maria [US/US]; 535 East 86th Street, New York, NY 10028 (US). SEQUEIRA, Jeffrey [US/US]; 2360 62nd Street, Brooklyn, NY 11204 (US).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043234 (13) A2

(21) PCT/US2003/035717

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/291,958 10 Nov/nov 2002 US (10.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SCANNING LASER OPHTHALMOSCOPE OPTIMIZED FOR SELECTIVE RETINAL MICROPHOTOCOAGULATION

• OPHTHALMOSCOPE LASER A BALAYAGE OPTIMISE POUR LA MICROPHOTOCOAGULATION RETINIENNE SELECTIVE

(71, 72) VAN de VELDE, Frans [BE/US]; 2 Hawthorne Place, 15-O, Boston, MA 02114 (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 A61B

(11) WO 2004/043235 (13) A2

(21) PCT/US2003/035748

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,652 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISPOSABLE GLOVES WITH ALLATOIN

• GANTS JETABLES A L'ALLANTOINE

(71) MEDLINE INDUSTRIES, INC. [US/US]; One Medline Place, Mundelein, IL 60060 (US).

(72) AMDUR, Samuel, III; 1008 Gracewood Drive, Libertyville, IL 60048 (US).

(74) RUDISILL, Stephen, G. et al. / etc.; Jenkins & Gilchrist, Suite 2600, 225 West Washington Street, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043236 (13) A2

(21) PCT/US2003/036025

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,322 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIAGNOSIS OF SEPSIS OR SIRS USING BIOMARKER PROFILES

• DIAGNOSTIC DU SEPSIS OU DU SIRS AU MOYEN DE PROFILS DE MARQUEURS BIOLOGIQUES

(71) BECTON, DICKINSON AND COMPANY [US/US]; WEINTRAUB, Bruce S., Esq., 1 Becton Drive, Mail Code 089, Franklin Lakes, NJ 07417-1880 (US).

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(72, 75) IVEY, Richard [US/US]; 11 Shady Ridge Court, Parkton, MD 21120 (US). GENTLE, Thomas [US/US]; 710 Oakwood Drive, Red Lion, PA 17356 (US). MOORE, Richard [US/US]; 5537 Wool Mill Road, Glenville, PA 17329 (US). TOWNS, Michael [US/US]; 3 Ferns Court, Timonium, MD 21093 (US). BACHUR, Nicholas [US/US]; 750 Monkton Road, Monkton,

MD 21111 (US). ROSENSTEIN, Robert [US/US]; 4273 Bright Bay Way, Ellicott City, MD 21042 (US). GOLDENBAUM, Paul [US/US]; 3931 Brittany Lane, Hampstead, MD 21074 (US). SHI, Song [US/US]; 1916 Billy Barton Circle, Reisterstown, MD 21136 (US). COPERTINO, Donald [US/US]; 710 Hunter Way, Catonsville, MD 21228 (US). GARRETT, James [US/US]; 1002 Licthfield Road, Baltimore, MD 21239 (US). TICE, Gregory [US/US]; 3 Weston Court, Lutherville, MD 21093 (US).

(74) PATTON BOGGS LLP; NAMMO, Laura D., Esq., 8484 Westpark Drive, 9th Floor, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B

(11) WO 2004/043237 (13) A2

(21) PCT/US2003/036047

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/424,941 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • UNCOUPLED COLLAGEN SYNTHESIS AND DEGRADATION ASSAYS

• DOSAGES DU DECOUPLAGE DE LA SYNTHÈSE ET DE LA DEGRADATION DU COLLAGÈNE

(71) BARNES-JEWISH HOSPITAL [US/US]; 216 South Kingshighway, -, St. Louis, MO 63110 (US).

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(72, 75) SANDELL, Linda, J. [US/US]; 4624 Pershing Place, -, St. Louis, MO 63108 (US). GARNERO, Patrick [FR/FR]; Inserm Unit 403, -, F-69437 Lyon Cedex 03 (FR).

(74) NEALEY, Tara, A.; Sonnenschein Nath & Rosenthal LLP, Attention: IP Department - St. Louis Office, P.O. Box #061080, Wacker Drive Station - Sears Tower, Chicago, IL 60606-1080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A61B**
 (11) **WO 2004/043238** (13) **A2**
 (21) PCT/US2003/036120
 (22) **13 Nov/nov 2003 (13.11.2003)**
 (25) en (26) en
 (30) 60/426,096 **14 Nov/nov 2002 US (14.11.2002)**
 (43) 27 May/mai 2004 (27.05.2004)
 (54) • **BIOMARKERS FOR INTRO-AMNIOTIC INFLAMMATION**
 • **MARQUEURS BIOLOGIQUES DE L'INFLAMMATION INTRO-AMNIOTIQUE**
 (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) **BUHIMSCHI, Irina, A.** [US/US]; 2728 Alisop Place, Apt. 309, Troy, MI 48084 (US).
CHRISTNER, Robert [US/US]; 2262 Parkwood Avenue, Toledo, OH 43620 (US).
 (74) **BENT, Stephen, A. et al.** / etc.; Foley & Lardner, Washington Harbour, Suite 500, 3000 "K" Street, N.W., Washington, DC 20007-5101 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A61B**
 (11) **WO 2004/043240** (13) **A2**
 (21) PCT/US2003/036355
 (22) **12 Nov/nov 2003 (12.11.2003)**
 (25) en (26) en
 (30) 60/426,030 **13 Nov/nov 2002 US (13.11.2002)**
 (43) 27 May/mai 2004 (27.05.2004)
 (54) • **DEVICES AND METHODS FOR CONTROLLING INITIAL MOVEMENT OF AN ELECTROSURGICAL ELECTRODE**
 • **DISPOSITIFS ET PROCÉDES PERMETTANT DE COMMANDER LE DÉPLACEMENT INITIAL D'UNE ÉLECTRODE ÉLECTROCHIRURGICALE**
 (71) **ARTEMIS MEDICAL, INC.** [US/US]; 21021 Corsair Boulevard, Hayward, CA 94545 (US).
 (72) **MARION, Duane, W.**; 3788 Hancock Drive, Santa Clara, CA 95051 (US). **MORRISON, George, A.**; 3 Pilot Circle, Redwood City, CA 94065 (US). **SCHOLL, John, A.**; 14 Woodranch Circle, Danville, CA 94506 (US). **SMITH, Jeffrey, A.**; 1630 Los Olivos Road, Santa Rosa, CA 95404 (US).
 (74) **KAPPOS, John et al.** / etc.; O'MELVENY & MYERS LLP, 114 Pacifica, Suite 100, Irvine, CA 92618 (US).
 (81) AU CA JP.
 (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **A61B**
 (11) **WO 2004/043239** (13) **A2**
 (21) PCT/US2003/036134
 (22) **13 Nov/nov 2003 (13.11.2003)**
 (25) en (26) en
 (30) 60/426,192 **13 Nov/nov 2002 US (13.11.2002)**
 (43) 27 May/mai 2004 (27.05.2004)
 (54) • **ANTIGEN PIPA AND ANTIBODIES THAT BIND THERETO**
 • **ANTIGÈNE PIPA ET ANTICORPS DE LIAISON A CELUI-CI**
 (71) **RAVEN BIOTECHNOLOGIES, INC.** [US/US]; Britannia Oyster Point, 1140 Veterans Boulevard, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MATHER, Jennie, P.** [US/US]; 269 La Prenda Drive, Millbrae, CA 94030 (US). **LI, Ronghao** [CN/US]; 420 Richmond Drive,
- **DISPOSITIF D'EMBOUSISATION ET METHODE D'UTILISATION**
 (71, 72) **FOGARTY, Thomas, J.** [US/US]; 3270 Alpine Road, Portola Valley, CA 94028 (US).
 (72, 75) **DREWS, Michael, J.** [US/US]; 4524 U Street, Sacramento, CA 95817 (US). **MODESITT, D, Bruce** [US/US]; 120 Wingate Avenue, San Carlos, CA 94070 (US). **HOLMGREN, Neil** [US/US]; 6211 N. Winthrop Ave. #605, Chicago IL 60660 (US). **WILLIS, David, B.** [US/US]; 850 College Avenue, Palo Alto, CA 94306 (US).
 (74) **LEVINE, David, A.**; P.O. Box 61180, Palo Alto, CA 94306-1180 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 1/005**
 (11) **WO 2004/043242** (13) **A1**
 (21) PCT/US2003/034301
 (22) **30 Oct/oct 2003 (30.10.2003)**
 (25) en (26) en
 (30) 10/291,889 **8 Nov/nov 2002 US (08.11.2002)**
 (43) 27 May/mai 2004 (27.05.2004)
 (54) • **ENDOSCOPIC IMAGING SYSTEM INCLUDING REMOVABLE DEFLECTION DEVICE**
 • **SYSTÈME D'IMAGERIE ENDOSCOPIQUE COMPRENANT UN DISPOSITIF DE DÉFLEXION AMOVIBLE**
 (71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55411-1566 (US).
 (72) **CHIN, Yem**; 35 University Avenue, Burlington, MA 01803 (US). **BARBATO, Louis, J.**; 8 Skyline Drive, Franklin, MA 02038 (US). **BANIK, Michael, S.**; 119 Wilder Road, Bolton, MA 01740 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
 (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 1/247, 1/12, A61C 17/08

(11) WO 2004/043243 (13) A1

(21) PCT/FR2003/003241

(22) 30 Oct/oct 2003 (30.10.2003)

(25) fr (26) fr

(30) 02/13789 5 Nov/nov 2002 FR
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR MOUNTING A DENTAL
MIRROR

• DISPOSITIF DE MONTAGE D'UN MI-
ROIR DENTAIRE

(71) SWELL [FR/FR]; 4 Rue Henri Mürger,
F-75019 Paris (FR).

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les États désignés sauf US)

(72, 75) MOURIES, Jean-Bernard [FR/FR]; 65
rue de Rivoli, F-75001 Paris (FR).

(74) CLISCI, Serge et al. / etc.; Cabinet
Fedit-Loriot, 38, 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 NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61B 1/32

(11) WO 2004/043244 (13) A1

(21) PCT/US2003/035313

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/289,576 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPLIANT SUCTION SURGICAL
DEVICE

• DISPOSITIF CHIRURGICAL D'ASPI-
RATION FIDELE AU TRAITEMENT

(71) ETHICON, INC. [US/US]; US Route 22,
Somerville, NJ 08876 (US).

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les États désignés sauf US)

(72, 75) D'ARRIGO, Christina, Joy [US/US];
2467 Route 10W, Apt. 11-2B, Morris Plains,
NJ 07950 (US). GORDON, Daniel [US/US];
400 S. State St., Newtown, PA 18940 (US).
TANDON, Rohit [US/US]; 10 Kent Place,
Belle Mead, NJ 08502 (US). WU, Steven,
Zung-Hong [US/US]; 826 Atkinson Circle,

Hillsborough, NJ 08844 (US). STOLOFF,
David [US/US]; 1206 South Branch Drive,
Whitehouse Station, NJ 08889 (US). MA-
TONICK, John [US/US]; 17 Indian Rock
Road, Warren, NJ 07059 (US).

(74) TOMKO, Brian, S.; Johnson & Johnson, 1
Johnson & Johnson Plaza, New Brunswick,
NJ 08933 (US).

(81) AU CA JP US.

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 3/12, G01N 21/47

(11) WO 2004/043245 (13) A1

(21) PCT/PL2003/000118

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) P-357000 12 Nov/nov 2002 PL
(12.11.2002)

(30) P-362154 12 Aug/août 2003 PL
(12.08.2003)

(30) P-363410 12 Nov/nov 2003 PL
(12.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD OF FAST IMAGING OF
OBJECTS BY MEANS OF SPECTRAL
OPTICAL COHERENCE TOMOGRA-
PHY

• PROCEDE D'IMAGERIE RAPIDE
D'OBJETS AU MOYEN DE LA TO-
MOGRAPHIE PAR COHERENCE OP-
TIQUE SPECTRALE

(71, 72) WOSZCZYK, Pawel [PL/PL]; ul. Fiel-
dorfa 9 m.3, PL-80-034 Gdansk (PL). WO-
JTKOWSKI, Maciej [PL/PL]; Boniewo,
PL-Grojezyk 20 (PL). KOWALCZYK,
Andrzej [PL/PL]; ul. Kilnskiego 4 m.5,
PL-87-100 Torun (PL). TARGOWSKI, Pi-
otr [PL/PL]; ul. Legionow 27, PL-87-100
Torun (PL). LEITGEB, Rainer [AT/AT];
Gestetgasse 14/14, A-1030 Wien (AT).
BAJRASZEWSKI, Tomasz [PL/PL]; ul.
Malinowskiego 4 m.11, PL-87-100 Torun
(PL).

(74) POPLAWSKI, Czeslaw; ul. Piecewska
18A/30, PL-80-288 Gdansk (PL).

(81) JP KR US.

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

Published / Publiée : (c)

(51)⁷ A61B 5/00

(11) WO 2004/043246 (13) A1

(21) PCT/CA2003/001706

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) PCT/IB02/04697 11 Nov/nov 2002 IB
(11.11.2002)

(30) 60/505,339 12 Dec/déc 2002 US
(12.12.2002)

(30) 10/624,902 23 Jul/juil 2003 US
(23.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR SE-
LECTING REGIONS OF INTEREST IN
OPTICAL IMAGING

• PROCEDE ET APPAREIL DE SELEC-
TION DE REGIONS D'INTERET EN
IMAGERIE OPTIQUE

(71) ART ADVANCED RESEARCH TECH-
NOLOGIES INC. [CA/CA]; 2300 Al-
fred-Nobel Blvd., Saint-Laurent, Québec
H4S 2S4 (CA).

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les États désignés sauf US)

(72, 75) LONG, William, F. [CA/CA];
570 Charest Blvd. East, Suite 304,
Quebec, Québec G1K 9G3 (CA).
BERUBE-LAUZIERE, Yves [CA/CA];
4400 rue Barrette, Sherbrooke, Québec J1L
1T8 (CA). MCINTOSH, Laura [CA/CA];
2950 Sommerset, Saint-Laurent, Québec
H4K 1R5 (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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/043247 (13) A1

(21) PCT/FR2002/003861

(22) 12 Nov/nov 2002 (12.11.2002)

(25) fr (26) fr

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTROSOMATOGRAM
• ELECTROSOMATOGRAMME

(71) MEDIL.D SARL [FR/FR]; 66, rue de la
Faisanderie, F-75016 Paris (FR).

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les États désignés sauf US)

(72, 75) MAAREK, Albert [FR/FR]; 66 rue de la
Faisanderie, F-75016 Paris (FR).

(74) MEDIL.D SARL; 66 rue de la Faisanderie,
F-75016 Paris (FR).

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

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61B 5/00, 5/11

(11) WO 2004/043248 (13) A1

(21) PCT/JP2003/014087

(22) 5 Nov/nov 2003 (05.11.2003)

(25) ja (26) ja

(30) 2002-358712 7 Nov/nov 2002 JP
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR MEASURING BIOLOGICAL SIGNAL STRENGTH, METHOD FOR JUDGING SLEEPING STATE, AND DEVICE FOR MONITORING SLEEPING STATE

• PROCEDE PERMETTANT DE MESURER L'INTENSITE D'UN SIGNAL BIOLOGIQUE, PROCEDE PERMETTANT D'EVALUER L'ETAT DE SOMMEIL, ET DISPOSITIF CONÇU POUR CONTROLER L'ETAT DE SOMMEIL

(71) CB SYSTEM CO. [JP/JP]; Kanyoshoji Building, 303-8, Kandajinbo-cho 1-chome, Chiyoda-ku, Tokyo 101-0051 (JP).

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(72, 75) NEMOTO, Shin [JP/JP]; 703-28, Toyoshiki, Kashiwa-shi, Chiba 277-0863 (JP).

(74) HIROSE, Tetsuo; Nakanishi Building 5th Floor, 2-5-6, Nishikanda, Chiyoda-ku, Tokyo 101-0065 (JP).

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

(51)⁷ A61B 5/00, 5/11

(11) WO 2004/043249 (13) A1

(21) PCT/JP2003/014341

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-330407 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ORGANISM DATA SENSING DEVICE
• DISPOSITIF DE DETECTION DE DONNEES D'ORGANISME

(71) ADVANCED MEDICAL INC. [JP/JP]; 355-1, Nakura, Fujino-cho, Tsukui-gun, Kanagawa 199-0207 (JP).

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

(71, 72) YANAGA, Akihiko [JP/JP]; c/o ADVANCED MEDICAL INC., 355-1, Nakura, Fujino-cho, Tsukui-gun, Kanagawa 199-0207 (JP).

(74) ONUKI, Kazuyasu et al. / etc.; Shineimiya-masu Building 5th floor, 8-8, Shibuya 1-chome, Shibuya-ku, Tokyo 150-0002 (JP).

(81) CN JP US.

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

(51)⁷ A61B 5/00, G06F 19/00

(11) WO 2004/043250 (13) A1

(21) PCT/US2003/035200

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/291,908 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANALYTE DETECTION SYSTEM WITH SOFTWARE DOWNLOAD CAPABILITIES

• SYSTEME DE DETECTION D'ANALYTE PRESENTANT DES POSSIBILITES DE TELECHARGEMENT DE LOGICIELS

(71) OPTISCAN BIOMEDICAL CORPORATION [US/US]; 1105 Atlantic Avenue, Suite 101, Alameda, CA 94501 (US).

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(72, 75) BRAIG, James, R. [US/US]; 280 Mountain Avenue, Piedmont, CA 94611 (US). HEWETT, Gary, E. [US/US]; 24766 2nd Street, Hayward, CA 94541 (US). MUNROW, Michael, E. [US/US]; 2718 Belmont Canyon Road, Belmont, CA 94002 (US). CORTELLA, Julian, M. [US/US]; 2720 San Jose Avenue, Alameda, CA 94501 (US). AZIZI, Kamraza [US/US]; 2462 Padlock Drive, San Ramon, CA 94583 (US). GOLDBERGER, Daniel, S. [US/US]; 644 College Avenue, Boulder, CO 80302 (US).

(74) DELANEY, Karoline, A.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) 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).

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(11) WO 2004/043251 (13) A1

(21) PCT/US2003/035692

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/289,741 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SPECTROSCOPE WITH MODIFIED FIELD-OF-VIEW

• SPECTROSCOPE POSSEDANT UN CHAMP DE VISION MODIFIE

(63) US 10/289,741 (CON)
7 Nov/nov 2002 (07.11.2002)

(71) INFRAREDIX, INC. [US/US]; 125 Cambridge Park Drive, Cambridge, MA 02140 (US).

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

(72, 75) FURNISH, Simon [US/US]; 30 St. Mark's Place #2D, New York, NY 10003 (US). ZULUAGA, Andres, F. [CO/US]; 130 Bowdoin Street, Apt. 1808, Boston, MA 02108 (US).

(74) LICHUACO, Faustino, A.; Fish & Richardson, P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

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

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

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(51)⁷ A61B 5/04, 5/0428, 5/0432, 5/048

(11) WO 2004/043252 (13) A1

(21) PCT/US2003/030762

(22) 29 Sep/sep 2003 (29.09.2003)

(25) en (26) en

(30) 10/293,105 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR ACQUIRING PHYSIOLOGICAL SIGNALS OF A PATIENT

• SYSTEME ET PROCEDE D'ACQUISITION DE SIGNAUX PHYSIOLOGIQUES D'UN PATIENT

(71) **RECOM MANAGED SYSTEMS, INC.** [US/US]; Suite 203, 4705 Laurel Canyon, Studio City, CA 91607 (US).

(72) **DRAKULIC, Budimir**; 10390 Wilshire Boulevard, No. 815, Los Angeles, CA 90024 (US).

(74) **PARKHURST, David, G. et al. / etc.**; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, 6060 Center Drive, Tenth Floor, Los Angeles, CA 90045 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 5/053, 5/107**

(11) **WO 2004/043253** (13) A1

(21) PCT/US2003/035122

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 60/424,568 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR PRODUCING AN ELECTRICAL PROPERTY IMAGE OF SUBSTANTIALLY HOMOGENOUS OBJECTS CONTAINING INHOMOGENEITIES

• PROCEDE ET DISPOSITIF POUR PRODUIRE UNE IMAGE DES PROPRIETES ELECTRIQUES D'OBJETS PRATIQUEMENT HOMOGENES CONTENANT DES INHOMOGENEITES

(71) **WISYS TECHNOLOGY FOUNDATION, INC.** [US/US]; 614 Walnut Street, Madison, WI 53705 (US).

(72) **GREGORY, Christopher, William**; 155 East Fairmount Avenue, Whitefish Bay, WI 53217 (US). **GREGORY, William, D.**; 2320 East Edgewood Avenue, Shorewood, WI 53211 (US).

(74) **SAMMONS, Barry, E.**; 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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

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(51)⁷ **A61B 5/087**

(11) **WO 2004/043254** (13) A1

(21) PCT/GB2003/004846

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) 0226522.1 **14 Nov/nov 2002 (14.11.2002)** GB

(43) 27 May/mai 2004 (27.05.2004)

(54) • BREATH MONITORING DEVICE AND METHOD

• DISPOSITIF ET PROCEDE DE SURVEILLANCE RESPIRATOIRE

(71) **NUTREN TECHNOLOGY LIMITED** [GB/GB]; The Campus Venture Centre, University of Manchester, Oxford Road, Manchester M13 9PL (GB).

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

(72, 75) **BRADLEY, Austen, Peter** [GB/GB]; Nutren Technology Limited, The Campus Venture Centre, University of Manchester, Oxford Road, Manchester M13 9PL (GB).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 **A61B 5/103, 5/00**

(11) **WO 2004/043255** (13) A1

(21) PCT/US2002/035668

(22) **7 Nov/nov 2002 (07.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR ASSESSING THE EFFICACY OF SKIN CARE PRODUCTS

• PROCEDE D'EVALUATION DE L'EFFICACITE DE PRODUITS DE SOINS DE BEAUTE

(71) **JOHNSON & JOHNSON CONSUMER COMPANIES, INC.** [US/US]; 199 Grandview Road, Skillman, NJ 08558 (US).

(72) **MEROLA, Kenneth**; 6334 Aquarius Avenue, Agoura Hills, CA 91301 (US). **KOLLIAS, Nikiforos**; 406 Sunset Road, Skillman, NJ 08558 (US). **POTE, Jeffrey, S.**; 140 Kressman Road, Easton, PA 18042 (US). **PAYONK, Gregory**; 41 Kevin Drive, Flanders, NJ 07836 (US).

(74) **JOHNSON, Philip, S. et al. / etc.**; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

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

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

(51)⁷ **A61B 5/103**

(11) **WO 2004/043256** (13) A2

(21) PCT/US2003/036322

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,784 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTELLIGENT MEDICAL DEVICE BARRIER

• BARRIERE D'UN DISPOSITIF MEDICAL INTELLIGENT

(71) **PROUROCARE, INC.** [US/US]; One Carlson Parkway, Plymouth, MN 55447 (US).

(72) **TODD, Leonard**; 11650 Timberline Road, Minnetonka, MN 55305 (US). **TAYLOR, Maurice, R.**; 550 East Long Lake Road, Wayzata, MN 55391 (US).

(74) **DUNN McKAY, Diane**; Mathews, Collins, Shepherd & McKay, PA, Suite 306, 100 Thanet Circle, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 5/0488**

(11) **WO 2004/043257** (13) A1

(21) PCT/DE2003/003652

(22) **4 Nov/nov 2003 (04.11.2003)**

(25) de (26) de

(30) 102 53 075.0 **13 Nov/nov 2002 (13.11.2002)** DE

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR THE DIAGNOSIS AND/OR THERAPY OF FUNCTIONAL DISORDERS OF THE CERVICAL SPINE

• DISPOSITIF POUR LE DIAGNOSTIC ET / OU LA THÉRAPIE DE TROUBLES

FONCTIONNELS DE LA COLONNE
CERVICALE

- (71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Hansastrasse 27c, 80686 München (DE). **UNIVERSITÄT ULM** [DE/DE]; 89069 Ulm (DE).

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- (72, 75) **BOCKHOLT, Ulrich** [DE/DE]; Altkönigstr. 24, 55127 Mainz (DE). **BISLER, Alexander** [DE/DE]; Ingelheimer Str. 1, 64295 Darmstadt (DE). **KRAMER, Michael** [DE/DE]; Krumme Halde 68, 89081 Ulm (DE). **HARTWIG, Erich** [DE/DE]; Rohrweg 5, 89079 Ulm (DE).

- (74) **GAGEL, Roland**; Landsberger Str. 480a, 81241 München (DE).

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

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

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(51)⁷ **A61B 5/15**

(11) **WO 2004/043258** (13) A1

(21) PCT/JP2003/013678

(22) **27 Oct/oct 2003 (27.10.2003)**

(25) ja (26) ja

(30) 2002-313367 **28 Oct/oct 2002 JP (28.10.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **NEEDLE INSERTION TOOL**

• **OUTIL D'INTRODUCTION D'AI-GUILLE**

- (71) **SEKISUI CHEMICAL CO., LTD.** [JP/JP]; 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP).

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- (72, 75) **TOMINAGA, Satoru** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (JP). **KANNO, Mamoru** [JP/JP]; c/o SEKISUI CHEMICAL CO., LTD., 4-4, Nishitemma 2-chome, Kita-ku, Osaka-shi, Osaka 530-8565 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A61B 5/16**

(11) **WO 2004/043259** (13) A1

(21) PCT/JP2002/011738

(22) **11 Nov/nov 2002 (11.11.2002)**

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PSYCHOSOMATIC CONDITION DIAGNOSIS SYSTEM**

• **SYSTEME DE DIAGNOSTIC D'ETATS PSYCHOSOMATIQUES**

- (71) **ELECTRONIC NAVIGATION RESEARCH INSTITUTE, AN INDEPENDENT ADMINISTRATIVE INSTITUTION** [JP/JP]; 42-23, Jindaijigashi-machi 7-chome, Chofu-shi, Tokyo 182-0012 (JP). **MITSUBISHI SPACE SOFTWARE CO., LTD.** [JP/JP]; 4-1, Hamamatsucho 2-chome, Minato-ku, Tokyo 105-6137 (JP).

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- (71, 72) **SHIOMI, Kakuichi** [JP/JP]; 401, Metro Building, 5-11, Higashi-shimbashi 2-chome, Minato-ku, Tokyo 105-0021 (JP). **TAKAOKA, Michiko** [JP/JP]; 1-10, Nishi-kojiya 3-chome, Ota-ku, Tokyo 144-0034 (JP).

- (72, 75) **MEGURO, Naritomo** [JP/JP]; c/o Mitsubishi Space Software Co., Ltd., 17-16, Hamamatsucho 1-chome, Minato-ku, Tokyo 105-0013 (JP). **FURUSE, Nobuhiko** [JP/JP]; c/o Mitsubishi Space Software Co., Ltd., 17-16, Hamamatsucho 1-chome, Minato-ku, Tokyo 105-0013 (JP). **SUGIMOTO, Yoshio** [JP/JP]; c/o Mitsubishi Space Software Co., Ltd., 27-16, Hamamatsucho 1-chome, Minato-ku, Tokyo 105-0013 (JP).

- (74) **IKUTA, Tetsuo et al.** / etc.; **IKUTA & NAKOSHI LAW AND PATENT OFFICE**, Aoyama MS Bldg. 7F., 7-5, Jingumae 3-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(81) IL IN KR SG US.

(84) EP (CH DE ES FR GB IT SE).

(51)⁷ **A61B 5/20, 10/00, A61M 25/00**

(11) **WO 2004/043260** (13) A1

(21) PCT/JP2002/011881

(22) **14 Nov/nov 2002 (14.11.2002)**

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CATHETER FOR DIAGNOSING INTERSTITIAL CYSTITIS**

• **CATHETER DE DIAGNOSTIC D'UNE CYSTITITE INTERSTITIELLE**

- (71) **TSUKADA MEDICAL RESEARCH CO., LTD.** [JP/JP]; 8-12-501, Kitashinjuku 4-chome, Shinjuku-ku, Tokyo 169-0074 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **NAKAJIMA, Yasuhiko** [JP/JP]; 5854-4, Tamura, Hiratsuka-shi, Kanagawa 254-0013

- (JP). **UEDA, Tomohiro** [JP/JP]; 2-1108, 31-1, Nakajima kawaraden-cho, Fushimi-ku, Kyoto-shi, Kyoto 612-8469 (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) CA JP US.

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

(51)⁷ **A61B 6/00**

(11) **WO 2004/043261** (13) A1

(21) PCT/EP2003/012667

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) de (26) de

(30) 102 52 931.0 **14 Nov/nov 2002 DE (14.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CEILING SUPPORT FOR A MEDICO-TECHNICAL RADIATION SOURCE**

• **SUPPORT PLAFONNIER DESTINE A RECEVOIR UNE SOURCE DE RAYONNEMENT MEDICO-TECHNIQUE**

- (71) **HANS PAUSCH GMBH & CO.** [DE/DE]; Graf-Zeppelin-Str. 1, 91056 Erlangen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **STEGEGER, Rainer** [DE/DE]; Südstr. 16, 91353 Hausen (DE). **BRILL, Michael** [DE/DE]; Hausackerweg 3, 91056 Erlangen (DE).

- (74) **GASSNER, Wolfgang**; Nägelsbachstr. 49 A, 91052 Erlangen (DE).

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

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

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(51)⁷ **A61B 7/02**

(11) **WO 2004/043262** (13) A1

(21) PCT/BR2003/000112

(22) **13 Aug/août 2003 (13.08.2003)**

(25) en (26) en

(30) MU 8202701-3 **13 Nov/nov 2002 BR (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **ANTIMICROBIAN PROTECTIVE WRAPPER FOR STETHOSCOPE DIAPHRAGM**

• **EMBALLAGE PROTECTEUR ANTI-MICROBIEN DESTINE A UN DIAPHRAGME DE STETHOSCOPE**

(71) **BHS TECNOLOGIA LTDA** [BR/BR]; Avenida Dr. Yojiro Takaoaka, 4384 - Sala 1437, Alphaville - Santana de Parnaíba, 05600-000 São Paulo (BR).
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(72, 75) **ROXO, José, F. A.** [BR/BR]; Avenida Dr. Yojiro Takaoaka, 4384 - Sala 1437, Alphaville - Santana de Parnaíba, 05600-000 São Paulo (BR).

(74) **GAIRSA, Lucas, M. et al.** / etc.; Av. Brigadeiro Faria Lima, 1485 - 12^o Floor, 01451-904 São Paulo (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 NI NO NZ OM PG PH PL PT RO RU SC 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 05/02**

(11) **WO 2004/043263** (13) **A2**

(21) PCT/US2003/035474

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

(25) en (26) en

(30) **P 020104280** **7 Nov/nov 2002** **AR**
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **MONITORING RESPIRATORY MOVEMENTS DEVICE**
• **DISPOSITIF DE MONITORAGE DES MOUVEMENTS RESPIRATOIRES**

(71) **BLOCK, David, Cesar** [US/US]; 9299 Longmedow Circle, Boyton Beach, FL 33436-3137 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SILVA, Carlos, Daniel** [AR/AR]; Calle 43 n° 183 - La Plata, Buenos Aires (AR).

(74) **LONDA, Bruce, S.**; Norris McLaughlin & Marcus, 220 East 42nd Street, 30th Floor, New York, NY 10017 (US).

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

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

(51)⁷ **A61B 10/00, G01N 1/18**

(11) **WO 2004/043264** (13) **A1**

(21) PCT/GB2003/004644

(22) **27 Oct/oct 2003 (27.10.2003)**

(25) en (26) en

(30) **0226640.1** **14 Nov/nov 2002** **GB**
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **URINE SAMPLING DEVICE**
• **DISPOSITIF DE PRELEVEMENT D'URINE**

(71) **TECHNICAL SERVICES CONSULTANTS LIMITED** [GB/GB]; The Rope-walk, Schofield Street, Heywood, Lancashire, OL10 1DS (GB). **SOUTH MANCHESTER UNIVERSITY HOSPITALS NHS TRUST** [GB/GB]; Wythenshawe Hospital, Southmoor Road, Wythenshawe, Manchester M23 9LT (GB).
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(72, 75) **KAVANAGH, John** [GB/GB]; 80 South West Avenue, Bollington, Macclesfield SK10 5DS (GB). **WILLIAMS, Robert** [GB/GB]; 12 Poise Close, Hazel Grove, Stockport SK7 4NY (GB). **KINSELLA, Roger** [GB/GB]; 10 Dorest Road, Altrincham, Cheshire WA14 4QN (GB). **LANYON, Graham** [GB/GB]; 17 Ribble Grove, Heywood, Lancashire OL10 4SD (GB).

(74) **PARKINSON, Neil, Scott**; Marks & Clerks, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (GB).

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

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

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(51)⁷ **A61B 17/00, 17/04**

(11) **WO 2004/043265** (13) **A2**

(21) PCT/US2003/035037

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) **60/425,519** **12 Nov/nov 2002** **US**
(12.11.2002)

(30) **10/704,143** **10 Nov/nov 2003** **US**
(10.11.2003)

(30) **10/704,145** **10 Nov/nov 2003** **US**
(10.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **DEVICES AND METHODS FOR HEART VALVE TREATMENT**
• **DISPOSITIFS ET METHODES DE TRAITEMENT DE VALVULES CARDIAQUES**

(71) **MYOCOR, INC.** [US/US]; 13300 67th Avenue North, Maple Grove, MN 55311 (US).
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(72, 75) **VIDLUND, Robert, M.** [US/US]; 1811 Kennard Street, Maplewood, MN 55109 (US). **KALGREEN, Jason, E.** [US/US]; 14820 39th Avenue North, Plymouth, MN 55446 (US). **MORTIER, Todd, J.** [US/US]; 3008 Colfax Ave South, Minneapolis, MN 55408 (US). **SCHWEICH, Cyril, J., Jr.** [US/US]; 8936 Willowby Crossing, Maple Grove, MN 55311 (US). **SCHROEDER, Richard** [US/US]; 5497 East Danube Road NE, Fridley, MN 55432 (US). **KUSZ, David** [US/US]; 3229 39th Avenue South, Minneapolis, MN 55406 (US). **EKVALL, Craig, A.** [US/US]; 15959 214th Avenue, N.W., Elk River, MN 55330 (US). **MATTHEES, Edward** [US/US]; 11-2nd Street S.E., Minneapolis, MN 55414 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A61B 17/00**

(11) **WO 2004/043266** (13) **A2**

(21) PCT/US2003/035998

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) **60/424,491** **7 Nov/nov 2002** **US**
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PATENT FORAMEN OVALE (PFO) CLOSURE WITH MAGNETIC FORCE**
• **FERMETURE DU FORAMEN OVALE PERMEABLE AVEC UNE FORCE MAGNETIQUE**

(71) **NMT MEDICAL, INC.** [US/US]; 27 Wormwood Street, Boston, MA 02210 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OPOLSKI, Steven, W.** [US/US]; 330 Fiske Street, Carlisle, MA 01741 (US).

(74) **DIENER, Michael et al.** / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

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

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

(11) WO 2004/043267 (13) A2

(21) PCT/US2003/035449

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,243 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SUCTION-ASSISTED TISSUE ENGAGEMENT THROUGH A MINIMALLY INVASIVE INCISION

• PRISE DE TISSU ASSISTEE PAR ASPIRATION A TRAVERS UNE INCISION AVEC EFFRACTION MINIMALE

(71) MEDTRONIC, INC. [US/US]; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) HAARSTAD, Philip, J.; 7066 Harrison Hill Trail, Chanhassen, MN 55317 (US). OLIG, Christopher; 7000 Sleepy Jollow lane, Eden Prairie, MN 55346 (US). ROTHSTEIN, Paul, T.; 17582 Weaver Lake Drive North, 55311 Maple Grove (US). STEINBERG, William, A.; 10308 Hollywood Boulevard, Coon Rapids, MN 55433 (US). KIM, David, J., S.; 17190 90th Place North, Maple Grove, MN 55311 (US). DAIGLE, Thomas, P.; 22600 County Road 30, Corcoran, MN 55374 (US). THOMAS, Ann, M.; 13700 5th Avenue North, Plymouth, MN 55441 (US). ROSS, Brian, J.; 6232 Fernbrook Lane North, Maple Grove, MN 55311 (US). CHRISTIAN, Steven, C.; 695 Riviera Drive, New Brighton, MN 55112 (US). REETZ, Robert, H.; 4031 Woodhill Court, Rockford, MN 55373 (US). HOBDAV, Michael, J.; 6726 Black Duck Drive, Lino lakes, MN 55014 (US).

(74) LATHAM, Daniel, W. et al. / etc.; MC LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61B 17/08

(11) WO 2004/043268 (13) A1

(21) PCT/US2003/021847

(22) 11 Jul/juil 2003 (11.07.2003)

(25) en (26) en

(30) 10/288,577 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANASTOMOTIC DEVICE

• DISPOSITIF ANASTOMOTIQUE

(71) PARK MEDICAL, LLC [US/US]; 218 Wind Haven Drive, Nicholasville, KY 40356 (US).

(72) PARK, Adrian, Edward; 218 Wind Haven Drive, Nicholasville, KY 40356 (US). KNAPP, Charles, Francis; 110 Sheldrake Court, Georgetown, Ky 40324 (US).

(74) PRICE, Douglas, D.; STEPTOE & JOHNSON LLP, 1330 Connecticut Avenue, NW, Washington, DC 20036 (US).

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

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(51)⁷ A61B 17/14

(11) WO 2004/043269 (13) A1

(21) PCT/US2003/034912

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/425,461 12 Nov/nov 2002 US (12.11.2002)

(30) 10/700,256 3 Nov/nov 2003 US (03.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SURGICAL SAW BLADE COUPLER

• ELEMENT DE RACCORDEMENT DE LAME DE SCIE CHIRURGICALE

(71) STRYKER INSTRUMENTS [US/US]; 4100 East Millham, Kalamazoo, MI 49001 (US).

(72) GANT, Andrew; 12610 Riata Tr. Pkwy., #422, Austin, TX 78727 (US).

(74) YEE, James, R. et al. / etc.; Howard And Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield Hills, MI 48304 (US).

(81) CA JP.

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

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(51)⁷ A61B 17/16

(11) WO 2004/043270 (13) A1

(21) PCT/US2003/036619

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/292,515 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADJUSTABLE LENGTH TAP AND METHOD FOR DRILLING AND TAPPING A BORE IN BONE

• TARAUDAGE A LONGUEUR REGLABLE ET PROCEDE POUR PERCER ET TARAUDER UN ORIFICE DANS UN OS

(71) SYNTHES (U.S.A.) [US/US]; 1690 Russell Road, Paoli, PA 19301-1222 (US).

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

(72, 75) ZWIRNMANN, Ralph, F. [US/US]; 1591 Edgewood Ave., Roslyn, PA 19001-1520 (US).

(74) ROTHERY, Brian, M. et al. / etc.; Pennic & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

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

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(51)⁷ A61B 17/16

(11) WO 2004/043271 (13) A1

(21) PCT/US2003/009285

(22) 25 Mar/mar 2003 (25.03.2003)

(25) en (26) en

(30) 60/424,942 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TRANSPEDICULAR INTERVERTEBRAL DISK ACCESS METHODS AND DEVICES

• PROCEDES ET DISPOSITIFS D'ACCES TRANSPEDICULAIRE AUX DISQUES INTERVERTEBRAUX

(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) TEITELBAUM, George, P. [US/US]; 325 16th Street, Santa Monica, CA 90402-2217 (US). SHAOLIAN, Samuel, M. [US/US]; 2315 Arbutus Street, Newport Beach, CA 92660 (US). NGUYEN, Thanh, Van [US/US]; 4752 Roxbury Drive, Irvine, CA 92604 (US). NGUYEN, Frank [US/US]; 1209 South Thomas Street, #C, Pomona, CA 91766 (US). PHAM, To, V. [US/US]; 28422 Pueblo Drive, Trubuco Canyon, CA 92679 (US). DIVINO Jr., Vincent [US/US]; 24436 Muela, Mission Viejo, CA 92692 (US). HENSON, Michael, R. [US/US]; 2 Via Presea, Coto de Casa, CA 92679 (US).

(74) FARAH, David, A., et al. / etc.; Sheldon & Mak PC, 225 South Lake Avenue, 9th Floor, Pasadena, CA 91101 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ 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 A61B 17/20, A61N 1/05

(11) WO 2004/043272 (13) A1

(21) PCT/AU2003/001482

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 2002952663 14 Nov/nov 2002 AU (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN INTRAMURAL NEEDLE-TIPPED SURGICAL DEVICE

• DISPOSITIF CHIRURGICAL A AI-GUILLE INTERNE INCLINEE

(71) WESTERN SYDNEY AREA HEALTH SERVICE [AU/AU]; Westmead Hospital, Westmead, NSW 2145 (AU).

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(72, 75) THIAGALINGAM, Aravinda [AU/AU]; 30 Cove Street, Birchgrove, NSW 2041 (AU). KOVOOR, Pramesh [AU/AU]; 22/1 Reid Avenue, Wentworthville, NSW 2145 (AU). ROSS, David [AU/AU]; 41 Cheltenham Road, Cheltenham, NSW 2199 (AU).

(74) SPRUSON & FERGUSON; GPO BOX 3898, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/32

(11) WO 2004/043273 (13) A2

(21) PCT/US2003/035988

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,078 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR CUTTING A HEART VALVE

• APPAREIL ET PROCEDE PERMETTANT DE COUPER UNE VALVE CARDIAQUE

(71) ROSENGART, Todd, K. [US/US]; 1016 Brittany Road, Highland Park, IL 60035-3952 (US).

(74) KILYK, Luke, A.; Kilyk & Bowersox PLLC., 53 A East Lee Street, Warrenton, VA 20186 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 17/34

(11) WO 2004/043274 (13) A1

(21) PCT/IL2003/000949

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 152813 13 Nov/nov 2002 IL (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR APPLICATION OF MEDICAL PREPARATIONS TO SURFACES OF THE CLOSED VISCERAL CAVITIES, FOR EXAMPLE, TO THE PLEURA OR THE PERITONEUM

• METHODE ET DISPOSITIF POUR APPLIQUER DES PREPARATIONS MEDICALES SUR DES SURFACES DE CAVITES VISCERALES FERMEES,

PAR EXEMPLE SUR LA PLEVRE OU LE PERITOINE

(71) FREEDMAN, Zeev, (Vladimir) [IL/IL]; P.O.Box 44184, 61441 Tel Aviv (IL). TARAN, David [IL/IL]; P.O.Box 9012, 61090 Tel Aviv (IL).

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(71, 72) GASIN, Viacheslav [IL/IL]; Emek Dotan 9/3, 52621 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ A61B 17/34, A61M 39/06, 13/00, 25/00, A61B 19/00

(11) WO 2004/043275 (13) A1

(21) PCT/US2003/035586

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,062 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SELF SEALING CANNULA

• CANULE AUTOCLAVE

(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).

(74) WEBBER, Donald, L. et al. / etc.; Patent Counsel, United States Surgical, Tyco Healthcare Group LP, 150 Glover Avenue, Norwalk, CT 06856 (US).

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

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

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(51)⁷ A61B 17/80

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(21) PCT/FR2003/003331

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02/14038 8 Nov/nov 2002 FR
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CLAMPING NUT FOR OSTEOSYN-
THESIS DEVICE

• ECROU DE SERRAGE POUR DISPOSITIF D'OSTEOSYNTHESE

(71) SCIENT'X [FR/FR]; Bâtiment Calypso, 18, Parc Ariane, F-78284 Guyancourt (FR).

(72) CARLI, Olivier; 1, Place du Port, Case Postale 6193, CH-1207 Genève 6 (CH).

(74) THIBAUT, Jean-Marc; Cabinet Beau de Loménie, 51, Avenue Jean Jaurès, B. P. 7073, F-69301 Lyon Cedex 07 (FR).

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

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

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(51)⁷ A61B 17/86, 17/70, 17/72, 17/84

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(21) PCT/CA2003/001722

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 1902/02 13 Nov/nov 2002 CH
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANCHORING SYSTEM FOR FIXING
OBJECTS TO BONES• SYSTEME D'ANCRAGE POUR LA
FIXATION D'OBJETS SUR DES OS(71) NEURORTHO IMPLANTS DESIGN, LLC [US/US]; 1219 Avondale Lane, West Palm Beach, FL 33409 (US).
(for all designated States except / pour tous les États désignés sauf US)(71) SOFIA, Michel [CA/CA]; C/O GOUDREAU GAGE DUBUC, Stock Exchange Tower, Suite 3400, C.P. 242, 800 Place-Victoria, Montreal, Quebec H4Z 1E9 (CA).
(only for / seulement pour MG)

(72, 75) SEVRIN, Lionel, C. [FR/US]; 1219 Avondale Lane, West Palm Beach, FL 33409 (US).

(74) DUBUC, J. et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).

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

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

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

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(51)⁷ A61B 17/86

(11) WO 2004/043278 (13) A1

(21) PCT/CH2002/000608

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • ARTICULAR FACET INTERFERENCE
SCREW

• VIS D'INTERFERENCE POUR FACETTE ARTICULAIRE

(71) SYNTHES AG CHUR [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
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(72, 75) PAVLOV, Paul [NL/NL]; Louiseweg 5, NL-6523 NA Nijmegen (NL). FRIGG, Robert [CH/CH]; Mattenweg 8, CH-2544 Bettlach (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.

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

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(51)⁷ A61B 18/14, 17/22, A61F 2/01

(11) WO 2004/043279 (13) A2

(21) PCT/EP2003/012600

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 325.8 11 Nov/nov 2002 DE
(11.11.2002)(30) 102 57 146.5 6 Dec/déc 2002 DE
(06.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METAL ELECTRODE

• ELECTRODE METALLIQUE

(71) ADMEDES SCHUESSLER GMBH [DE/DE]; Rastatter Strasse 15, 75179 Pforzheim (DE).

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

(71) BERCHTOLD HOLDING GMBH [DE/DE]; Ludwigstaller Strasse 25, 78532 Tuttlingen (DE).

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(72, 75) FLAXMEIER, Erik [DE/DE]; Fliederstrasse 23, 76307 Karlsfeld (DE). STEINER, Ralf [DE/DE]; In den Metzgerlesgärten 12, 75181 Pforzheim (DE). MÜLLER, Wolfgang [DE/DE]; Brunnental Strasse 143, 78532 Tuttlingen (DE).

(74) RUTETZKI, Andreas; 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 NI NO NZ OM PG PH PL PT 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 A61B 18/18

(11) WO 2004/043280 (13) A1

(21) PCT/US2003/030687

(22) 26 Sep/sep 2003 (26.09.2003)

(25) en (26) en

(30) 10/291,862 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEMS AND METHODS FOR
TREATING OBESITY AND OTHER
GASTROINTESTINAL CONDITIONS• SYSTEMES ET PROCEDES DE
TRAITEMENT DE L'OBESITE ET
D'AUTRES ETATS GASTRO-INTESTI-
NAUX

(71) CURON MEDICAL, INC. [US/US]; 46117 Landing Parkway, Fremont, CA 94538-6407 (US).

(72) DAVID, S. Utley; 3725 Jefferson Court, Redwood City, CA 94062 (US). RACHEL, E. Croft; 2240 Green Street, #3, San Francisco, CA 94123 (US). JOHN, W. Graiser; 373 Paul Avenue, Mountain View, CA 94041 (US).

(74) RAYAN, Daniel, D. et al. / etc.; P.O. Box 26618, Milwaukee, WI 53226-0618 (US).

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

SG SK SL TJ TM TN TR TT TZ UA UG UZ
VN YU ZA ZW.

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

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(51)⁷ A61C

(11) WO 2004/043281 (13) A2

(21) PCT/US2003/035113

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/292,182 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • EXPANDABLE POLYMER DENTAL
IMPLANT AND METHOD OF USE
• IMPLANT DENTAIRE POLYMER EX-
TENSIBLE ET SON PROCEDE D'UTI-
LISATION

(71) INCUMED, INC. [US/US]; 7429 ACC Blvd
Suite 107, Raleigh, NC 27617 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MCDEVITT, Dennis [US/US]; 9116
Club Hill Drive, Raleigh, NC 27617 (US).

(74) GLASGOW, Jinan; P.O. Box 28539,
Raleigh, NC 27611-8539 (US).

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

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

(51)⁷ A61C 1/00

(11) WO 2004/043282 (13) A2

(21) PCT/IB2003/005091

(22) 12 Nov/nov 2003 (12.11.2003)

(25) fr (26) fr

(30) 02 14106 12 Nov/nov 2002 FR
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • OPTICAL DEVICE FOR FACILI-
TATING SENSITIVE PROCEDURES
ADAPTED TO DENTAL USES

• DISPOSITIF OPTIQUE POUR FACI-
LITER LES INTERVENTIONS DELI-
CATES, ADAPTE AUX APPLICATIONS
DENTAIRES

(71, 72) BOCQUET, Maurice [FR/FR]; 201,
rue de la République, F-69220 Belleville Sur
Saône (FR).

(74) GROSFILLIER, Philippe et al. / etc.; C/O
Bugnion S.A., Case Postale 375, CH-1211
Genève 12 (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 A61C 3/03

(11) WO 2004/043283 (13) A1

(21) PCT/FR2003/003218

(22) 29 Oct/oct 2003 (29.10.2003)

(25) fr (26) fr

(30) 02/13975 8 Nov/nov 2002 FR
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PERIODONTAL THERAPY INSTRU-
MENT

• INSTRUMENT DE TRAITEMENT PA-
RONDONTAL

(71) MICRO-MEGA INTERNATIONAL
MANUFACTURES [FR/FR]; Société
Anonyme, 5, rue du Tunnel, F-25000 Besan-
con (FR).
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les États désignés sauf US)

(72, 75) BOITEUX, Philippe [FR/FR]; 1 rue
des Terroux, F-25610 Arc et Senans (FR).
EUVRARD, Hubert [FR/FR]; 10, chemin
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OUHAYOUN, Jean-Pierre [FR/FR]; 115,
rue de Rennes, F-75006 Paris (FR).

(74) POUPON, Michel; Cabinet Michel Poupon,
3, rue Ferdinand Brunot, F-88026 Epinal
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 PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

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

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(21) PCT/EP2003/012308

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) 102 52 752.0 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • ELECTRIC TOOTHBRUSH AND COR-
RESPONDING TOOTHBRUSH HEAD
• Brosse à dents électrique et
tête de brosse à dents corres-
pondante

(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) KRESSNER, Gerhard [DE/DE];
Ringstrasse 46, 63674 Altenstadt (DE).
SCHWARZ-HARTMANN, Armin
[DE/DE]; Bahnhofstrasse 46, 55234 Wen-
delsheim (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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

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

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(51)⁷ A61C 19/04, G01N 19/04, A61K 6/00, 9/16

(11) WO 2004/043285 (13) A1

(21) PCT/GB2003/003709

(22) 26 Aug/août 2003 (26.08.2003)

(25) en (26) en

(30) 0226346.5 12 Nov/nov 2002 GB
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • APPARATUS AND METHOD FOR
TESTING BOND BETWEEN A DEN-
TURE MATERIAL AND AN ADHESIVE
COMPOSITION

• APPAREIL ET PROCEDE PERMET-
TANT DE TESTER LA LIAISON EXIS-
TANT ENTRE UN MATERIAU DE
PROTHESE DENTAIRE ET UNE COM-
POSITION DE CIMENT

(71) RECKITT BENCKISER (UK) LIMITED
[GB/GB]; 103-105 Bath Road, Slough, Berk-
shire SL1 3UH (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DICKSON, Paul, Andrew [GB/GB];
Reckitt Benckiser Healthcare (UK) Lim-
ited, Dansom Lane, Hull HU8 7DS (GB).
SPENCER, Alfred, Vincent [GB/GB]; c/o
Reckitt Benckiser Healthcare (UK) Limited,
Dansom Lane, Hull HU8 7DS (GB).

(74) HALL, Marina et al. / etc.; Reckitt Benckiser Plc, Dansom Lane, Hull HU8 7DS (GB).

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

(u) for / pour US only / seulement

(51)⁷ A61D

(11) WO 2004/043286 (13) A2

(21) PCT/IB2003/005103

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/426,421 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF RMLT AS A MARKER ANTIGEN FOR VACCINES AND AS A SYNERGISTIC ADJUVANT WITH AMPHIGEN

• UTILISATION DE RMLT EN TANT QU'ANTIGÈNE MARQUEUR POUR VACCINS ET EN TANT QU'ADJUVANT SYNERGETIQUE AVEC AMPHIGEN

(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) MCVEY, David, Scott [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; c/o Simpson, Alison, Urquhart-Kykes & 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043287 (13) A2

(21) PCT/US2003/035625

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,593 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL COMPOSITIONS THAT ENHANCE PRODUCTION PERFORMANCE IN AVIANS

• NOUVELLES COMPOSITIONS POUR AMÉLIORER LES PERFORMANCES DE PRODUCTION AVIAIRE

(71) AGRITECH TECHNOLOGY, LTD [US/US]; Two Hickory Plaza, 1750 Valley View Lane, Suite 110, Dallas, TX 75243 (US). THE BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE [US/US]; P.B. Box 25055, Baton Rouge, LA 70894-5055 (US). ELI LILLY AND COMPANY [US/US]; P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

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

(72, 75) CADD, Gary, G. [US/US]; 501 Turner Road, Apt. 1111, Grapevine, TX 76051 (US). SATTERLEE, Daniel, G. [US/US]; 18394 Greenbriar Street, Prairieville, LA 70769 (US). FIORETTI, William, C. [US/US]; 2224 Lakeridge Rd. Dr., Grapevine, TX 76051 (US). HERSHBURGER, Charles, L. [US/US]; 1475 Harmony Trail West, Greenfield, IN 46140 (US). LAMBOOY, Peter, K. [US/US]; 8269 Castle Ridge Lane, Indianapolis, IN 46256 (US).

(74) PRATT, John, S. et al. / etc.; Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, GA 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61F

(11) WO 2004/043288 (13) A2

(21) PCT/US2003/028234

(22) 8 Sep/sep 2003 (08.09.2003)

(25) en (26) en

(30) 10/289,588 7 Nov/nov 2002 US (07.11.2002)

(30) 60/439,417 10 Jan/jan 2003 US (10.01.2003)

(30) 60/463,417 16 Apr/avr 2003 US (16.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOUTHPIECE FOR REDUCING SNORING

• EMBOUT BUCCAL POUR RÉDUIRE LE RONFLEMENT

(71, 72) ZACCO, Christopher, B. [US/US]; 1217 SE 7th Street, Ocala, FL 34471 (US).

(74) ESTEVEZ, Enrique, G.; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., Suite 1401, 255 South Orange Avenue, Ste 1401, P.O. Box 3791, Orlando, FL 32802-3791 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61F

(11) WO 2004/043289 (13) A2

(21) PCT/US2003/032744

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,321 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANKLE-FOOT ORTHOSIS
• ORTHESE CHEVILLE-PIED

(71) OSSUR HF [IS/IS]; Grjothals 5, 110 Reykjavík (IS). OSSUR NORTH AMERICA, INC. [US/US]; 27412 Laguna Hills Drive, Aliso Viejo, CA 92656 (US).

(72) INGIMUNDARSON, Arni, Thor; Hraunbaer 98, 110 Reykjavík (IS). OLAFSSON, Orn; Sudurhvatnarmur 23, 220 Hafnarfjörður (IS). CLAUSEN, Arinbjörn, Viggo; Heiðargærdi 60, 108 Reykjavík (IS). DE ROY, Kim, Peter, Viviane; Laufriima 14B, 112 Reykjavík (IS).

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

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

(51)⁷ A61F

(11) WO 2004/043290 (13) A2

(21) PCT/US2003/035348

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

- (30) 60/424,912 **8 Nov/nov 2002** US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **IMPLANTED OUTER EAR CANAL HEARING AID**
• **APPAREIL DE CORRECTION AUDITIVE D'OREILLE INTERNE IMPLANTE**
- (71) **ADVANCED BIONICS CORPORATION** [US/US]; 12740 San Fernando Road, Sylmar, CA 91342 (US). **MEDICAL RESEARCH PRODUCTS-B, INC.** [US/US]; 12744 San Fernando Road, Sylmar, CA 91342-3728 (US).
- (72) **MANN, Alfred, E.**; 14175 Mulholland Drive, Beverly Hills, CA 90210 (US). **MALTAN, Albert, S.**; Rinnerstrasse 425-7, A-Sistran (AT). **ZILBERMAN, Yitzak**; 23462 Thornewood Drive, Santa Clarita, CA 91321 (US). **MORAN, Bryon, L.**; 1414 Camino Mefeno, Santa Clara, CA 93111 (US). **LEBEL, Ronald, J.**; 14625 Lacota Place, Sherman Oaks, CA 91403 (US).
- (74) **FREILICH, Arthur**; Freilich, Hornbaker & Rosen, 9045 Corbin Avenue, Suite 260, Northridge, CA 91324 (US).
- (81) AE AG AL AU BA BB BG BR BZ CN CR CU CZ DM DZ EE GE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ OM PL RO SG SK TR TT TZ UA 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).
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- (51)⁷ **A61F**
- (11) **WO 2004/043291** (13) A2
- (21) PCT/US2003/036235
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 10/293,997 **13 Nov/nov 2002** US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **INTERVERTEBRAL IMPLANT FOR TRANSFORAMINAL POSTERIOR LUMBAR INTERBODY FUSION PROCEDURE**
• **IMPLANT INTERVERTEBRAL POUR PROCEDURE DE FUSION INTERVERTEBRALE LOMBAIRE POSTERIEURE TRANSFORAMINALE**
- (71) **SYNTHE (U.S.A.)** [US/US]; 1690 Russell Road, Paoli, PA 19301-1222 (US).
(only for / seulement pour AU)
- (71) **SYNTHE AG CHUR** [CH/CH]; Grabenstrasse 15, CH-7002 Chur (CH).
(only for / seulement pour AT AU BE BG BR CA CH CO CY CZ DE DK EE ES FI FR GB GR HU IE IT JP LU MC MX NL NO NZ PT RO SE SI SK TR ZA)
- (72, 75) **MESSERLI, Dominique** [CH/US]; 300 Anglesey Terrace, West Chester, PA 19380 (US). **GERBER, David** [CH/US]; 321 Carlisle Court, Exton, PA 19341 (US). **PAUL, David** [IN/US]; 405 Greene Lane, Phoenixville, PA 19460 (US). **KOBAYASHI, Kenneth, I.** [US/US]; 321 Carlisle Court, Exton, PA 19341 (US).
- (74) **ROTHERY, Brian, M. et al. / etc.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AU BR CA CO JP MX NO NZ US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **A61F**
- (11) **WO 2004/043292** (13) A2
- (21) PCT/US2003/036451
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 60/426,106 **13 Nov/nov 2002** US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **MEDICAL DEVICES HAVING POROUS LAYERS AND METHODS FOR MAKING SAME**
• **DISPOSITIFS MEDICAUX COMPOSANT DES COUCHES POREUSES ET LEURS PROCEDES DE FABRICATION**
- (71) **SETAGON, INC.** [US/US]; 2020 Avon Court, Suite 7, Charlottesville, VA 22902 (US).
- (72) **LYE, Whye-Kei**; 2020 Avon Court, Suite 7, Charlottesville, VA 22902 (US). **LOOI, Kareen**; 2020 Avon Court, Suite 7, Charlottesville, VA 22902 (US). **REED, Michael, L.**; 2181 Whippoorwill Road, Charlottesville, VA 22901 (US).
- (74) **SMITH, Scott, M. et al. / etc.**; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A61F**
- (11) **WO 2004/043293** (13) A2
- (21) PCT/US2003/036639
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) en (26) en
- (30) 60/425,877 **13 Nov/nov 2002** US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **CARDIAC VALVE PROCEDURE METHODS AND DEVICES**
• **METHODES ET DISPOSITIFS POUR PRATIQUER DES SOINS DANS LE DOMAINE DES VALVULES CARDIAQUES**
- (71) **VIACOR, INC.** [US/US]; 260-B Fordham Road, Wilmington, MA 01887 (US).
- (72) **COHN, William, E.**; 104 Lagrange Street, Chestnut Hill, MA 02467 (US). **LAMBRECHT, Gregory, H.**; 220 Elliot Street, Natick, MA 01760 (US). **LIDDICOAT, John, R.**; 68 Myrtle Street, Apt. 4, Boston, MA 02114 (US). **MOORE, Robert, Kevin**; 4 Rolling Lane, Natick, MA 01760 (US). **STREETER, Richard, B.**; 66 Brookside Avenue, Winchester, MA 01890 (US). **DAVENPORT, Todd, F.**; 48 Salem Street, Andover, MA 01810 (US).
- (74) **PANDISCIO, Mark, J. et al. / etc.**; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043294** (13) A1
- (21) PCT/FR2003/003286
- (22) **4 Nov/nov 2003 (04.11.2003)**
- (25) fr (26) fr
- (30) 02/13965 **4 Nov/nov 2002** FR
(04.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **SUPPORT PROSTHESIS FOR TISSULAR STRUCTURES**
• **PROTHESE DE RENFORT DE STRUCTURES TISSULAIRES**
- (71) **SOFRADIM PRODUCTION** [FR/FR]; 116, avenue de Formans, F-01600 Trevoux (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THERIN, Michel** [FR/FR]; 19, Grande rue de la Croix Rousse, F-69004 Lyon (FR). **GRAVAGNA, Philippe** [FR/FR]; 23, Grande Rue, F-69450 Irigny (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY

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

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

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(51)⁷ A61F 2/06

(11) WO 2004/043295 (13) A1

(21) PCT/EP2003/012643

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 102 53 633.3 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BEARING STRUCTURE

• STRUCTURE DE SUPPORT

(71) BIOTRONIK GMBH & CO. KG [DE/DE];
Woermannkehrle 1, 12359 Berlin (DE).

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les États désignés sauf US)*

(72, 75) SCHLUN, Martin [DE/DE]; In der
Plöck 40, 76829 Landau (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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

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

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Declaration / Déclaration :

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

(51)⁷ A61F 2/06

(11) WO 2004/043296 (13) A1

(21) PCT/IL2003/000942

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 10/292,753 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENDOLUMINAL LINING

• REVETEMENT INTERIEUR ENDOLU-
MINAL

(71) ALLIUM INC. [US/US]; 1201 Mar-
ket Street, Suite 1600, Wilmington, , DE
19801-1147 (US).

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

(72, 75) YACHIA, Daniel [IL/IL]; 17-B Yehuda
Hamaccabi Street, Herzliya Pituach, 46762
Herzliya (IL). LEVY, Ronnie [IL/IL]; 42 Nof
Harim Street, 44862 Zur Yigal (IL).

(74) REINHOLD COHN & PARTNERS; P.O.B
4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC 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 A61F 2/06

(11) WO 2004/043297 (13) A1

(21) PCT/US2003/026382

(22) 22 Aug/août 2003 (22.08.2003)

(25) en (26) en

(30) 10/288,621 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ASSYMMETRIC BIFURCATED
CROWN

• COURONNE BIFURQUEE ASSYME-
TRIQUE

(71) SCIMED LIFE SYSTEMS, INC. [US/US];
One Scimed Place, Maple Grove, MN 55311-
1566 (US).

(72) EIDENSCHINK, Tracee; 2232 Pinto Drive,
Wayzata, MN 55391 (US).

(74) BABCOCK, Brendan; Vidas, Arrett &
Steinkraus, 6109 Blue Circle Drive, Suite
2000, Minnetonka, MN 55343-9185 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 A61F 2/06

(11) WO 2004/043298 (13) A1

(21) PCT/US2003/035563

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,577 7 Nov/nov 2002 US
(07.11.2002)

(30) 60/424,607 7 Nov/nov 2002 US
(07.11.2002)

(30) 60/424,574 7 Nov/nov 2002 US
(07.11.2002)

(30) 60/424,576 7 Nov/nov 2002 US
(07.11.2002)

(30) 60/424,575 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROSTHESIS HAVING VARIED CON-
CENTRATION OF BENEFICIAL
AGENT

• PROTHESE PRESENTANT UNE
CONCENTRATION VARIEE
D'AGENTS UTILES

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

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

(71, 72) VERLEE, Donald [US/US]; 1109
Pine Tree LN, Libertyville, IL 60048 (US).
CROMACK, Keith [US/US]; 18066 W.
Banbury Drive, Gurnee, IL 60031 (US).
TARCHA, Peter [US/US]; 21651 Gelden
Road, Lake Villa, IL 60046 (US). TONER,
John [US/US]; 817 Fair Way, Libertyville,
IL 60048 (US).

(72, 75) BURKE, Sandra [US/US]; 1025 Re-
gency Lane, Libertyville, IL 60048 (US).
CLIFFORD, Anton [IE/US]; 492 Calderon
Ave, Mountain View, CA 94041 (US).
FISHER, Charles [US/US]; 12538 Pebble-
pointe Pass, Residence:, Carmel, IN 46033
(US).

(74) WARK, Allen, W. et al. / etc.; Dept
377/AP6A-1, 100 Abbott Park Road, Abbott
Park, IL 60064-6008 (US).

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

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

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(51)⁷ A61F 2/06, B05C 5/02

(11) WO 2004/043299 (13) A1

(21) PCT/US2003/035624

- (22) 7 Nov/nov 2003 (07.11.2003)
(25) en (26) en
(30) 60/424,577 7 Nov/nov 2002 US (07.11.2002)
(30) 60/424,607 7 Nov/nov 2002 US (07.11.2002)
(30) 60/424,574 7 Nov/nov 2002 US (07.11.2002)
(30) 60/424,576 7 Nov/nov 2002 US (07.11.2002)
(30) 60/424,575 7 Nov/nov 2002 US (07.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • METHOD OF LOADING BENEFICIAL AGENT TO A PROSTHESIS BY FLUID-JET APPLICATION
• PROCEDE POUR APPLIQUER UN AGENT A ACTION BENEFIQUE SUR UNE PROTHESE PAR APPLICATION DE JETS DE LIQUIDE
(71) ABBOTT LABORATORIES [US/US]; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) VERLEE, Donald [US/US]; 1109 Pine Tree LN, Libertyville, IL 60048 (US). TARCHA, Peter [US/US]; 21651 Gelden Road, Lake Villa, IL 60046 (US). CROMACK, Keith [US/US]; 18066 W. Banbury Drive, Gurnee, IL 60031 (US). QUINT, Richard [US/US]; 5380 Oakview Lane, Gurnee, IL 60031 (US).
(74) WARK, Allen, W. et al. / etc.; Dept 377/AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(51)⁷ A61F 2/06
(11) WO 2004/043300 (13) A1
(21) PCT/US2003/035627
(22) 7 Nov/nov 2003 (07.11.2003)
(25) en (26) en
(30) 60/424,577 7 Nov/nov 2002 US (07.11.2002)
(30) 60/424,607 7 Nov/nov 2002 US (07.11.2002)
(30) 60/424,574 7 Nov/nov 2002 US (07.11.2002)
(30) 60/424,576 7 Nov/nov 2002 US (07.11.2002)
- (30) 60/424,575 7 Nov/nov 2002 US (07.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • PROSTHESIS WITH MULTIPLE DRUGS IN DISCRETE UNMIXED DROPLETS
• PROTHESE COMPRENANT DE MULTIPLES MEDICAMENTS DANS DES GOUTTELETTES DISCRETES NON MELANGEES
(71) ABBOTT LABORATORIES [US/US]; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) VERLEE, Donald [US/US]; 1109 Pine Tree LN, Libertyville, IL 60048 (US). CROMACK, Keith [US/US]; 18066 W. Banbury Drive, Gurnee, IL 60031 (US). TARCHA, Peter [US/US]; 21651 Gelden Road, Lake Villa, IL 60046 (US). TONER, John [US/US]; 817 Fair Way, Libertyville, IL 60048 (US). HUI, Ho-Wa [US/US]; 1116 Ashbury Lane, Residence., Libertyville, IL 60048 (US).
(74) WARK, Allen, W. et al. / etc.; Dept 377/AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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(51)⁷ A61F 2/06
(11) WO 2004/043301 (13) A1
(21) PCT/US2003/035714
(22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 10/292,385 11 Nov/nov 2002 US (11.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ENDOPROSTHESIS DEPLOYMENT SYSTEM FOR TREATING VASCULAR BIFURCATIONS
• SYSTEME DE DEPLOIEMENT D'ENDOPROTHESE DESTINE AU TRAITEMENT DE BIFURCATIONS VASCULAIRES
(71) DEVAX, INC. [US/US]; 13700 Alton Parkway, Suite 164, Irvine, CA 92618 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) SEQUIN, Jacques [FR/GB]; Riverway the Friary, Old Windsor, Berks SL4 2NF (GB). ELICKER, Robert, John [US/US]; 11 Azur, Rancho Santa Margarita, CA 92688 (US). LABORDE, Jean-Claude
- [FR/FR]; 1, chemin des Coteaux, F-31320 Vieille-Toulouse (FR).
(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 BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ 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).
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Declaration / Déclaration :
(u) for / pour US only / seulement
(51)⁷ A61F 2/08
(11) WO 2004/043302 (13) A1
(21) PCT/FR2003/003297
(22) 5 Nov/nov 2003 (05.11.2003)
(25) fr (26) fr
(30) 02/13955 7 Nov/nov 2002 FR (07.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • EQUIPMENT FOR REPAIRING BIOLOGICAL TISSUE, SUCH AS A TENDON OR A LIGAMENT AND, IN PARTICULAR, THE CALCANEAN TENDON
• MATÉRIEL DE RÉPARATION D'UN TISSU BIOLOGIQUE, NOTAMMENT D'UN TENDON OU D'UN LIGAMENT, ET EN PARTICULIER DU TENDON CALCANÉEN
(71) FIXANO [FR/FR]; ZA Les Bruyères, B.P. 28, F-01960 Peronnas (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) MARTIN, Jean-Jacques [FR/FR]; 13 Bld Victor Hugo, F-01000 Bourg-en-Bresse (FR). DELPONTE, Patrick [FR/FR]; 39 rue Maner Ar C'Hoat, F-29215 Guipavas (FR).
(74) FIXANO; ZA Les Bruyères, B.P. 28, F-01960 Peronnas (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

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

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(51)⁷ A61F 2/28

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(21) PCT/IL2003/000951

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/291,477 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • EXPANDABLE DEVICES AND METHODS FOR TISSUE EXPANSION, REGENERATION AND FIXATION
- DISPOSITIFS EXPANSIBLES ET PROCEDE D'EXPANSION, DE REGENERATION ET DE FIXATION DE TISSU

(71) REGENEX LTD. [IL/IL]; P.O.Box 541, 55900 Ganei Tikva (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARMON, Ben-Zion [IL/IL]; 24 Hanissiem St., 49550 Petach Tikva (IL).

(74) FRIEDMAN, Mark, M.; DR. MARK FRIEDMAN LTD., 7 Haomanim Street, 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61F 2/30

(11) WO 2004/043304 (13) A2

(21) PCT/EP2003/012762

(22) 14 Nov/nov 2003 (14.11.2003)

(25) de (26) de

(30) 102 53 170.6 14 Nov/nov 2002 DE (14.11.2002)

(30) 102 53 169.2 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • IMPLANT USED IN PROCEDURES FOR STIFFENING THE VERTEBRAL COLUMN
- IMPLANT UTILISE POUR DES OPERATIONS DE RIGIDIFICATION DE LA COLONNE VERTEBRALE

(71) SEPITEC FOUNDATION [LI/LI]; Kirchstrasse 12, LI-9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAGERL, Fritz [CH/CH]; Tutilostrasse 17h, CH-9011 St. Gallen (CH).
STADLER, Roger [CH/CH]; Rennweg 31, CH-8001 Zürich (CH).

(74) MENGES, Rolf; c/o Ackmann, Menges & Demski, Patentanwälte, Postfach 14 04 31, 80454 München (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/30

(11) WO 2004/043305 (13) A1

(21) PCT/US2003/036079

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,964 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHODS FOR DETERMINING MENISCAL SIZE AND SHAPE AND FOR DE- VISING TREATMENT
- PROCEDES POUR DETERMINER LES DIMENSIONS ET FORMES DE MENISQUES, ET POUR METTRE AU POINT UN TRAITEMENT

(71) IMAGING THERAPEUTICS, INC. [US/US]; 1720 South Amphlett Boulevard, Suite 240, San Mateo, CA 94402 (US).
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(72, 75) TSOUGARAKIS, Konstantinos [GR/US]; 950 High School Way, Apt. 3219, Mountain View, CA 94041 (US).
STEINES, Daniel [DE/US]; 3619 Park Boulevard, Palo Alto, CA 94306 (US).
VISSA, Bhaskar Rao [US/US]; 3353 Belgrove Circle, San Jose, CA 95148 (US).
LANG, Philipp [DE/US]; 7 Fair Oaks Terrace, Lexington, MA 02421 (US).
LINDER, Barry, J. [US/US]; 29 Bluehaven Court, Danville, CA 94506 (US).

(74) PASTERNAK, Dahna et al. / etc.; 1731 Embarcadero Road, Suite 230, Palo Alto, CA 94303 (US).

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

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(51)⁷ A61F 2/44

(11) WO 2004/043306 (13) A1

(21) PCT/FR2003/003149

(22) 24 Oct/oct 2003 (24.10.2003)

(25) fr (26) fr

(30) 02/14080 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • INTERVERTEBRAL CAGE WITH MEDIAL FIXING PLATE
- CAGE INTERVERTEBRALE A LAME D'ANCRAGE MEDIANE

(71, 72) RAZIAN, Hassan [FR/FR]; 55, Avenue du Général de Gaulle, F-94240 L'Hay Les Roses (FR).

(74) FLAVENOT, Bernard; Abritt, 17, rue du Dr Charcot, F-91290 La Norville (FR).

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

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

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(51)⁷ A61F 5/01, A61H 3/00, A61G 5/14

(11) WO 2004/043307 (13) A1

(21) PCT/EP2002/012283

(22) 1 Nov/nov 2002 (01.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • ORTHOPEDIC APPARATUS FOR WALKING AND REHABILITATION OF DISABLED PERSONS
- APPAREIL ORTHOPEDIQUE POUR LA MARCHE ET LA REEDUCATION DE PERSONNES HANDICAPEES

(71, 72) FERRATI, Benito [IT/IT]; Via della Polveriera, 41, I-20026 Novate Milanese (IT).

(74) ARENA, Giovanni; Viale Certosa, 135, I-20151 Milano (IT).

(81) RO RU.

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

(51)⁷ A61F 5/02, 5/37

(11) WO 2004/043308 (13) A1

(21) PCT/JP2003/006278

(22) 20 May/mai 2003 (20.05.2003)

(25) ja (26) ja

(30) 2002-328524 12 Nov/nov 2002 JP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BROKEN COLLAR BONE FIXING BAND
• BANDE DE FIXATION DESTINEE A UNE CLAVICULE CASSEE

(71, 72) HANEDA, Naohiro [JP/JP]; 1282-4, Miyawada, Fujishiromachi, Kitasouma-gun, Ibaraki 300-1514 (JP).

(74) SATO, Masaru; SATO AND ASSOCIATES, 3-1, Ariake, Koto-ku, Tokyo 135-8071 (JP).

(81) CA JP US.

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

(51)⁷ A61F 6/04

(11) WO 2004/043309 (13) A1

(21) PCT/SE2003/001711

(22) 6 Nov/nov 2003 (06.11.2003)

(25) sv (26) en

(30) 0203344-7 13 Nov/nov 2002 SE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTRACEPTIVE
• CONTRACEPTIF

(71) JS SÄKERHETSSYSTEM AB [SE/SE]; Box 3214, S-103 64 STOCKHOLM (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAMUELSSON, Bo E. [SE/SE]; Tullgårdsgatan 28, 2tr, S-116 68 STOCKHOLM (SE).

(74) HASSELGREN, Joakim et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 STOCKHOLM (SE).

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

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

/ modèle d'utilité) (GW); OA (GW); OA (Utility model / modèle d'utilité) (ML); OA (ML); OA (Utility model / modèle d'utilité) (MR); OA (MR); OA (Utility model / modèle d'utilité) (NE); OA (NE); OA (Utility model / modèle d'utilité) (SN); OA (SN); OA (Utility model / modèle d'utilité) (TD); OA (TD); OA (Utility model / modèle d'utilité) (TG); OA (TG).

(51)⁷ A61F 7/00

(11) WO 2004/043310 (13) A1

(21) PCT/US2003/035134

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/290,938 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PATIENT COOLING SYSTEM
• SYSTEME DE REFOIDISSEMENT DE PATIENT

(71) KCI LICENSING, INC. [US/US]; P.O. Box 659508, San Antonio, TX 78265-9508 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEARD, Mark [GB/GB]; 4 Monks Close, West Moors, Ferndown, Dorset BH22 0HE (GB). WHYTE, David [GB/GB]; 1 Sherford Close, Northmoor Park, Wareham, Dorset BH20 4JL (GB). STACY, Peter [GB/GB]; 120 Ameysford Road, Ferndown, Dorset BH22 9QE (GB). COWARD, Chris [GB/GB]; 11 Norden Drive, Wareham, Dorset BH20 4SF (GB).

(74) QUIRK, William, H.; KCI Licensing, Inc., P.O. Box 659508-9508, San Antonio, TX 78265-9508 (US).

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

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

Published / Publiée : (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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

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

(51)⁷ A61F 7/02, 5/01

(11) WO 2004/043311 (13) A1

(21) PCT/US2003/034939

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,200 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • JOINT WRAP HAVING A SPECIFICALLY DISPOSED APERTURE
• BANDAGE D'ARTICULATION AVEC OUVERTURE DISPOSEE SPECIFIQUEMENT

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

(72) CIPRA, Andrew, Raymond; 7257 Welbeck Drive, Maineville, OH 45039 (US). PACE, Gwen, Elaine; 2001 Chardonay Drive, Morrow, OH 45152 (US).

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

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

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

(t) for all designations / pour toutes les désignations

(51)⁷ A61F 7/02

(11) WO 2004/043312 (13) A1

(21) PCT/US2003/034940

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,192 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • KITS COMPRISING BODY COMPRESS AND RELEASABLY ATTACHABLE THERMIC DEVICE

• KITS COMPRENANT UNE COMPRESSE CORPORELLE ET UN DISPOSITIF THERMIQUE COLLANT DECOLLABLE

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

(72) CIPRA, Andrew, Raymond; 7257 Welbeck Drive, Maineville, OH 45039 (US). PACE, Gwen, Elaine; 2001 Chardon Drive, Morrow, OH 45152 (US).

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

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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).

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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(t) for all designations / pour toutes les désignations

(51)⁷ A61F 7/12, A61M 1/36, 25/00

(11) WO 2004/043313 (13) A2

(21) PCT/CA2003/001732

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 2,411,569 12 Nov/nov 2002 CA (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR THE EXTRAVASCULAR RECIRCULATION OF LIQUID IN BODY CAVITIES

• DISPOSITIF POUR LA RECIRCULATION EXTRAVASCULAIRE DE LIQUIDE DANS DES CAVITES CORPORELLES

(71, 72) MANTLE, Ross, E. [CA/CA]; 96 Trump Avenue, Ottawa, Ontario K2C 4A2 (CA).

(74) BLAKE, CASSELS & GRAYDON LLP; World Exchange Plaza, 20th Floor, 45 O'Connor Street, Ottawa, Ontario K1P 1A4 (CA).

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

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

(51) A61F 9/00

(11) WO 2004/043314 (13) A1

(21) PCT/AU2003/001527

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 2002952682 14 Nov/nov 2002 AU (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD OR APPARATUS FOR INHIBITING MYOPIA DEVELOPMENT IN HUMANS

• METHODE OU APPAREIL EMPECHANT LE DEVELOPPEMENT DE LA MYOPIE CHEZ L'HOMME

(71) QUEENSLAND UNIVERSITY OF TECHNOLOGY [AU/AU]; Gardens Point Campus, 2 George Street, BRISBANE, Queensland 4000 (AU).

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

(72, 75) SCHMIDT, Katrina [AU/AU]; 45 Broomfield Street, TARINGA, Queensland 4068 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 2004/043315 (13) A1

(21) PCT/BR2003/000164

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) MU8203024-3 13 Nov/nov 2002 BR (13.11.2002)

(30) MU8301188-9 27 Jun/juin 2003 BR (27.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A DEVICE AND METHOD FOR FACILITATING THE APPLICATION OF LIQUID MATERIAL TO THE EYE

• DISPOSITIF ET PROCÉDE PERMETTANT DE FACILITER L'APPLICATION D'UN LIQUIDE DANS L'OEIL

(71, 72) CELY LIZCANO, César, Augusto [BR/BR]; Av. Sete de Setembro 221, Icarai, B-24230-251 Niteroi (BR).

(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, CEP-22251-040 Rio de Janeiro, RJ (BR).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 9/007, A61M 1/00

(11) WO 2004/043316 (13) A2

(21) PCT/US2003/035825

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/290,700 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TEST CHAMBER FOR BI-MANUAL LENS EXTRACTION

• CHAMBRE D'ESSAI POUR EXTRACTION BIMANUELLE DE LENTILLE

(71) ADVANCED MEDICAL OPTICS, INC. [US/US]; 1700 East St. Andrew Place, Santa Ana, CA 92705 (US).

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

(72, 75) KADZIAUSKAS, Kenneth, E. [US/US]; 29 Pamela Way, Coto de Caza, CA

- 92679 (US). STEEN, Mark, E. [US/US]; 16044 Medlar Lane, Chino Hills, CA 91704 (US).
- (74) GLUCK, Peter, J.; c/o Advanced Medical Optics, Inc., 1700 East St. Andrew Place, Santa Ana, CA 92705 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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).
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- (51)⁷ A61F 13/00
- (11) WO 2004/043317 (13) A2
- (21) PCT/US2003/035667
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 02024889.4 8 Nov/nov 2002 EP (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DISPOSABLE ABSORBENT ARTICLES WITH MASKING TOPSHEET
- ARTICLES ABSORBANTS JETABLES A FEUILLE SUPERIEURE DE MASQUAGE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) MUELLER, Joerg; Alte Haingasse 15, 61184 Karben (DE). OPPER, Heike; Schwalbenstr. 3, 65824 Schwalbach (DE). SCHMIDT, Mattias; Charlotte-Rosenthal-Str. 21, 65510 Idstein (DE). HOFFMAN, Anja; Adolph-Kolping-Str. 5, 65719 Hofheim/Ts. (DE). PESCHER, Georg; Hauptstr. 41 A, 65812 Bas Soden (DE).
- (74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61F 13/15
- (11) WO 2004/043319 (13) A2
- (21) PCT/US2003/033652
- (22) 22 Oct/oct 2003 (22.10.2003)
- (25) en (26) en
- (30) 60/424,292 6 Nov/nov 2002 US (06.11.2002)
- (30) 10/444,865 22 May/mai 2003 US (22.05.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SEMI-HYDROPHOBIC COVER FOR AN ABSORBENT PRODUCT
- REVETEMENT SEMI-HYDROPHOBE CONÇU POUR UN PRODUIT ABSORBANT
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) SRODA, Michelle, May; 2750 Chaska Court, Green Bay, WI 54313 (US). BABCOCK, Brian, D.; 44 Butte des Morts Court,
- Appleton, WI 54914 (US). MITCHLER, Patricia, A.; 1136 Weatherwood Drive, Neenah, WI 54956 (US). SOREBO, Heather, Ann; 431 East Sheffield Lane, Appleton, WI 54913 (US).
- (74) YEE, Paul, Y. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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- (51)⁷ A61F 13/495, 13/511, D04H 3/14
- (11) WO 2004/043320 (13) A1
- (21) PCT/US2003/035668
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 02024879.5 8 Nov/nov 2002 EP (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DISPOSABLE ABSORBENT ARTICLES WITH IMPROVED TOPSHEET
- ARTICLES ABSORBANTS JETABLES A FEUILLE SUPERIEURE AMELIOREE
- (71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) MUELLER, Joerg; Alte Haingasse 15, 61184 Karben (DE). OPPER, Heike; Schwalbenstr. 3, 65824 Schwalbach (DE). SCHMIDT, Mattias; Charlotte-Rosenthal-Str. 21, 65510 Idstein (DE). HOFFMAN, Anja; Adolph-Kolping-Str. 5, 65719 Hofheim (DE). PESCHER, Georg; Hauptstr. 41 A, 65812 Bad Soden (DE).
- (74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

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

Published / Publiée : (c)

(51)⁷ A61F 13/537

(11) WO 2004/043321 (13) A1

(21) PCT/SE2003/001655

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 0203358-7 13 Nov/nov 2002 SE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ABSORBENT ARTICLE WITH IMPROVED LIQUID ACQUISITION CAPACITY

• ARTICLE ABSORBANT A CAPACITE D'ABSORPTION DES LIQUIDES AC-CRUE

(71) SCA HYGIENE PRODUCTS AB [SE/SE]; S-405 03 Göteborg (SE).

(72) ELIASSON, Malin; Vetekornsgatan 6, S-431 43 Mölndal (SE).

(74) ALBIHNS GÖTEBORG AB; Box 142, S-401 22 Göteborg (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61G

(11) WO 2004/043322 (13) A2

(21) PCT/US2003/035040

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,619 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PATIENT SUPPORT STRUCTURE HAVING A TABLETOP WITH A BREAST POSITIONING APERTURE FOR A LASER IMAGING APPARATUS

• STRUCTURE DE SUPPORT DE PATIENTE POSSEDANT UN PLATEAU DE TABLE POURVU D'UNE OUVERTURE DE POSITIONNEMENT DE SEIN POUR UN APPAREIL D'IMAGERIE AU LASER

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

(72) SALIT, Emily, Ann; 11375 North Point Drive, Cooper City, FL 33026 (US). RICHTER, David, Marc; 2940 NW 112th Avenue, Coral Springs, FL 33065 (US). MAGRANER, Vicente; 5500 SW 96th Avenue,

Miami, FL 33165 (US). WAKE, Robert, Henry; 13335 Lakeside Terrace, Cooper City, FL 33330 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61G 7/005

(11) WO 2004/043323 (13) A1

(21) PCT/ZA2003/000171

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 2002/9248 14 Nov/nov 2002 ZA
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SPINAL PROBLEM RECOVERY AID

• AUXILIAIRE DE RECUPERATION DE PROBLEMES VERTEBRAUX

(71, 72) NIGRINI, Adriaan, Jacobus [ZA/ZA]; 50 Oribi Street, Clayville East, 1665 Olifantsfontein (ZA). VON ABO, Hermie [ZA/ZA]; 171 Rabie Street, Meyerspark, 0184 Pretoria (ZA).

(74) VAN DER MERWE, Andries, Petrus, Schalk; P.O.Box 20301, 2522 Noordburg (ZA).

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

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

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(51)⁷ A61H 1/00, 23/02

(11) WO 2004/043324 (13) A1

(21) PCT/US2003/034579

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 10/290,839 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUSES AND METHODS FOR THERAPEUTICALLY TREATING DAMAGED TISSUES, BONE FRACTURES, OSTEOPENIA, OR OSTEOPOROSIS

• APPAREILS ET PROCEDES DE TRAITEMENT THERAPEUTIQUE DE TISSUS LESES, DE FRACTURES OSSEUSES, DE L'OSTEOPENIE OU DE L'OSTEOPOROSE

(71) EXOGEN, INC. [US/US]; 1450 Brooks Road, Memphis, TN 38116 (US).

(72) TALISH, Roger, J.; 5 Harman Court, Hillsborough, NJ 08844 (US).

(74) CARTER, David, M; Carter, Deluca, Farrell and Schmidt, LLP, 445 Broad Hollow Road, Suite 225, Melville, NY 11747 (US).

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

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

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(51)⁷ A61J

(11) WO 2004/043325 (13) A2

(21) PCT/US2003/035379

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,954 8 Nov/nov 2002 US
(08.11.2002)

(30) 10/696,910 29 Oct/oct 2003 US
(29.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ARTIFICIAL NIPPLE

• TETINE ARTIFICIELLE

(71) MEDELA HOLDING AG [CH/CH]; Latichestrasse 4, 6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SILVER, Brian, H. [US/US]; 340 Ann Street, Cary, IL 60013 (US).

(74) BANIAK, Michael, H.; Baniak Pine & Gannon, 150 N. Wacker Drive, Suite 1200, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61J 1/00**
- (11) **WO 2004/043326** (13) A1
- (21) PCT/GB2003/004850
- (22) **10 Nov/nov 2003 (10.11.2003)**
- (25) en (26) en
- (30) 0226347.3 **12 Nov/nov 2002 GB (12.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • IMPROVEMENTS IN AND RELATING TO LIQUID DISPENSING
• PERFECTIONNEMENTS APPORTES ET AYANT TRAIT A LA DISTRIBUTION DE LIQUIDES
- (71) **BOOTS HEALTHCARE INTERNATIONAL LIMITED** [GB/GB]; 1 Thane Road West, Nottingham NG2 3AA (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DALLISON, Anne, Elizabeth** [GB/GB]; 16 Small's Croft, Woodborough, Nottingham NG14 6EY (GB). **HARRISON, Shaun** [/]; 19 Ridsdale Road, Nottingham NG5 3GR (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61J 1/00, B65D 77/08, 81/32**
- (11) **WO 2004/043327** (13) A1
- (21) PCT/JP2003/013959
- (22) **30 Oct/oct 2003 (30.10.2003)**
- (25) ja (26) ja
- (30) 2002-327173 **11 Nov/nov 2002 JP (11.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PLURAL-CHAMBER CONTAINER
• RÉCIPIENT À PLUSIEURS COMPARTEMENTS
- (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) **MASUDA, Toshiaki** [JP/JP]; Nipro Corporation, 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP). **FUKUSHIMA, Hiroshi** [JP/JP]; Nipro Corporation, 9-3, Honjo-nishi 3-chome, Kita-ku,

- Osaka-shi, Osaka 531-8510 (JP). **TODO, Hiroshi** [JP/JP]; Nirpo Corporation, 9-3, Honjo-nishi 3-chome, Kita-ku, Osaka-shi, Osaka 531-8510 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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).
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- (51)⁷ **A61J 1/03, A61K 9/00**
- (11) **WO 2004/043328** (13) A1
- (21) PCT/US2003/035356
- (22) **6 Nov/nov 2003 (06.11.2003)**
- (25) en (26) en
- (30) 60/424,525 **6 Nov/nov 2002 US (06.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM FOR INCREASING COMPLIANCE WITH MEDICATION REGIME
• SYSTEME PERMETTANT D'AMELIORER LA COMPATIBILITE D'UN PATIENT AVEC UNE PHARMACOTHERAPIE
- (63) US 60/424,525 (CON)
6 Nov/nov 2002 (06.11.2002)
- (71, 72) **HERZ, Rachel, S.** [US/US]; 226 Highland Avenue, Warkwick, RI 02886 (US).
- (74) **ROHM, Benita, J., et al.** / etc.; ROHM & MONSANTO, P.L.C., 660 Woodward Ave., Suite 1525, Detroit, MI 48226 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **A61K**
- (11) **WO 2004/043329** (13) A2
- (21) PCT/EP2003/011646
- (22) **20 Oct/oct 2003 (20.10.2003)**
- (25) en (26) en
- (30) 0214115 **12 Nov/nov 2002 FR (12.11.2002)**
- (30) 60/429,342 **27 Nov/nov 2002 US (27.11.2002)**

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • USE OF CELLULOSE MICROBEADS TO MAKE THE SKIN MATT
• UTILISATION DE MICROBILLES DE CELLULOSE POUR MATIFIER LA PEAU
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CASSIN, Guillaume** [FR/FR]; 31 ter, Avenue des Bouleaux, F-91140 Villebon sur Yvette (FR).
- (74) **L'OREAL; Renard, Emmanuelle - D.I.P.I.**, 25-29 Quai Aulagnier, F-92600 Asnieres (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **A61K**
- (11) **WO 2004/043330** (13) A2
- (21) PCT/FR2003/003285
- (22) **4 Nov/nov 2003 (04.11.2003)**
- (25) fr (26) fr
- (30) 02/13938 **7 Nov/nov 2002 FR (07.11.2002)**
- (30) 60/434,654 **20 Dec/déc 2002 US (20.12.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • COSMETIC COMPOSITION COMPRISING AT LEAST ONE SPECIFIC CYCLIC CARBONATE
• COMPOSITION COSMETIQUE COMPRENANT AU MOINS UN CARBONATE CYCLIQUE PARTICULIER
- (71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
- (72) **BRUN, Gaëlle**; 14, rue Violet, F-75015 Paris (FR). **ROLLAT-CORVOL, Isabelle**; 9, rue Marcel Renault, F-75017 Paris (FR).
- (74) **L'OREAL; Bourdeau, Françoise - D.I.P.I.**, 25-29, quai Aulagnier, F-92600 Asnières (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/043331 (13) A2

(21) PCT/IB2003/006381

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,756 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DERMASTICK THICKENED OINTMENT

• ONGUENT EPAISSI EN BATON POUR APPLICATION CUTANEE

(71) JAGOTEC AG [—/CH]; Eptingerstrasse 51, CH-4132 Muttentz (CH).

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

(72, 75) LINDAHL, Ake [SE/SE]; Ringduvevagen 50, SE-274 33 Skurup (SE). GULLBERG, Johan [SE/SE]; Stavgatan 32, SE-234 42 Lomma (SE).

(74) HEUSCH, Marina, I.; Edwards & Angell, LLP, P.O. Box 55874, Boston, MA 02205 (US).

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

(11) WO 2004/043332 (13) A2

(21) PCT/IL2003/000960

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,041 14 Nov/nov 2002 US
(14.11.2002)

(30) 60/428,691 25 Nov/nov 2002 US
(25.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL GALECTIN SEQUENCES AND COMPOSITIONS AND METHODS UTILIZING SAME FOR TREATING OR DIAGNOSING ARTHRITIS AND OTHER CHRONIC INFLAMMATORY DISEASES

• NOUVELLES SEQUENCES DE GALECTINE, ET COMPOSITIONS ET METHODES UTILISANT CELLES-CI POUR TRAITER OU DIAGNOSTIQUER L'ARTHRITE ET D'AUTRES MALADIES INFLAMMATOIRES CHRONIQUES

(71) YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM [IL/IL]; Hi Tech Park, The Edmond J. Safra Campus, The Hebrew University of Jerusalem, Givat Ram, 91 390 Jerusalem (IL). MEDICAL RESEARCH FUND AT THE TEL AVIV SOURASKY MEDICAL CENTER [IL/IL]; 6 Weizman Street, 64 239 Tel Aviv (IL).

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(72, 75) GOLAN, Itshak [IL/IL]; 9/18 Bialik Street, 77 632 Ashdod (IL). MELNIK, Lora [IL/IL]; 6/8 Lilinblum Street, 75218 Rishon Le Zion (IL). CASPI, Dan [IL/IL]; 7 HaBrosh Street, 75 534 Rishon LeZion (IL).

(74) G. E. EHRLICH (1995) LTD.; 11 Menachem Begin Street, 52521 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

(11) WO 2004/043333 (13) A2

(21) PCT/IL2003/000962

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) PCT/IL02/00913 14 Nov/nov 2002 IL
(14.11.2002)

(30) 153699 26 Dec/déc 2002 IL
(26.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BONE ENHANCING COMPOSITE

• COMPOSITE AMELIORANT LA FORMATION OSSEUSE

(71) PROCHON BIOTECH LTD. [IL/IL]; P.O. Box 1482, 76114 Rehovot (IL).

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

(72, 75) YAYON, Avner [IL/IL]; Sitria 104, 76834 Moshav Sitria (IL).

(74) WEBB, Cynthia; Webb & Associates, P.O. Box 2189, Rehovot 76121 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043334 (13) A2

(21) PCT/IL2003/000964

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/294,343 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADMINISTRATION OF ANTI-INFLAMMATORY DRUGS INTO THE CENTRAL NERVOUS SYSTEM

• ADMINISTRATION DE MEDICAMENTS ANTI-INFLAMMATOIRES DANS LE SYSTEME NERVEUX CENTRAL

(63) US Not furnished / non communiqué (CIP)
8 Nov/nov 2002 (08.11.2002)

(71) BRAINSGATE LTD. [IL/IL]; P.O. Box 2249, 43101 Ra'anana (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHALEV, Alon [IL/IL]; 9 Wingate Street, 43587 Ra'anana (IL).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043335 (13) A2

(21) PCT/US2002/029379

(22) 12 Sep/sep 2002 (12.09.2002)

(25) en (26) en

(30) 60/322,704 13 Sep/sep 2001 US
(13.09.2001)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS OF TREATING INFECTION BY DRUG RESISTANT BACTERIA

• PROCEDE DE TRAITEMENT D'INFECTIONS PAR DES BACTERIES PHARMACORESISTANTES

(71) GENESOFT, INC. [US/US]; 7300 Shoreline Court, South San Francisco, CA 94080 (US).

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

(72, 75) **MOSER, Heinz, E.** [US/US]; 1586 Ascension Drive, San Mateo, CA 94402 (US). **BAIRD, Eldon, E.** [US/US]; 229 Valdez Avenue, Half Moon Bay, CA 94019 (US). **BURLI, Roland, W.** [CH/US]; 3700 20th Street, Apt. 11, San Francisco, CA 94110 (US). **GE, Yigong** [CN/US]; 3607 Baldwin Hills Court, South San Francisco, CA 94080 (US). **WHITE, Sarah** [US/US]; 229 Valdez Avenue, Half Moon Bay, CA 94019 (US).

(74) **KEZER, William, B. et al. / etc.**; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94111 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/043336 (13) A2

(21) PCT/US2003/011325

(22) 13 Apr/avr 2003 (13.04.2003)

(25) en (26) en

(30) 60/424,731 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS OF USING AND COMPOSITIONS COMPRISING SELECTIVE CYTOKINE INHIBITORY DRUGS FOR THE TREATMENT AND MANAGEMENT OF MYELOPROLIFERATIVE DISEASES

• METHODES D'UTILISATION D'AGENTS INHIBITEURS SELECTIFS DE LA CYTOKINE ET COMPOSITIONS COMPRENANT CES AGENTS POUR LE TRAITEMENT ET LA GESTION DE MALADIES MYELOPROLIFERATIVES

(71) **CELGENE CORPORATION** [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZELDIS, Jerome, B.** [—/—]; 157 Christopher Drive, Princeton, NJ 08540 (US).

(74) **INSOIGNA, Anthony, M. et al. / etc.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043337 (13) A2

(21) PCT/US2003/013324

(22) 30 Apr/avr 2003 (30.04.2003)

(25) en (26) en

(30) 60/383,509 28 May/mai 2002 US (28.05.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INDOLE, AZAINDOLE AND RELATED HETEROCYCLIC 4-ALKENYL PIPERIDINE AMIDES

• INDOLE, AZAINDOLE ET AMIDES HETEROCYCLIQUES DE 4-ALCENYL-PIPERIDINE APPARENTES

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

(72) **WANG, Tao**; 1312 Town Brooke, Middletown, CT 06457 (US). **KADOW, John, F.**; 9 Quarry Run, Wallingford, CT 06492 (US). **MEANWELL, Nicholas, A.**; 15 Valli Drive, East Hampton, CT 06424 (US). **YE-UNG, Kap-Sun**; 164 Dorset Lane, Madison, CT 06443 (US). **ZHANG, Zhongxing**; 14 Martleshamheath Lane, Madison, CT 06443 (US). **YIN, Zhiwei**; 234 Sherman Avenue, Apt. 80, Meriden, CT 06450 (US). **QIU, Zhilei**; 1725 Orrington Avenue, Apt. 224-2, Evanston, IL 60201 (US). **DEON, Daniel, H.**; #2-9 Grieg St., Candiac, Québec J5R 3X3 (CA). **JAMES, Clint, A.**; 500 Boulevard Quinn, Longueuil, Québec J4H 2N4 (CA). **RUEDIGER, Edward, H.**; 133 rue St. Charles, Greenfield Park, Québec J4V 2K3 (CA). **BACHAND, Carol**; 119 Place Mercure, Candiac, Québec J5R 1B1 (CA).

(74) **DUBOFF, Samuel et al. / etc.**; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043338 (13) A2

(21) PCT/US2003/014673

(22) 12 May/mai 2003 (12.05.2003)

(25) en (26) en

(30) 60/379,321 10 May/mai 2002 US (10.05.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLAVIN N-OXIDES: NEW ANTI-CANCER AGENTS AND PATHOGEN ERADICATION AGENTS

• FLAVINE N-OXYDES: AGENTS ANTI-CANCER ET AGENTS D'ERADICATION DE PATHOGENES

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

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

(72, 75) **PLATZ, Matthew, S.** [US/US]; 5999 Rocky Rill Drive, Columbus, OH 43235 (US).

(74) **FROST, Kristin, J.**; Calfee, Halter & Griswold LLP, Suite 1400, 800 Superior Avenue, Cleveland, OH 44114 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/043339 (13) A2

(21) PCT/US2003/015780

(22) 20 May/mai 2003 (20.05.2003)

(25) en (26) en

(30) 60/382,149 20 May/mai 2002 US (20.05.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SUBSTITUTED CYCLOALKYL P1' HEPATITIS C VIRUS INHIBITORS

• INHIBITEURS DU VIRUS DE L'HEPATITE C A BASE DE CYCLOALKYLE P1' SUBSTITUE

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

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

(72, 75) **CAMPBELL, Jeffrey, Allen** [US/US]; 525 Alpine Drive, Cheshire, CT 06410 (US). **D'ANDREA, Stanley, V.** [US/US]; 81 Lisa Lane, Middletown, CT 06457 (US). **GOOD, Andrew** [US/US]; 52 High Hill Road, Wallingford, CT 06492 (US). **LI, Jian-qing** [US/US]; 136 Renees Way, Guilford, CT 06437 (US). **MCPHEE, Fiona** [US/US]; 52 High Hill Road, Wallingford, CT 06492 (US). **RIPKA, Amy** [US/US]; 63A Elm Street, Branford, CT 06405 (US). **SCOLA, Paul, Michael** [US/US]; 107 Georgetown

Drive, Glastonbury, CT 06033 (US). TU, Yong [US/US]; 1041 Danard Place, Cheshire, CT 06410 (US).

(74) VOLLES, Warren, K. et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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

(51)⁷ A61K

(11) WO 2004/043340 (13) A2

(21) PCT/US2003/021954

(22) 16 Jul/juil 2003 (16.07.2003)

(25) en

(26) en

(30) 60/396,482 16 Jul/juil 2002 US (16.07.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ALPHA 5 BETA 1 AND ITS ABILITY TO REGULATE THE CELL SURVIVAL PATHWAY
• INTEGRINE ALPHA 5 BETA 1 ET SA CAPACITE A REGULER LA VOIE DE SURVIE CELLULAIRE

(71) UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY [US/US]; 335 George Street, P.O. Box 2688, New Brunswick, NJ 08903 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIEDER, Robert [US/US]; 330 South Chestnut Street, Westfield, NJ 07090 (US).

(74) MALLON, Veronica et al. / etc.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 2004/043341 (13) A2

(21) PCT/US2003/030956

(22) 30 Sep/sep 2003 (30.09.2003)

(25) en

(26) en

(30) 60/424,804 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TREATMENT FOR HEMORRHAGIC SHOCK

• TRAITEMENT POUR CHOC HÉMORRAGIQUE

(71) UNIVERSITY OF PITTSBURGH OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION [US/US]; 200 Gardner Steel Conference Center, Thackeray & O'Hara Streets, Pittsburgh, PA 15260 (US). YALE UNIVERSITY [—/—]; Two Whitney Avenue, New Haven, CT 06511 (US).

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(72, 75) BILLIAR, Timothy, R. [US/US]; 2080 St. Andrews Drive, Nevillewood, PA 15142 (US). CHOI, Augustine, M.K. [US/US]; 43 Long Meadow Drive, Pittsburgh, PA 15238 (US). MCCLOSKEY, Carol, A. [US/US]; 3218 Bel Air Drive, Pittsburgh, PA 15227 (US). OTTERBEIN, Leo, E. [US/US]; 910 Normandy Drive, New Kensington, PA 15068 (US). ZUCKERBRAUN, Brian, S. [US/US]; 108 Maple Heights Road, Pittsburgh, PA 15232 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 2004/043342 (13) A2

(21) PCT/US2003/031989

(22) 8 Oct/oct 2003 (08.10.2003)

(25) en

(26) en

(30) 60/425,210 7 Nov/nov 2002 US (07.11.2002)

(30) 60/451,615 3 Mar/mar 2003 US (03.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS OF TREATING INJURIES OF THE NERVOUS SYSTEM ASSOCIATED WITH HEMORRHAGE

• METHODES PERMETTANT DE TRAITER DE BLESSURES DU SYSTEME NERVEUX ASSOCIEES A UNE HEMORRAGIE

(71) REGENTS OF THE UNIVERSITY OF MINNESOTA [US/US]; 450 McNamara Alumni Center, 200 Oak Street S.E., Minneapolis, MN 55455 (US).

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(71, 72) STEER, Clifford, J. [US/US]; 1924 Pinchurst Avenue, St. Paul, MN 55116 (US). LOW, Walter, C. [US/US]; 19845 Sweetwater Curve, Shorewood, MN 55331 (US). RODRIGUEZ, Cecilia, M., P. [PT/PT]; Rue da Gruz Vermelha, 6-5D, P-1600 Lisbon (PT). NAN, Zhenhong [CN/US]; 1029 Raymond Avenue, Apartment 9, St. Paul, MN 55114 (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 PG PH PL PT RO RU SC 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 2004/043343 (13) A2

(21) PCT/US2003/032414

(22) 14 Oct/oct 2003 (14.10.2003)

(25) en

(26) en

(30) 10/289,190 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HEMOSTATIC AND ACID ETCH COMPOSITIONS CONTAINING SUCRALOSE
• COMPOSITIONS D'ATTAQUE CHIMIQUE HEMOSTATIQUES ET ACIDES CONTENANT DU SUCRALOSE

(71) ULTRADENT PRODUCTS, INC. [US/US]; 505 West 10200 South, South Jordan, UT 84095 (US).

(72) ALLRED, Peter, M.; 3136 West 13680 South, Riverton, UT 84065 (US). JENSEN, Steven, D.; 1190 West Chavez Drive, South Jordan, UT 84095 (US).

(74) NYDEGGER, Rick, D.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 2004/043344 (13) A2

(21) PCT/US2003/032737

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,332 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTI-CD33 ANTIBODIES AND METHOD FOR TREATMENT OF ACUTE MYELOID LEUKEMIA USING THE SAME

• ANTICORPS ANTI-CD33 ET METHODE DE TRAITEMENT DE LA LEUCEMIE MYELOIDE AIGUE A L'AIDE DUDIT ANTICORPS

(71) IMMUNOGEN, INC. [US/US]; 128 Sidney Street, Cambridge, MA 02139-4239 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) HOFFEE, Mary, G. [US/US]; 59 Le-land Road, Brookline, MA 02467 (US).
TAVARES, Daniel [US/US]; 27 Sylvester Road, Natick, MA 01760 (US).
LUTZ, Robert, J. [US/US]; 218 Old Connecticut Path, Wayland, MA 01778 (US).

(74) HISSONG, Drew et al. / etc.; Sughrue Mion, PLLC, 2100 Pennsylvania Ave., N.W., Suite 800, Washington, DC 20037-3213 (US).

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

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

Published / Publiée : (m)

(51)⁷ A61K

(11) WO 2004/043345 (13) A2

(21) PCT/US2003/032749

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,143 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXTRACT OF TRAPA NATANS AND METHODS OF USING THE SAME

• EXTRAIT DE <I>TRAPA NATANS</I> ET SES METHODES D'UTILISATION

(71, 72) WONG, Kin-Ping [US/US]; 1757 East Quincy Avenue, Fresno, CA 93720 (US).
WONG, Ming-Chung [US/US]; 1757 East Quincy Avenue, Fresno, CA 93720 (US).

(74) WONG, King, L. et al. / etc.; Arent Fox Kintner Plotkin & Kahn, PLLC, 1050 Connecticut Avenue, N.W., Suite 400, Washington, D.C. 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043346 (13) A2

(21) PCT/US2003/032750

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,144 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS CONTAINING AN ACTIVE FRACTION ISOLATED FROM LYCIUM BARBARUM AND METHODS OF USING THE SAME

• COMPOSITIONS CONTENANT UNE FRACTION ACTIVE ISOLEE A PARTIR DE <I>LYCIUM BARBARUM</I> ET METHODES D'UTILISATION ASSOCIEES

(71, 72) WONG, Kin-Ping [US/US]; 1757 East Quincy Avenue, Fresno, CA 93720 (US).
WONG, Ming-Chung [US/US]; 1757 East Quincy Avenue, Fresno, CA 93720 (US).

(74) WONG, King, L. et al. / etc.; Arent Fox Kintner Plotkin & Kahn, PLLC, 1050 Connecticut Avenue, N.W., Suite 400, Washington, DC 20036 (US).

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

(11) WO 2004/043347 (13) A2

(21) PCT/US2003/033618

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 10/166,355 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CALCITONIN DRUG-OLIGOMER CONJUGATES, AND USES THEREOF

• CONJUGUÉS CALCITONINE-OLIGO-MÈRE ET UTILISATION DE CEUX-CI

(63) US 10/166,355 (CIP)
8 Nov/nov 2002 (08.11.2002)

(71) NOBEX CORPORATION [US/US]; Post Office Box 13940, Research Triangle Park, NC 27709-3940 (US).

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

(72, 75) EKWURIBE, Nnochiri, N. [NG/US]; 216 Coltsgate Drive, Cary, NC 27511 (US).
RADHAKRISHNAN, Balasingam [US/US]; 104 Timber Hollow Court, Apartment 338, Chapel Hill, NC 27514 (US).

(74) MYERS BIGEL SIBLEY & SAJOVEC, P.A.; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 2004/043348 (13) A2

(21) PCT/US2003/033873

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 60/425,576 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HISTONE DEACETYLASE INHIBITORS FOR TREATING DEGENERATIVE DISEASES OF THE EYE

• INHIBITEURS D'HISTONE DEACETYLASE DESTINES AU TRAITEMENT DE MALADIES DEGENERATIVES DE L'OEIL

(71) ALCON, INC. [CH/CH]; Bösch 69, P.O. Box 62, CH-6331 Hünenberg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HELLBERG, Peggy, E. [US/US]; 3002 Oak Cove Road, Arlington, TX 76017 (US).

(74) SCHULTZ, Teresa, J. et al. / etc.; Alcon Research, Ltd., R & D Counsel, Q-148, 6201 South Freeway, Fort Worth, TX 76134-2099 (US).

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

(51)⁷ A61K

(11) WO 2004/043349 (13) A2

(21) PCT/US2003/034391

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 60/424,293 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ISOXAZOLINE DERIVATIVES AS
INHIBITORS OF MATRIX METALLO-
PROTEINASES AND/OR TNF-ALPHA
CONVERTING ENZYME
• DERIVES D'ISOXAZOLINE COMME
INHIBITEURS DE METALLOPRO-
TEASES MATRICIELLES ET/OU
D'ENZYME DE CONVERSION DE
TNF- α (A)

(71) BRISTOL-MYERS SQUIBB COMPANY
[US/US]; PO BOX 4000, ROUTE 206 and
PROVINCELINE ROAD, PRINCETON, NJ
08543-4000 (US).

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

(72, 75) XUE, Chu-Biao [US/US]; 11 Riven-
dell Court, Hockessin, DE 19707 (US).
MADUSKUIE, Thomas, P. [US/US]; 613
Foulkstone Road, Wilmington, DE 19803
(US). MERCER, Stephen, E. [US/US]; 62
Sisk Street, Middletown, CT 06457 (US).

(74) BELFIELD, Jing, S., Ph.D. et al. / etc.;
Bristol-Myers Squibb Company, P.O. Box
4000, Route 206 and Provinceline Road,
Princeton, NJ 08543-4000 (US).

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

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

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

Declarations / Déclarations :

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

(51)⁷ A61K

(11) WO 2004/043350 (13) A2

(21) PCT/US2003/034460

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 60/426,436 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PURIFIED COMPOUNDS THAT
INHIBIT INTRACELLULAR
 α 4/PAXILLIN BINDING
• COMPOSES PURIFIES QUI INHIBENT
LA LIAISON INTRACELLULAIRE
A4/PAXILLINE

(71) THE SCRIPPS RESEARCH INSTITUTE
[US/US]; 10550 North Torrey Pines Road,
LaJolla, CA 92037 (US).

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

(72, 75) GINSBERG, Mark [US/US]; 2944
Renault Place, San Diego, CA 92122 (US).
BOGER, Dale [US/US]; 2819 Via Posada,
LaJolla, CA 92037 (US).

(74) GAMSON, Edward, P. et al. / etc.; Welsh &
Katz, Ltd., 120 South Riverside Plaza, 22nd
Floor, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 A61K

(11) WO 2004/043351 (13) A2

(21) PCT/US2003/034549

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/287,843 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SOLUBLE ORAL PATCH WITH COL-
LAGEN AND INTERLACED ACTIVE
INGREDIENTS

• TIMBRE ORAL SOLUBLE PRESEN-
TANT DU COLLAGÈNE ET DES IN-
GREDIENTS ACTIFS RETICULES

(63) US 10/287,843 (CON)
5 Nov/nov 2002 (05.11.2002)
US 60/236,289 (CIP)
4 Sep/sep 2002 (04.09.2002)

(71, 72) HALEY, Jeffrey, T. [US/US]; 4730-91st
Avenue Southeast, Mercer Island, WA 98040
(US).

(74) HALEY, Jeffrey, T. et al. / etc.; Graybeal
Jackson Haley LLP, Suite 350, 155 - 180th
Avenue Northeast, Bellevue, WA 98004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC 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 2004/043352 (13) A2

(21) PCT/US2003/034617

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 60/425,574 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HISTONE DEACETYLASE IN-
HIBITORS FOR THE TREATMENT
OF OCULAR NEOVASCULAR OR
EDEMATOUS DISORDERS AND DIS-
EASES

• INHIBITEURS DE L'HISTONE DESA-
CETYLASE POUR LE TRAITEMENT
DE MALADIES ET DE TROUBLES
OCULAIRES, NEOVASCULAIRES OU
OEDEMATÉUX

(72, 75) KLIMKO, Peter, G. [US/US]; 2115
Pembroke Drive, Fort Worth, TX 76110
(US). BINGAMAN, David, P. [US/US]; 901
Meadow Hill Road, Fort Worth, TX 76018
(US).

(74) SCHULTZ, Teresa, J. et al. / etc.; ALCON
RESEARCH, LTD., R & D Counsel, Q-148,
6201 South Freeway, Fort Worth, TX 76134-
2099 (US).

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

(51)⁷ A61K

(11) WO 2004/043353 (13) A2

(21) PCT/US2003/034893

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,017 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND METHODS
FOR TREATING ACUTE MYELOID
LEUKEMIA

• COMPOSITIONS ET METHODES DE
TRAITEMENT DE LA LEUCEMIE
AIGUE MYELOIDE

(71) LUDWIG INSTITUTE FOR CANCER
RESEARCH [US/US]; 605 Third Avenue,
New York, NY 10158 (US).

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les États désignés sauf US)

(72, 75) LIESCHKE, Graham, J. [AU/AU]; c/o
Ludwig Institute for Cancer Research, The
Royal Melbourne Hospital, Parkville, Victo-
ria (AU).

(74) EVANS, Joseph, D.; Crowell & Moring
LLP, P.O. Box 14300, Washington, DC
20044-4300 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/043354 (13) A2

(21) PCT/US2003/034959

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/424,790 8 Nov/nov 2002 US
(08.11.2002)

(30) 60/500,094 4 Sep/sep 2003 US
(04.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPHTHALMIC COMPOSITIONS FOR
TREATING OCULAR HYPERTENSION
• COMPOSITIONS OPHTHALMIQUES
POUR TRAITER L'HYPERTENSION
OCULAIRE

(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) DOHERTY, James, B. [US/US];
126 East Lincoln Avenue, Rahway, NJ
07065-0907 (US). CHEN, Meng-Hsin
[US/US]; 126 East Lincoln Avenue, Rah-
way, NJ 07065-0907 (US). LIU, Luping
[US/US]; 126 East Lincoln Avenue, Rah-
way, NJ 07065-0907 (US). NATARAJAN,
Swaminathan, R. [IN/US]; 126 East Lin-
coln Avenue, Rahway, NJ 07065-0907 (US).
SHEN, Dong-Ming [US/US]; 126 East Lin-
coln Avenue, Rahway, NJ 07065-0907 (US).
TYNEBOR, Robert, M. [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 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

(11) WO 2004/043355 (13) A2

(21) PCT/US2003/035035

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/426,223 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ALPHA, ALPHA-DISUBSTITUTED
BENZYLGLYCINE DERIVATIVES AS
HIV PROTEASE INHIBITORS

• DERIVES DE BENZYLGLYCINE AL-
PHA, ALPHA-DISUBSTITUES EN
TANT QU'INHIBITEURS DE LA PRO-
TEASE DU VIH

(71) BRISTOL-MYERS SQUIBB COM-
PANY [US/US]; P. O. Box 4000, Route
206 and Provinceline Road, Princeton, NJ
08543-4000 (US).

(72) CARINI, David, J.; 23 Huntington Ridge
Road, Wallingford, CT 06492 (US).

(74) EPPERSON, James et al. / etc.; Bristol-My-
ers Squibb Company, P.O. Box 4000, Prince-
ton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 A61K

(11) WO 2004/043356 (13) A2

(21) PCT/US2003/035075

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/425,024 8 Nov/nov 2002 US
(08.11.2002)

(30) 10/643,319 19 Aug/août 2003 US
(19.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COATED DIBASIC CALCIUM PHOS-
PHATE

• PHOSPHATE DE CALCIUM DIBA-
SIQUE ENROBE

(71) METRICS, INC. [US/US]; 1240 Sugg Park-
way, Greenville, NC 27834 (US).

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

(72, 75) RUFF, Michael, D. [US/US]; 1513
Paramore Drive, Greenville, NC 27858 (US).
COBB, Joseph, E., Jr. [US/US]; 404 West-
haven Road, Greenville, NC 27834 (US).

(74) SKORD, Jennifer, L.; Moore and Van
Allen PLLC, 2200 W. Main Street, Suite 800,
Durham, NC 27705 (US).

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

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

(51)⁷ A61K

(11) WO 2004/043357 (13) A2

(21) PCT/US2003/035125

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,354 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF MAKING, AND THE USE OF CYTOTOXIC AGENTS CONTAINING ELEMENTAL SELENIUM

• PROCEDE POUR LA PRODUCTION ET L'UTILISATION D'AGENTS CYTOTOXIQUES CONTENANT DU SELENIUM ELEMENTAIRE

(71) MEDICAL COLLEGE OF WISCONSIN RESEARCH FOUNDATION [US/US]; 8701 Watertown Plank Road, P.O. Box 26509, Milwaukee, WI 53226-0509 (US).

(72) SIEBER, Fritz; 3000 Naussau Drive, Brookfield, WI 53045 (US). GUNTHER, Wolfgang, H., H.; 606 John Anthony Drive, Westchester, PA 19382-7191 (US). DAZIANO, Jean-Pierre; Les Villas Souleiou No. 11, 1 rue Nicolas Copernic, F-13013 Marseille (FR). KRIEG-KOWALD, Marianne; 1 Ferrier Avenue, Barrington, RI 02806 (US). BOUS-BAA, Jamal; 33 Faraday Street, Ferryhill, Durham DL17 8PD (FR). BULA, Raymond, J.; 7872 Deer Run Road, Cross Plains, WI 53528-9779 (US).

(74) REN, Zhibin; Quarles & Brady LLP, 411 East Wisconsin Avenue, Madison, WI 53202-4497 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61K

(11) WO 2004/043358 (13) A2

(21) PCT/US2003/035148

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/424,747 8 Nov/nov 2002 US (08.11.2002)

(30) 60/433,689 16 Dec/déc 2002 US (16.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FORMULATIONS OF LOW SOLUBILITY BIOACTIVE AGENTS AND PROCESSES FOR MAKING THE SAME

• PREPARATIONS D'AGENTS BIOACTIFS PEU SOLUBLES ET PROCEDES POUR LES PRODUIRE

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

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

(72, 75) HARLAND, Ronald [US/US]; 1 Harlow Court, Yardley, PA 19067 (US). WEI, Chenkou [US/US]; 44 Windsor Drive, Princeton Junction, NJ 08550 (US). KIM, Soojin [US/US]; 21 Linden Avenue, West

Orange, NJ 07052 (US). HSIEH, Alice, Huey-Mei [US/US]; 10 Tryolier Court, Edison, NJ 08820 (US).

(74) BAXAM, Deanna et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61K

(11) WO 2004/043359 (13) A2

(21) PCT/US2003/035226

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/288,888 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • N-OXIDES AND DERIVATIVES OF MELPHALAN FOR TREATING DISEASED STATES ASSOCIATED WITH HYPOXIA INDUCIBLE FACTOR

• N-OXYDES ET DERIVES DE MELPHALAN POUR LE TRAITEMENT DE CONDITIONS PATHOLOGIQUES LIEES AU FACTEUR INDUCTIBLE D'HYPOXIE

(63) US 10/288,888 (CIP) 6 Nov/nov 2002 (06.11.2002)

(71) PROLX PHARMACEUTICALS CORPORATION [US/US]; 6165 E Avenida de Chapparron, Tucson, AZ 85750 (US). ARIZONA BOARD OF REGENTS, ACTING ON BEHALF OF THE UNIVERSITY OF ARIZONA [US/US]; 888 N. Euclid Avenue, Room 204, P.O. Box 210158, Tucson, AZ 85721-0158 (US).

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

(72, 75) KIRKPATRICK, Lynn [US/US]; 6165 E Avenida de Chapparron, Tucson, AZ 85750 (US). POWIS, Garth [US/US]; 1515 N. Campbell Avenue, Tucson, AZ 85724-5024 (US). WELSH, Sarah, J. [US/US]; 4354 North Rio Cancion Road, #286, Tucson, AZ 85718 (US).

(74) MILLER, Raymond, A.; Pepper Hamilton LLP, One Mellon Center, 500 Grant Street, 50th Floor, Pittsburgh, PA 15219 (US).

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

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

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

Declarations / Déclarations :

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

(51)⁷ A61K

(11) WO 2004/043360 (13) A2

(21) PCT/US2003/035244

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,546 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS OF USING VITAMIN D COMPOUNDS IN THE TREATMENT OF MYELODYSPLASTIC SYNDROMES

• PROCEDES D'UTILISATION DE COMPOSES DE VITAMINE D POUR TRAITER DES SYNDROMES MYELODYSPLASTIQUES

(71) NOVACEA, INC. [US/US]; 601 Gateway Boulevard, Suite 450, South San Francisco, CA 94080 (US).

(72) WHITEHOUSE, Martha J.; 151 Upper Terrace, San Francisco, CA 94117 (US). CURD, John G.; 128 Reservoir Road, Hillsborough, CA 94010 (US).

(74) ESMOND, Robert, W. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

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

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

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

Declarations / Déclarations :

(r) for all designations / pour toutes les
designations

(s) for all designations / pour toutes les
designations

(t) for all designations / pour toutes les
designations

(51)⁷ A61K

(11) WO 2004/043361 (13) A2

(21) PCT/US2003/035268

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,235 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND METHODS
FOR THE TREATMENT OF NATURAL
KILLER CELL RELATED DISEASES

• COMPOSITIONS ET PROCÉDES DE
TRAITEMENT DES MALADIES LIÉES
AUX CELLULES K NATURELLES

(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) FONG, Sherman [US/US]; 19 Basinside
Way, Alameda, CA 95402 (US). DENNIS,
Kathryn [US/US]; 1500 Hillside Drive,
#7, Burlingame, CA 94010 (US). CLARK,
Hilary [US/US]; 495 Harkness Avenue, San
Francisco, CA 94134 (US). CHIU, Henry
[US/US]; 2334 20th Avenue, San Fran-
cisco, CA 94116 (US). SCHOENFELD, Jill
[US/US]; 680 Spring Creek Drive, Ashland,
OR 97520 (US). WILLIAMS, P. Mickey
[US/US]; 509 Alto Avenue, Half Moon
Bay, CA 94019 (US). WOOD, William I.
[US/US]; 35 Southdown Court, Hillsborough,
CA 94010 (US). WU, Thomas D. [US/US];
41 Nevada Street, San Francisco, CA 94110
(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
DMDZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

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

MC NL PT RO 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 2004/043362 (13) A2

(21) PCT/US2003/035269

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,237 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACYL GUANIDINE COMPOUNDS
AND USE THEREOF

• COMPOSES D'ACYL GUANIDINE ET
UTILISATION

(71) BRISTOL-MYERS SQUIBB COM-
PANY [US/US]; P.O. Box 4000, Route
206 and Provinceline Road, Princeton, NJ
08543-4000 (US).

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

(72, 75) KEMPSON, James [GB/US]; 29 Tru-
man Avenue, Princeton, NJ 08540 (US).

PITTS, William, J. [US/US]; 1 Gladiola
Circle, Newtown, PA 18940 (US).

(74) DUNCAN, Laurelee et al. / etc.; Bris-
tol-Myers Squibb Company, P.O. Box 4000,
Princeton, NJ 08543-4000 (US).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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)

(t) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 A61K

(11) WO 2004/043363 (13) A2

(21) PCT/US2003/035297

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,230 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROTEIN-STABILIZED LIPOSOMAL
FORMULATIONS OF PHARMACEU-
TICAL AGENTS

• PREPARATIONS LIPOSOMALES
D'AGENTS PHARMACEUTIQUES
STABILISEES PAR DES PROTEINES

(63) US 60/424.230 (CON)
6 Nov/nov 2002 (06.11.2002)

(71) AZAYA THERAPEUTICS, INC. [US/US];
130 W. Rhapsody, San Antonio, TX 78216
(US).

(only for / seulement pour US)

(72, 75) SINGH, Chandra, U. [US/US]; 4
Thornhurst Road, San Antonio, TX 78218
(US).

(74) PARKER, David, L.; Fulbright & Jaworski,
L.L.P., Suite 2400, 600 Congress Avenue,
Austin, TX 78701 (US).

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

(11) WO 2004/043364 (13) A2

(21) PCT/US2003/035302

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/294,267 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MORINGA ESTERS AND COSMETIC
AND PHARMACEUTICAL PREPARA-
TIONS AND METHODS OF MANU-
FACTURE THEREOF

• ESTES DE MORINGA ET PREPARA-
TIONS COSMETIQUES ET PHARMA-
CEUTIQUES, ET PROCÉDES DE FA-
BRICATION ASSOCIES

(71) INTERNATIONAL FLORA TECH-
NOLOGIES, LTD. [US/US]; 1151 North
Fiesta Boulevard, Gilbert, AZ 85233-2238
(US).

(72) KLEIMAN, Robert; 24606 S.E. Lakeway
Circle, Sun Lakes, AZ 85248 (US). KO-
RITALA, Sambasivarao; 1104 W. Stacey
Lane, Tempe, AZ 85284 (US). HILL, John,

C.; 5008 E. Dallas Street, Mesa, AZ 85205 (US). **BROWN, James, H.**; 5214 E. Paradise Drive, Scottsdale, AZ 85254 (US).

(74) **GOLTRY, Michael, W.**; 340 E. Palm Lane, Suite 260, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K

(11) WO 2004/043365 (13) A2

(21) PCT/US2003/035306

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,229 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR TREATMENT OF PRE-MATURE EJACULATION IN HUMANS

• METHODE DE TRAITEMENT DE L'EJACULATION PRECOCE CHEZ LES HUMAINS

(71) **AZAYA THERAPEUTICS, INC.** [US/US]; 130 W. Rhapsody Drive, San Antonio, TX 78216 (US).

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

(71, 72) **SINGH, Chandra, U.** [US/US]; 4 Thornhurst Road, San Antonio, TX 78218 (US).

(74) **SISSON, Thomas, E.**; Jackson Walker L.L.P., Suite 2100, 112 E. Pecan St., San Antonio, TX 78205 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/043366 (13) A2

(21) PCT/US2003/035307

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,058 6 Nov/nov 2002 US (06.11.2002)

(30) 60/424,215 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SULFONAMIDES

• SULFONAMIDES

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, PO Box 7929, Philadelphia, PA 19101 (US).

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

(72, 75) **DODSON, Jason, W** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **GHAVIMI-ALAGHA, Bahman** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **GIRARD, Gerald, R.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **KING, Bryan, W.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **MCATEE, John, Jeffrey** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **NEEB, Michael, J.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **WANG, Ning** [CN/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **YUAN, Catherine, C.K.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) **HALL, Linda, E. 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 A61K

(11) WO 2004/043367 (13) A2

(21) PCT/US2003/035321

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,250 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FUSED HETEROCYCLIC COMPOUNDS AND USE THEREOF

• COMPOSES HETEROCYCLIQUES FUSIONNES ET LEUR UTILISATION

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

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(72, 75) **BARBOSA, Joseph,** [US/US]; 2 Big Top Drive, Lambertville, NJ 08530 (US). **PITTS, William J.** [US/US]; 1 Gladiola Circle, Newtown, PA 18940 (US). **GUO, Junqing** [CN/US]; 11 Burton Circle, Princeton, NJ 08540 (US).

(74) **DUNCAN, Laurelee et al.** / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(t) for all designations / pour toutes les désignations

(51)⁷ A61K

(11) WO 2004/043368 (13) A2

(21) PCT/US2003/035357

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,128 6 Nov/nov 2002 US (06.11.2002)

(30) 60/424,162 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SULFONAMIDES

• SULFONAMIDES

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, PO Box 7929, Philadelphia, PA 19101 (US).

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(72, 75) **BARTON, Linda, S.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **LOUER, Christopher, T.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **MCATEE, John, Jeffrey** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **NEEB, Michael, J.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **WANG, Ning** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) **HALL, Linda, E. 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 A61K

(11) WO 2004/043369 (13) A2

(21) PCT/US2003/035364

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,274 6 Nov/nov 2002 US
(06.11.2002)

(30) 60/424,098 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SULFONAMIDES

• SULFONAMIDES

- (71) SMITHKLINE BEECHAM CORPORA-
TION [US/US]; One Franklin Plaza, P.O.
Box 7929, Philadelphia, PA 19101 (US).
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(72, 75) GIRARD, Gerald, R. [US/US]; 709
Swedeland Road, King of Prussia, PA 19406
(US). MCATEE, John, Jeffrey [US/US];
709 Swedeland Road, King of Prussia, PA
19406 (US). NEEB, Michael, J. [US/US];
709 Swedeland Road, King of Prussia, PA
19406 (US).

(74) HALL, Linda, E. et al. / etc.; SmithKline
Beecham Corporation, Corporate Intellec-
tual 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 A61K

(11) WO 2004/043370 (13) A2

(21) PCT/US2003/035367

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/425,344 7 Nov/nov 2002 US
(07.11.2002)

(30) 60/471,864 20 May/mai 2003 US
(20.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND COMPOSITIONS FOR
MODULATING ACTIVATOR PROTEIN
1

• PROCEDES ET COMPOSITIONS POUR
LA MODULATION DE LA PROTEINE
ACTIVATRICE 1

(71) IRM LLC [US/—]; HMLX Hamilton (BM).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CHANDA, Sumit [US/US]; 2456 Azure
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San Diego, CA 92130 (US). HOGENESCH,
John, B. [US/US]; 316 Cerro Street, Encini-
tas, CA 92024 (US). CALDWELL, Jeremy,
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CA 92007 (US).

(74) WANG, Hugh; Genomics Institute of the
Novartis Research Foundation, 10675 John
Jay Hopkins Drive, San Diego, CA 92121
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 A61K

(11) WO 2004/043371 (13) A2

(21) PCT/US2003/035420

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,351 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND COMPOSITIONS FOR
MODULATING P53 TRANSCRIPTION
FACTOR

• PROCEDES ET COMPOSITIONS DE
MODULATION DU FACTEUR DE
TRANSCRIPTION P53

(71) IRM LLC [US/]; HM LX Hamilton (BM).
THE SCRIPPS RESEARCH INSTITUTE
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Jolla, CA 92037 (US).

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(72, 75) HUANG, Qihong [CN/US]; 10944
Caminito Alvarez, San Diego, CA 92126
(US). CHANDA, Sumit [US/US]; 2456
Azure Coast Dr., La Jolla, CA 92037 (US).
HOGENESCH, John, B. [US/US]; 316
Cerro Street, Encinitas, CA 92024 (US).
CALDWELL, Jeremy, S. [US/US]; 2031
Edinburg Avenue, Cardiff, CA 92007 (US).

(74) WANG, Hugh et al. / etc.; Genomics In-
stitute of the Novartis Research Foundation,
10675 John Jay Hopkins Drive, San Diego,
CA 92121 (US).

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

(11) WO 2004/043372 (13) A2

(21) PCT/US2003/035469

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/425,984 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BORON COATED STRAW NEUTRON
DETECTOR

• DETECTEUR DE NEUTRONS PAR
TUBES PAILLES ENDUITS DE BORE

(71) PROPORTIONAL TECHNOLOGIES,
INC. [US/US]; 8022 El Rio Street, Houston,
TX 77054 (US).

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les États désignés sauf US)

(72, 75) LACY, Jeffrey, Linn [US/US]; 7447
Cambridge Street, Unit 1, Houston, TX
77054 (US).

(74) COX, Charles, M. et al. / etc.; Akin Gump
Strauss Hauer & Feld LLP, 1111 Louisiana
Street, 44th Floor, Houston, TX 77002 (US).

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

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

(51)⁷ A61K

(11) WO 2004/043373 (13) A2

(21) PCT/US2003/035510

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,908 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRECURSOR N-ACETYL GALAC-
TOSAMINE-4-SULFATASE, METH-
ODS OF TREATMENT USING SAID
ENZYME AND METHODS FOR PRO-
DUCING AND PURIFYING SAID EN-
ZYME

• PRECURSEUR <I>N</I>-ACETYL-
GALACTOSAMINE-4-SULFATASE,

METHODES DE TRAITEMENT AU MOYEN DUDIT ENZYME ET PROCEDES DE PRODUCTION ET DE PURIFICATION DUDIT ENZYME

(71) BIOMARIN PHARMACEUTICAL INC. [US/US]; 371 Bel Marin Keys Blvd., Suite 210, Novato, CA 94949 (US).

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(72, 75) QIN, Minmin [US/US]; 5281 Arrezzo Street, Pleasanton, CA 94588 (US). HENSTRAND, John, M. [US/US]; 1806 Tea Place, Davis, CA 95616 (US). ZECHERLE, Gary, N. [US/US]; 39 San Miguel Way, Novato, CA 94945 (US). WENDT, Dan, J. [US/US]; 496 La Vista Road, Walnut Creek, CA 94588 (US). CHAN, Wai-Pan [US/US]; 18845 California Street, Castro Valley, CA 94546 (US). CHEN, Lin [CN/US]; 783 Sweeney Street, San Francisco, CA 94134 (US). FITZPATRICK, Paul, A. [US/US]; 555 Pierce Street, #238, Albany, CA 94706 (US). STARR, Christopher, M. [US/US]; 19535 Seventh Street E., Sonoma, CA 95476 (US). SWEIDLER, Stuart [US/US]; 6012 Auburn Avenue, Oakland, CA 94618 (US).

(74) WILLIAMS, Jr., Joseph, A.; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043374 (13) A2

(21) PCT/US2003/035513

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,363 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND COMPOSITIONS FOR TREATING CANCER USING PROTEASOME INHIBITORS

• PROCEDES ET COMPOSITIONS DE TRAITEMENT DU CANCER AU MOYEN D'INHIBITEURS DE LA PROTEASOME

(71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US).

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(72, 75) ANDERSON, Kenneth, C. [US/US]; 264 Weston Road, Wellesley, MA 02482 (US). HIDESHIMA, Teru [US/US]; 72 Frances

Street, Brookline, MA 02446 (US). MITSIADES, Constantine, S. [US/US]; 400 Brookline Avenue, #11E, Boston, MA 02215 (US). MITSIADES, Nicholas [US/US]; 24 Pinchurst St., #2, Roslindale, MA 02131 (US).

(74) SMITH, DeAnn, F. et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

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

(11) WO 2004/043375 (13) A2

(21) PCT/US2003/035520

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,848 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS OF USING TAXANE DERIVATIVES

• COMPOSITIONS PHARMACEUTIQUES ET PROCEDES D'UTILISATION DE DERIVES DE TAXANE

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

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(72, 75) GOGATE, Uday, Shankar [US/US]; 22 Plains Gap Road, North Brunswick, NJ 08902 (US). PIPERNO, Deborah, S. [US/US]; 122 Whispering Pines Drive, Lincroft, NJ 07738 (US). PERRONE, Robert, Kevin [US/US]; 58 Southfield Drive, Belle Mead, NJ 08502 (US). RAGHAVAN, Krishnaswamy, Srinivas [US/US]; 3 Hickory Court, Cranbury, NJ 08512 (US).

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

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

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043376 (13) A2

(21) PCT/US2003/035529

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,497 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND METHODS FOR TREATING OR PREVENTING PNEUMOCOCCAL INFECTION

• COMPOSITIONS ET METHODES DE TRAITEMENT OU DE PREVENTION D'UNE INFECTION A PNEUMOCOQUES

(71) SYNERGY AMERICA, INC. [US/US]; 9700 Great Seneca Highway, Suite 185, Rockville, MD 20850-3308 (US).

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(72, 75) CHEN, Michael, C. [US/US]; 8220 Scoth Bend Way, Potomac, MD 20854 (US). CHIOU, Chuang-Jiun [—/US]; 9020 Moving Water Lane, Columbia, MD 21046 (US). LI, Zhongming [US/US]; 311 Swarthmore Avenue, Gaithersburg, MD 02854 (US). CHEN, Dong-Sheng [US/US]; 1106 Candlelight Lane, Potomac, MD 02854 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043377 (13) A2

(21) PCT/US2003/035544

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,600 6 Nov/nov 2002 US (06.11.2002)

(30) 10/438,213 15 May/mai 2003 US (15.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND COMPOSITIONS USING IMMUNOMODULATORY COMPOUNDS FOR TREATMENT AND

MANAGEMENT OF CANCERS AND OTHER DISEASES

- PROCEDES ET COMPOSITIONS UTILISANT DES COMPOSES IMMUNOMODULATEURS POUR TRAITER ET MAITRISER DES CANCERS ET D'AUTRES MALADIES

(71) **CELGENE CORPORATION** [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZELDIS, Jerome, B.** [US/US]; 157 Christopher Drive, Princeton, NJ 08540 (US).

(74) **INSOGNA, Anthony, M. et al. / etc.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(11) **WO 2004/043378** (13) A2

(21) PCT/US2003/035545

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,601 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- METHODS AND COMPOSITIONS USING SELECTIVE CYTOKINE INHIBITORY DRUGS FOR TREATMENT AND MANAGEMENT OF CANCERS AND OTHER DISEASES

- PROCEDES ET COMPOSITIONS UTILISANT DES MEDICAMENTS D'INHIBITION SELECTIVE DE CYTOKINE POUR TRAITER ET MAITRISER DES CANCERS ET D'AUTRES MALADIES

(71) **CELGENE CORPORATION** [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZELDIS, Jerome, B.** [US/US]; 157 Christopher Drive, Princeton, NJ 08540 (US).

(74) **INSOGNA, Anthony, M. et al. / etc.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

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

(11) **WO 2004/043379** (13) A2

(21) PCT/US2003/035588

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,223 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- CHEMICAL COMPOUNDS

- COMPOSES CHIMIQUES

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Box 7929, Philadelphia, PA 19101 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ADAMS, Jerry, Leroy** [US/US]; 1250 South Collegeville Road, Collegeville PA 19426 (US). **BRYAN, Deborah, L.** [US/US]; 1250 South Collegeville Road, Collegeville PA 19426 (US). **KASPAREC, Jiri** [CZ/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US). **KING, Francis, David** [GB/GB]; New Frontiers Science Park, Third Avenue, Harlow Essex CM19 5 AW (GB). **TAKLE, Andrew, Kenneth** [GB/GB]; New Frontiers Science Park, Third Avenue, Harlow Essex CM19 5 AW (GB). **WILSON, David Matthew** [GB/GB]; New Frontiers Science park, Third Avenue, Harlow Essex CM19 5 AW (GB). **GOODMAN, Steven Neal** [US/US]; 1250 South Collegeville Road, Collegeville, PA 19426 (US).

(74) **KELLERMAN, James, C. 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043380** (13) A2

(21) PCT/US2003/035618

(22) 8 Nov/nov 2003 (08.11.2003)

(25) en (26) en

(30) 60/424,980 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- SMALL TECHNETIUM-99M AND RHENIUM LABELED AGENTS AND METHODS FOR IMAGING TISSUES, ORGANS AND TUMORS

- PETITS AGENTS MARQUES AU TECHNETIUM-99 ET AU RHENIUM, ET PROCEDES POUR REPRESENTER EN IMAGES DES TISSUS, DES ORGANES ET DES TUMEURS

(71) **PRESIDENT AND FELLOWS OF HARVARD COLLEGE** [US/US]; 17 Quincy Street, Cambridge, MA 02138 (US). **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 5 Cambridge Center, Room NE 25-230, Kendall Square, Cambridge, MA 02142-1493 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MAHMOOD, Ashfaq** [PK/US]; 161 Summer Street, Newton Center, MA 02459 (US). **CHENG, Zheng Hoi** [CN/US]; 2200 California Street, Apt. 26, Mountain View, CA 94040 (US). **JONES, Alun, G.** [GB/US]; 50 Manemet Road, Newton Center, MA 02459 (US). **DAVISON, Alan** [US/US]; 190 Alder Lane, North Falmouth, MA 02556 (US).

(74) **ALEXANDER, Ph. D., John, B. et al. / etc.**; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).

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

(11) **WO 2004/043381** (13) A2

(21) PCT/US2003/035629

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,807 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- COMPOSITIONS AND METHODS FOR PROLONGING SURVIVAL OF PLATELETS

- COMPOSITIONS ET METHODES DE PROLONGEMENT DE LA SURVIE DES PLAQUETTES

(71) **THE BRIGHAM AND WOMEN'S HOSPITAL, INC.** [US/US]; 75 Francis Street, Boston, MA 02115 (US). **ZYMEQUEST, INC.** [US/US]; 100 Cummings Center, Suite 436H, Beverly, MA 01915-6122 (US).

(72) **STOSSEL, Thomas, P.**; 12 Blake Street, Belmont, MA 02478 (US). **HARTWIG, John, H.**; 38 Dunster Road, Jamaica Plain, MA 02130 (US). **HOFFMEISTER, Karin, M.**; 15 Lee Street, #1, Cambridge, MA 02139 (US). **CLAUSEN, Henrik**; Sobrinken 6, DK-2840 Holte (DK).

(74) **VAN AMSTERDAM, John, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61K

(11) WO 2004/043382 (13) A2

(21) PCT/US2003/035630

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/291,847 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENHANCED VARIANTS OF ERYTHROPOIETIN AND METHODS OF USE

• VARIANTS AMELIORES DE L'ERYTHROPOIETINE ET METHODES D'UTILISATION

(71) EGEA BIOSCIENCES, INC. [US/US]; 6759 Mesa Ridge Road, Suite 100, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EVANS, Glen, A. [US/US]; 1652 Via Cancion, San Marcos, CA 92069 (US). JEWELL, Sally [AU/US]; 562 Arenas Street, La Jolla, CA 92037 (US). WARE, Mark [GB/US]; 4647 Torrey Circle, L206, San Diego, CA 92130 (US).

(74) GAY, David, A. et al. / etc.; McDermott, Will & Emery, 4370 La Jolla Village Drive, Suite 700, San Diego, CA 92122 (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) CZ 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

(11) WO 2004/043383 (13) A2

(21) PCT/US2003/035633

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,018 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A NEW TARGET FOR ANGIOGENESIS AND ANTI-ANGIOGENESIS THERAPY

• NOUVELLE CIBLE POUR LA THERAPIE ANGIOGENIQUE ET ANTI-ANGIOGENIQUE

(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS represented by THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; National Institutes of Health, Office Of Technology Transfer, 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US).
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(72, 75) CUTTITTA, Frank [US/US]; 7908 Hope Valley Court, Adamstown, MD 21710 (US). MARTINEZ, Alfredo [ES/US]; 5225 Pooks Hill Road, Apt. 1614S, Bethesda, MD 20814 (US). STETLER-STEVENSON, William, G. [US/US]; 9608 Byeforde Road, Kensington, MD 20895 (US).

(74) NOONAN, William, D.; Klarquist, Sparkman, LLP, One World Trade Center, Suite 1600, 121 SW Salmon Street, Portland, OR 97204 (US).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K

(11) WO 2004/043384 (13) A2

(21) PCT/US2003/035636

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,037 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL PHARMACOPHORE FOR THE DISCOVERY AND TESTING OF NA, K-ATPASE INHIBITOR COMPOSITIONS AND METHODS FOR THEIR USE IN TREATING CARDIOVASCULAR DISEASES AND CONDITIONS

• NOUVEAU PHARMACOPHORE SERVANT A CREER ET ESSAYER DES COMPOSITIONS INHIBANT LA NA,K-ATPASE ET PROCEDES D'UTILISATION DE CE PHARMACOPHORE ET DE CES COMPOSITIONS POUR TRAITER DES MALADIES ET TROUBLES CARDIOVASCULAIRES

(71) UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY [US/US]; 335 George Street, Suite 3200, New Brunswick, NJ 08901 (US).

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

(72, 75) WELSH, William, J. [US/US]; University of Medicine and Dentistry of New Jersey, 675 Hoes Lane, Piscataway, NJ 08854 (US). KEENAN, Susan, M. [US/US]; 1970 New Rodgers Road, Apt. M-12, Levittown, PA 19056 (US). DELISLE, Robert, K. [US/US]; 1970 New Rodgers Road, Apt. M-12, Levittown, PA 19056 (US). BALL, William, J. [US/US]; University of Cincinnati, Department of Pharmacology and Cell Biophysics, College of Medicine, 231 Albert Sabin Way, Cincinnati, OH 45267 (US).

(74) SLIGER, Lauren; Perkins Coie LLP, Patent-LA, P.O. Box 1208, Seattle, WA 98111-1208 (US).

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

(11) WO 2004/043385 (13) A2

(21) PCT/US2003/035637

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,948 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND COMPOSITIONS FOR PROSTATE EPITHELIAL CELL DIFFERENTIATION

• PROCEDES ET COMPOSITIONS FAVORISANT LA DIFFERENCIATION DES CELLULES EPITHELIALES PROSTATIQUES

(71) BARNES-JEWISH HOSPITAL [US/US]; 216 South Kingshighway, St. Louis, MO 63110 (US).

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

(72, 75) HRUSKA, Keith, A. [US/US]; 12437 Conway Road, St. Louis, MO 63141 (US). CHAUDHARY, Lala, R. [US/US]; 180 Tortuna Drive, Ballwin, MO 63021 (US).

(74) NEALEY, Tara, N.; Sonnenschein Nath & Rosenthal LLP, Attention: IP Department - St. Louis Office, P.O. Box #061080, Wacker Drive Station - Sears Tower, Chicago, IL 60606-1080 (US).

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

(11) WO 2004/043386 (13) A2

(21) PCT/US2003/035719

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/424,777 8 Nov/nov 2002 US
(08.11.2002)

(30) 60/467,477 2 May/mai 2003 US
(02.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOLECULES PREFERENTIALLY AS-
SOCIATED WITH EFFECTOR T CELLS
AND METHODS OF THEIR USE

• MOLECULES ASSOCIEES DE PREFE-
RENCE A DES LYMPHOCYTES T EF-
FECTEURS ET METHODES D'UTILI-
SATION DE CES MOLECULES

(71) TOLERRX, INC. [US/US]; 300 Technology
Square, Cambridge, MA 02139 (US).

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

(72, 75) RAO, Patricia [US/US]; 112 Pope Road,
Acton, MA 01720 (US).

(74) MANDRAGOURAS, Amy, E. et al. / etc.;
Lahive & Cockfield, LLP, 28 State Street,
Boston, MA 02109 (US).

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

(11) WO 2004/043387 (13) A2

(21) PCT/US2003/035777

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,864 13 Nov/nov 2002 US
(13.11.2002)

(30) 60/469,464 9 May/mai 2003 US
(09.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND METHODS FOR
CANCER DIAGNOSIS AND THERAPY

• COMPOSITIONS ET PROCEDES DE
DIAGNOSTIC ET DE THERAPIE DU
CANCER

(71) THOMAS JEFFERSON UNIVERSITY
[US/US]; Suite 630, 1020 Walnut Street,
Philadelphia, PA 19107-5587 (US).

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

(72, 75) CROCE, Carlo, M. [US/US]; 1829 De-
lancy Street, Philadelphia, PA 19103 (US).
CALIN, George, A. [RO/US]; 7373 Ridge
Avenue, Philadelphia, PA 19128 (US).

(74) MONACO, Daniel, A. et al. / etc.; Drinker
Biddle & Reath, LLP, One Logan Square,
18th and Cherry Streets, Philadelphia, PA
19103-6996 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/043388 (13) A2

(21) PCT/US2003/035793

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,139 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHEWING GUM AND CONFEC-
TIONERY COMPOSITIONS WITH
ENCAPSULATED STAIN REMOVING
AGENT, AND METHODS OF MAKING
AND USING THE SAME

• COMPOSITIONS DE GOMME A MA-
CHER ET DE CONFISERIE CONTE-
NANT UN AGENT SUPPRIMANT LES
TACHES ET LEURS PROCEDES DE
PREPARATION ET D'UTILISATION

(71) CADBURY, Adams USA LLC [US/US];
2711 Centerville Road, Suite 400, Wilming-
ton, Delaware 19808 (US).

(72) HOLME, Samantha, K.; 18 Manor Ave-
nue, Pompton Plains, NJ 07444 (US). LUO,
Shiuh, John; 51 Woodcrest Drive, Liv-
ingston, NJ 07039 (US).

(74) KIPNES, Allen, R.; Watov & Kipnes, P.C.,
P.O. Box 247, Princeton Junction, NJ 08550
(US).

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

(11) WO 2004/043389 (13) A2

(21) PCT/US2003/035806

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en

(26) en

(30) 60/426,204 13 Nov/nov 2002 US
(13.11.2002)

(30) 60/426,282 13 Nov/nov 2002 US
(13.11.2002)

(30) 60/426,107 13 Nov/nov 2002 US
(13.11.2002)

(30) 60/460,369 3 Apr/avr 2003 US
(03.04.2003)

(30) 60/460,493 3 Apr/avr 2003 US
(03.04.2003)

(30) 60/460,328 3 Apr/avr 2003 US
(03.04.2003)

(30) 60/517,915 7 Nov/nov 2003 US
(07.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS OF TREATING CANCER
AND RELATED METHODS

• PROCEDES DE TRAITEMENT DU
CANCER ET PROCEDES CONNEXES

(71) CHIRON CORPORATION [US/US]; 4560
Horton Street, Emeryville, CA 94608-2917
(US).

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

(72, 75) MACHAJEWSKI, Timothy, D.
[US/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US). HANNAH, Alison
[US/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US). HARWOOD, Eric
[US/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US). HAROLDSEN, Peter
[US/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US). HEISE, Carla, C.
[US/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US). SAMARA, Emil
[US/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US). SHANG, Xiao
[CA/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US). VORA, Jayesh
[IN/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US). ZHU, Shuguang
[US/US]; 4560 Horton Street, Emeryville,
CA 94608-2917 (US).

(74) FRIEDRICHSEN, Bernard, P.; Foley &
Lardner, 150 E. Gilman Street, P.O. Box
1497, Madison, WI 53701-1497 (US).

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

(11) WO 2004/043390 (13) A2

(21) PCT/US2003/035833

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,921 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHARMACEUTICAL COMPOSITIONS AND METHODS OF USING TAXANE DERIVATIVES

• PREPARATION PHARMACEUTIQUE ET METHODES D'UTILISATION DE DERIVES DE LA TAXANE

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US). PERRONE, Robert, Kevin [US/US]; 58 Southfield Dr., Belle Mead, NJ 08502 (US). RAGHAVAN, Krishnaswamy, Srinivas [US/US]; 3 Hichory Ct., Cranbury, NJ 08512 (US).

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

(72, 75) GOGATE, Uday, Shankar [US/US]; 22 Plains Gap Rd., North Brunswick, NJ 08902 (US).

(74) PEIST, Kenneth et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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) (t) for all designations / pour toutes les désignations

(51)⁷ A61K

(11) WO 2004/043391 (13) A2

(21) PCT/US2003/035845

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,863 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE KINASE KINASE 11 EXPRESSION

• MODULATION DE LA PROTEINE KINASE-KINASE-KINASE 11 ACTIVEE PAR DES MITOGENES

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) BENNETT, C. Frank [US/US]; 1347 Cassins Street, Carlsbad, CA 92009 (US). DEAN, Nicholas, M. [US/US]; 2110 Whisperwind Lane, Olivenhain, CA 92024 (US). DOBIE, Kenneth, W. [US/US]; 703 Stratford Court, #4, Delmar, CA 92014 (US).

(74) LEGAARD, Paul, K.; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043392 (13) A2

(21) PCT/US2003/035864

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/290,443 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

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(74) SMYTH, Robert, J. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

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

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

(51)⁷ A61K

(11) WO 2004/043393 (13) A2

(21) PCT/US2003/035885

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,831 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS FOR DIABETES TREATMENT AND PROPHYLAXIS

• COMPOSITIONS THERAPEUTIQUES ET PROPHYLACTIQUES CONTRE LE DIABETE

(71) AYURVEDIC-LIFE INTERNATIONAL, LLC [US/US]; P.O. Box 10, Neenah, WI 54957 (US).

(72) CHATTERJI, Arun, K.; 906 Jacobsen Road, Neenah, WI 54956 (US).

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

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

(11) WO 2004/043394 (13) A2

(21) PCT/US2003/035903

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,864 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MODULATION OF HUNTINGTIN INTERACTING PROTEIN 1 EXPRESSION
- MODULATION DE L'EXPRESSION DE LA PROTEINE 1 INTERAGISSANT AVEC LA HUNTINGTINE

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
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(72, 75) **DOBIE, Kenneth, W.** [US/US]; 703 Stratford Court, #4, Delmar, CA 92014 (US).

(74) **LEGAARD, Paul, K.**; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043395 (13) A2

(21) PCT/US2003/035907

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,472 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHODS AND COMPOSITIONS FOR TREATING NEUROLOGICAL DISORDERS

- METHODES ET COMPOSITIONS PERMETTANT DE TRAITER DES TROUBLES NEUROLOGIQUES

(71) **WYETH** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).
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(72, 75) **ASTON, Christopher, William** [US/US]; 297 State Street, Brooklyn, NY 11201 (US). **MALBERG, Jessica, Eden** [US/US]; 11 Faxon Drive, Robbinsville, NJ 08691 (US). **KHAWAJA, Xavier Zafar** [GB/US]; 354 Ramsey Road, Yardley, PA 19067 (US).

(74) **BRAZIL, Bill, T.**; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/043396 (13) A2

(21) PCT/US2003/035995

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,796 9 Nov/nov 2002 US (09.11.2002)

(30) 60/483,676 30 Jun/juin 2003 US (30.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MODIFIED CARBAMATE-CONTAINING PRODRUGS AND METHODS OF SYNTHESIZING SAME

- PROMEDICAMENTS CONTENANT DU CARBAMATE MODIFIÉ ET METHODES DE SYNTHÈSE DE CES DERNIERS

(71) **NOBEX CORPORATION** [US/US]; Post Office Box 13940, Research Triangle Park, NC 27709-3940 (US).

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(74) **MYERS BIGEL SIBLEY & SAJOVEC, P.A.**; P.O. Box 37428, Raleigh, NC 27627 (US).

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

(11) WO 2004/043397 (13) A2

(21) PCT/US2003/036002

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,931 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • COMPOSITIONS AND METHODS FOR THE TREATMENT OF RHEUMATOID ARTHRITIS

- COMPOSITIONS ET PROCÉDES POUR LE TRAITEMENT DE LA POLYARTHRITE RHUMATOÏDE

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

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(72, 75) **ABBAS, Alex** [US/US]; 6087 Ocean View Drive, Oakland, CA 94618 (US). **BODARY, Sarah** [US/US]; 1520 Sand Hill Road, #205, Palo Alto, CA 94034 (US). **CLARK, Hilary** [US/US]; 495 Harkness Avenue, San Francisco, CA 94134 (US). **WU, Thomas, D.** [US/US]; 41 Nevada Street, San Francisco, CA 94110 (US). **SCHOENFELD, Jill** [US/US]; 680 Spring Creek Drive, Ashland, OR 97520 (US). **WOOD, William, I.** [US/US]; 35 Southdown Court, Hillsborough, CA 94010 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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

(11) WO 2004/043398 (13) A2

(21) PCT/US2003/036106

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,869 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MODULATION OF JUMONJI EXPRESSION

- MODULATION DE L'EXPRESSION DU JUMONJI

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) **BENNETT, Frank, C.** [US/US]; 1347 Cassins Street, Carlsbad, CA 92009 (US). **DEAN, Nicholas, M.** [US/US]; 2110 Whisperwind Lane, Olivenhain, CA 92024 (US). **DOBIE, Kenneth, W.** [US/US]; 703 Stratford Court #4, Delmar, CA 92014 (US).

(74) **LEGAARD, Paul, K.**; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).

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

- PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/043399 (13) A2
- (21) PCT/US2003/036115
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/425,720 13 Nov/nov 2002 US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHODS AND COMPOSITIONS FOR
INDUCING IMMUNE RESPONSES
AND PROTECTIVE IMMUNITY BY
PRIMING WITH ALPHAVIRUS REPLI-
CON VACCINES
- PROCEDES ET COMPOSITIONS
PERMETTANT D'INDUIRE DES RE-
PONSES IMMUNITAIRES ET UNE
IMMUNITE PROTECTRICE PAR IM-
MUNISATION PRIMAIRE AVEC DES
VACCINS DE REPLICONS D'ALPHA-
VIRUS
- (71) THE UNITED STATES OF AMERICA
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THE NAVY [US/US]; Naval Medical Re-
search Center, Code 00L, 503 Robert Grant
Avenue, Silver Spring, MD 20920 (US).
- (72) DOOLAN, Denise, L.; Rockville, MD (US).
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MD (US). CARUCCI, Daniel, J.; Washing-
ton, DC (US). WEISS, Walter; Gaithers-
burg, MD (US). KAMRUD, Kurt; Apex, NC
(US). SMITH, Jonathan; Cary, NC (US).
CHULAY, Jeffrey; Chapel Hill, NC (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PL PT RO RU SD SE
SG SK SL TJ TM TR TT TZ UA UG UZ VC
VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ A61K
- (11) WO 2004/043400 (13) A2
- (21) PCT/US2003/036124
- (22) 14 Nov/nov 2003 (14.11.2003)
- (25) en (26) en
- (30) 60/426,771 14 Nov/nov 2002 US
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PEPTIDE DEFORMYLASE ACTI-
VATED PRODRUGS
- PROMEDICAMENTS ACTIVES PAR
PEPTIDE DEFORMYLASE
- (71) NEWBIOTICS, INC. [US/US]; 11760 Sor-
rento Valley Road, Suite E, San Diego, CA
92121-1018 (US).
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les États désignés sauf US)*
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92130 (US).
- (74) KONSKI, Antoinette, F. et al. / etc.; Bing-
ham McCutchen LLP, Three Embarcadero
Center, Suite 1800, San Francisco, CA
94111-4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/043401 (13) A2
- (21) PCT/US2003/036132
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/426,258 13 Nov/nov 2002 US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD OF PREPARING ANTI-AN-
GIOGENIC DRUG FROM CAR-
TILLAGES AND CHONDROCYTES
AND METHODS OF USE
- TECHNIQUE DE PREPARATION DE
MEDICAMENTS ANTIANGIOGE-
NIQUES A PARTIR DE CARTILAGE
ET DE CHONDROCYTES ET ME-
THODES D'UTILISATION
- (71) WACKVOM LIMITED [—/—]; P.O. Box
116, Road Town, Tortola (GB).
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- (72, 75) Wong, kin-Ping [US/US]; 1757 East
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- (74) KONSKI, Antoinette, F. et al. / etc.; Bing-
ham McCutchen LLP, Three Embarcadero
Center, Suite 1800, San Francisco, CA 94111-
4067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (51)⁷ A61K
- (11) WO 2004/043403 (13) A2
- (21) PCT/US2003/036268
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/425,821 13 Nov/nov 2002 US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MODIFIED NUCLEOSIDES AS AN-
TIVIRAL AGENTS
- NUCLEOSIDES MODIFIES UTILISES
COMME AGENTS ANTIVIRAUX
- (71) PHARMASSET, LTD. [US/US]; The Finan-
cial Services Centre, Bishop's court Hill, P.O.
Box 111, Barbados, W.I. (US). UNIVER-
SITY OF GEORGIA RESEARCH FOUN-
DATION, INC. [US/US]; 627 Boyd Grad-
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- (72) STUYVER, Lieven, J.; 3330 Forrest Bend
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- (74) BRUESS, Steven, C.; Merchant & Gould
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55402-0903 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PG PH
PL PT RO RU SC SD SE SG SK SL SY TJ
TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/043403 (13) A2
- (21) PCT/US2003/036268
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/425,821 13 Nov/nov 2002 US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYNTHETIC SINGLE DOMAIN POLYPEPTIDES MIMICKING APOLIPOPROTEIN E AND METHODS OF USE

• POLYPEPTIDES SYNTHETIQUES A DOMAINE UNIQUE IMITANT L'APOLIPOPROTEINE E ET METHODES D'UTILISATION

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(72, 75) ANANTHARAMIAH, Gattadahalli, M. [US/US]; 3798 Carisbrooke Drive, Birmingham, AL 35226 (US). GARBER, David, W. [US/US]; 1718 14th Terrace South, Birmingham, AL 35205 (US). DATTA, Geeta [/]; 118 Crestmont Lane, Pelham, AL 35124 (US).

(74) KERNER, Ann-Louise et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

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

(51)⁷ A61K

(11) WO 2004/043404 (13) A2

(21) PCT/US2003/036292

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,661 13 Nov/nov 2002 US (13.11.2002)

(30) 60/477,453 10 Jun/juin 2003 US (10.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR DESIGNING INHIBITORS OF INFLUENZA VIRUS NON-STRUCTURAL PROTEIN 1

• PROCEDE DE CONCEPTION D'INHIBITEURS DE LA PROTEINE 1 NON-STRUCTURALE DE VIRUS GRIPPAUX

(71) RUTGERS, THE STATE UNIVERSITY [US/US]; Old Queens, Somerset Street, New Brunswick, NJ 08903 (US).
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(72, 75) MONTELLIONE, Gaetano, T. [US/US]; 127 North 5th Avenue, Highland Park, NJ 08904 (US). KRUG, Robert, M. [US/US]; 8200 Talbot Lane, Austin, TX 78746 (US).

(74) NORTON, Gerard, P. et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NY 07090 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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).

(51)⁷ A61K

(11) WO 2004/043405 (13) A2

(21) PCT/US2003/036358

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,425 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POLYSACCHARIDE VACCINE FOR STAPHYLOCOCCAL INFECTIONS

• VACCIN A BASE DE POLYSACCHARIDE DESTINE A COMBATTRE LES INFECTIONS AUX STAPHYLOCOQUES

(71) THE BRIGHAM AND WOMEN'S HOSPITAL, INC. [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) PIER, Gerald, B.; 21 Thorndike Street, Brookline, MA 02146 (US). MAIRA-LITRAN, Tomas; 11 Little Road, Brookline, MA 02446 (US).

(74) TREVISAN, Maria, A.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

(51)⁷ A61K

(11) WO 2004/043406 (13) A2

(21) PCT/US2003/036367

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,897 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENGINEERED RNAi ADENOVIRUS SILENCING EXPRESSION (ERASE) OF DNA REPAIR PROTEINS

• EXPRESSION DE SILENCAGE (EFFACEMENT) DE PROTEINES DE REPARATION D'ADN PAR ADENOVIRUS

D'ARNI RECOMBINE PAR GENIE GENETIQUE

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; 100 N. Charles Street, 5th Floor, Baltimore, MD 21201 (US).

(72, 75) DEWEESE, Theodore, L. [US/US]; 7108 Bristol Road, Baltimore, MD 21212 (US). COLLIS, Spencer, J. [GB/US]; 3900 N. Charles, Apt. 1017, Baltimore, MD 21218 (US). NELSON, William, G. [US/US]; 2006 Ridgecrest Court, Towson, MD 21204 (US).

(74) ROSENFELD, Jennifer, K. et al. / etc.; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).

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

(51)⁷ A61K

(11) WO 2004/043407 (13) A2

(21) PCT/US2003/036371

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,569 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND PRODUCTS FOR TREATING STAPHYLOCOCCAL INFECTIONS

• METHODES ET PRODUITS DE TRAITEMENT DES INFECTIONS STAPHYLOCOCCIQUES

(71) THE BRIGHAM AND WOMEN'S HOSPITAL, INC. [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(72) PIER, Gerald, B.; 21 Thorndike Street, Brookline, MA 02446 (US). JEFFERSON, Kimberly; 58 Country Club Road, Dedham, MA 02026 (US).

(74) TREVISAN, Maria, A.; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

(51)⁷ A61K

(11) WO 2004/043408 (13) A2

(21) PCT/US2003/036799

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,489 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GPC15: METHODS AND COMPOSITIONS FOR TREATING CANCER

• GPC15 : METHODES ET COMPOSITIONS POUR LE TRAITEMENT DU CANCER

(71) GENPATH PHARMACEUTICALS, INCORPORATED [US/US]; 300 Technology Square, 7th Floor, Cambridge, MA 02139 (US).

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(72, 75) O'HAGAN, Ronan, C. [CA/US]; 15 Garrison Road, Apt. 2, Brookline, MA 02446 (US). KANNAN, Karupiah [IN/US]; 170 Gore Street, #107, Cambridge, MA 02141 (US).

(74) GUNNISON, Jane, T. et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

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

(51)⁷ A61K 6/08, 6/083

(11) WO 2004/043409 (13) A1

(21) PCT/EP2003/005338

(22) 22 May/mai 2003 (22.05.2003)

(25) de (26) de

(30) 102 53 481.0 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITE MATERIAL AND USE OF A COMPOSITE MATERIAL

• MATERIAU COMPOSITE ET UTILISATION D'UN MATERIAU COMPOSITE

(71) VOCO GMBH [DE/DE]; Anton-Flettners-Strasse 1-3, 27472 Cuxhaven (DE).
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(72, 75) MALETZ, Reinhard [DE/DE]; Schillerstrasse 69, 27472 Cuxhaven (DE). KRUSCHEL, Stefan [DE/DE]; Geranienweg 21, 27478 Cuxhaven (DE). PLAUMANN, Manfred, Thomas [DE/DE]; Rugenbargsweg 33, 27476 Cuxhaven (DE).

(74) GRAALFS, Edo et al. / etc.; Hauck Graalfs Wehnert Döring Siemens Schildberg, Postfach 11 31 53, 20431 Hamburg (DE).

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

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

(51)⁷ A61K 7/00, 7/032, 7/11, 7/13

(11) WO 2004/043410 (13) A1

(21) PCT/EP2003/012595

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 816.0 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COSMETIC DRESSINGS CONTAINING A WAXY COMPONENT, A FILM-FORMING AGENT AND A GEL-FORMING SUBSTANCE

• PREPARATION COSMETIQUE CONTENANT UN COSMETIQUANT CIREUX, UN AGENT FILMOGENE ET UN CONSTITUANT GELIFIANT

(71) SCHWAN-STABILO COSMETICS GMBH & CO. KG [DE/DE]; Schwanweg 1, 90562 Heroldsberg (DE).

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

(72, 75) PÄTZER, Maike [DE/DE]; Reichenfelder Str. 8, 91086 Aurachtal (DE). SWISTOWSKI, Azra [DE/DE]; Schanzäckerstr. 41, 90443 Nürnberg (DE). ZECH, Christina

[DE/DE]; Kolpingstr. 61c, 86916 Kaufering (DE).

(74) LEISSLER-GERSTL, Gabriele; Eisenführ, Speiser & Partner, Arnulfstr. 25, 80335 München (DE).

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

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

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(51)⁷ A61K 7/00, 7/02, 7/025, 7/032, 7/035, 7/48

(11) WO 2004/043411 (13) A1

(21) PCT/JP2003/014533

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ja (26) ja

(30) 2002-331177 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COSMETIC COMPOSITION

• COMPOSITION COSMETIQUE

(71) UBE INDUSTRIES, LTD. [JP/JP]; 1978-96, O-Aza Kogushi, Ube-shi, Yamaguchi 755-8633 (JP).

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

(72, 75) ASANO, Yukihiko [JP/JP]; c/o Polymer Laboratory, Ube Industries, Ltd., 8-1, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). NAKAYAMA, Kimio [JP/JP]; c/o Polymer Laboratory, Ube Industries, Ltd., 8-1, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). YAO, Shigeru [JP/JP]; c/o Polymer Laboratory, Ube Industries, Ltd., 8-1, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). SHOJI, Tatsuya [JP/JP]; c/o Polymer Laboratory, Ube Industries, Ltd., 8-1, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP).

(74) YANAGAWA, Yasuo; Mitsuya-Yotsuya Building 8th Floor, 2-14, Yotsuya, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 7/00, 7/06, 7/42, 7/44, 31/74**

(11) **WO 2004/043412** (13) A1

(21) PCT/US2003/031579

(22) **7 Oct/oct 2003 (07.10.2003)**

(25) en (26) en

(30) 10/290,978 **8 Nov/nov 2002** US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WATER SOLUBLE MONOMERS AND
POLYMERS FOR PROTECTING SUB-
STRATES FROM ULTRAVIOLET LIGHT

• MONOMERES ET POLYMERES SO-
LUBLES DANS L'EAU POUR LA
PROTECTION DE SUBSTRATS DE LA
LUMIERE ULTRAVIOLETTE

(71) **NALCO COMPANY** [US/US]; 1601 W.
Diehl Road, Naperville, IL 60563-1198 (US).

(72) **HESSEFORT, Yin, Z.**; 1815 Denison Road,
Naperville, IL 60565 (US). **MORRIS, John,**
D.; 1301 Ivy Lane, Naperville, IL 60563
(US). **CARLSON, Wayne, M.**; 38W020
Spring Green Way, Batavia, IL 60510 (US).
WEI, Mingli; 2016 Chang Court, Naperville,
IL 60540 (US). **QUADIR, Murat, A.**; 10
South Testa Drive, Apt. 102, Naperville, IL
60540 (US). **BRAMMER, Larry, E.**; 1110
Windemere Lane, Aurora, IL 60504 (US).

(74) **KEEFER, Timothy, J.**; Seyfarth Shaw LLP,
55 East Monroe Street, Suite 4200, Chicago,
IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 7/06**

(11) **WO 2004/043413** (13) A1

(21) PCT/EP2003/011798

(22) **21 Oct/oct 2003 (21.10.2003)**

(25) en (26) en

(30) 0226380.4 **12 Nov/nov 2002** GB
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS FOR WASHING AND
CONDITIONING HAIR

• COMPOSITIONS POUR LAVER ET RE-
VITALISER LES CHEVEUX

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

(only for / seulement pour AE AG AU BB BZ
CA CY EG GB GD GH GM IE IL KE LC LK
LS MN MW NZ OM PG SC SD SG SL SZ TT
TZ UG VC ZA ZM ZW)

(71) **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, 400 020 Mumbai
(IN).

(only for / seulement pour IN)

(72, 75) **MAHADESHWAR, Anand, Ram-
chandra** [IN/GB]; Unilever R & D Port
Sunlight, Quarry Road East, Bebington,
Wirral, Merseyside CH63 3JW (GB).

(74) **TANSLEY, Sally, Elizabeth et al.** / etc.;
Unilever PLC, Patent Department, Colworth
House, Sharnbrook, Bedford, Bedfordshire
MK44 1LQ (GB).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ (Utility
model / modèle d'utilité) CZ DE (Utility
model / modèle d'utilité) DE DK (Utility
model / modèle d'utilité) DK DM DZ EC
EE (Utility model / modèle d'utilité) EE 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 (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI 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 7/06**

(11) **WO 2004/043414** (13) A1

(21) PCT/EP2003/012066

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

(25) en (26) en

(30) 0226380.4 **12 Nov/nov 2002** GB
(12.11.2002)

(30) 0323276.6 **6 Oct/oct 2003** GB
(06.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS FOR WASHING AND
CONDITIONING HAIR

• COMPOSITIONS DE LAVAGE ET DE
REVITALISATION CAPILLAIRES

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

(only for / seulement pour AE AG AU BB BZ
CA CY EG GB GD GH GM IE IL KE LC LK
LS MN MW NZ OM PG SC SD SG SL SZ TT
TZ UG VC ZA ZM ZW)

(71) **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, 400 020 Mumbai
(IN).

(only for / seulement pour IN)

(72, 75) **AINGER, Nicholas, John** [GB/GB];
Unilever R & D Port Sunlight, Quarry Road
East, Bebington, Wirral, Merseyside CH63
3JW (GB). **MAHADESHWAR, Anand,
Ramchandra** [IN/GB]; Unilever R & D
Port Sunlight, Quarry Road East, Bebington,
Wirral, Merseyside CH63 3JW (GB). **SHAW,
Neil, Scott** [GB/GB]; Unilever R & D Port
Sunlight, Quarry Road East, Bebington,
Wirral, Merseyside CH63 3JW (GB).

(74) **TANSLEY, Sally, Elizabeth et al.** / etc.;
Unilever PLC, Patent Department, Colworth
House, Sharnbrook, Bedford, Bedfordshire
MK44 1LQ (GB).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ (Utility
model / modèle d'utilité) CZ DE (Utility
model / modèle d'utilité) DE DK (Utility
model / modèle d'utilité) DK DM DZ EC
EE (Utility model / modèle d'utilité) EE 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 (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ **A61K 7/06**

(11) **WO 2004/043415** (13) A1

(21) PCT/US2003/035558

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/424,550 **7 Nov/nov 2002** US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STIMULATION OF HAIR GROWTH
BY COMPOSITIONS CONTAINING
PEPTIDE COPPER COMPLEXES AND
MINOXIDIL

• STIMULATION DE LA CROISSANCE
CAPILLAIRE PAR DES COMPOSI-
TIONS CONTENANT DES COM-
PLEXES DE CUIVRE-PEPTIDE ET
DU MINOXYDIL

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

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

Published / Publiée : (c)

(51)⁷ **A61K 7/075, 7/15, 7/50**

(11) **WO 2004/043416** (13) A1

(21) PCT/EP2003/050791

(22) **4 Nov/nov 2003 (04.11.2003)**

(25) de (26) de

(30) 102 52 395.9 **12 Nov/nov 2002 (12.11.2002)** DE

(43) 27 May/mai 2004 (27.05.2004)

(54) • TEMPERATURE-STABLE COSMETIC CLEANING PREPARATION CONTAINING HYDROXYALKYL CELLULOSES
• PREPARATION COSMETIQUE NETTOYANTE THERMORÉSISTANTE A BASE DE CELLULOSES D'HYDROXYALKYLE

(71) **BEIERSDORF AG** [DE/DE]; Unnastasse 48, 20245 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCH, Petra** [DE/DE]; Schumannstrasse 51, 20146 Hamburg (DE).
DOERSCHNER, Albrecht [DE/DE]; Bornstrasse 32, 20146 Hamburg (DE).

(74) **BEIERSDORF AG**; Abteilung 6713, Unnastasse 48, 20253 Hamburg (DE).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A61K 7/13**

(11) **WO 2004/043417** (13) A2

(21) PCT/EP2003/015018

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 02/14250 **14 Nov/nov 2002 (14.11.2002)** FR

(30) 60/431,711 **9 Dec/déc 2002 (09.12.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION FOR DYEING KERATIN FIBRES CONTAINING A DYE PRECURSOR AND AN ENZYME WITH NITROREDUCTASE ACTIVITY AND PROCESS USING THIS COMPOSITION
• COMPOSITION POUR COLORER DES FIBRES DE KERATINE CONTENANT UN PRECURSEUR DE COULEUR ET UNE ENZYME AYANT L'ACTIVITE DE LA NITROREDUCTASE ET PROCEDE D'UTILISATION DE CETTE COMPOSITION

(71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURGAUD, Hervé** [FR/FR]; 28, allée des Doyennes, F-77230 Damartin en Goele (FR). **PEREIRA, Rui** [FR/FR]; 21, rue Jacques Balmat, F-77600 Bussy Saint Georges (FR). **METAIS, Eric** [FR/FR]; 44, rue du Rû, F-95320 St-Leu-La-Forêt (FR).

(74) **WATTREMEZ, Catherine**; L'Oréal-D.I.P.I., 25-29, quai Aulagnier, F-92600 Asnières (FR).

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

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

(51)⁷ **A61K 7/16**

(11) **WO 2004/043418** (13) A1

(21) PCT/DE2003/003636

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) de (26) de

(30) 102 54 337.2 **9 Nov/nov 2002 (09.11.2002)** DE

(43) 27 May/mai 2004 (27.05.2004)

(54) • TOOTHPASTE COMPRISING AN INTEGRATED PLAQUE INDICATOR
• DENTIFRICE A INDICATEUR DE PLAQUE DENTAIRE INTEGRE

(71, 72) **WILKENS, Harald** [DE/DE]; Kohlmarkt 19, 38100 Braunschweig (DE).

(74) **BAUMGÄRTEL, Gunnar**; Patentanwälte Maikowski & Ninnemann, Kurfürstendamm 54-55, 10707 Berlin (DE).

(81) US.

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

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **A61K 7/16**

(11) **WO 2004/043419** (13) A1

(21) PCT/US2003/027634

(22) **4 Sep/sep 2003 (04.09.2003)**

(25) en (26) en
(30) 10/292,986 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • ABRASIVE COMPOSITIONS FOR CLEAR TOOTHPASTE
• COMPOSITIONS ABRASIVES POUR DENTIFRICE TRANSPARENT

(71) **J.M. HUBER CORPORATION** [US/US]; 333 Thornall Street, Edison, NJ 08837 (US).

(72) **KOSTINKO, John, A.**; 15 Hunter Drive, Bel Air, MD 21014 (US). **FULTZ, William, C.**; 1114 Telegraph Road, Rising Sun, MD 21911 (US). **MCGILL, Patrick, D.**; 2215 Price Road, Darlington, MD 21034 (US).

(74) **NIEVES, Carlos et al.** / etc.; J.M. Huber Corporation, 333 Thornall Street, Edison, NJ 08837 (US).

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

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

(51)⁷ A61K 7/32, 7/00, 7/48

(11) WO 2004/043420 (13) A1

(21) PCT/JP2003/014448

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330609 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COSMETIC COMPOSITION

• COMPOSITION POUR PRODUIT COSMETIQUE

(71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku, Tokyo 103-8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) KITO, Tetsuji [JP/JP]; c/o Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640-8580 (JP).
NAMBU, Hiromi [JP/JP]; c/o Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640-8580 (JP).
HAMAGUCHI, Takeshi [JP/JP]; c/o Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640-8580 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/32, 7/38

(11) WO 2004/043421 (13) A1

(21) PCT/JP2003/014449

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330610 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COSMETIC COMPOSITIONS

• COMPOSITION POUR PRODUIT COSMETIQUE

(71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi-Kayabacho 1-chome, Chuo-ku, Tokyo 103-8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) NAMBU, Hiromi [JP/JP]; c/o Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640-8580 (JP).
HAMAGUCHI, Takeshi [JP/JP]; c/o Kao Corporation, Research Laboratories,

1334, Minato, Wakayama-shi, Wakayama 640-8580 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 7/48

(11) WO 2004/043422 (13) A1

(21) PCT/EP2003/011795

(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

(30) 978/MUM/02 13 Nov/nov 2002 IN
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVED COSMETIC COMPOSITION

• COMPOSITION COSMETIQUE AMÉLIORÉE

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

(only for / seulement pour AE AG AU BB BZ CA CY EG GB GD GH GM IE IL KE LC LK LS MN MW NZ OM PG SC SD SG SL SZ TT TZ UG VC ZA ZM ZW)

(71) 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, 400 020 Mumbai (IN).

(only for / seulement pour IN)

(72, 75) BHASKAR, James, Prabhanand [IN/IN]; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., 560 066 Bangalore (IN).
GOYAL, Parag [IN/IN]; E-II/34, Professor's Colony, Yamuna Nagar, 135 001 Haryana (IN).
MANI, Indu [IN/IN]; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., 560 066 Bangalore (IN).
SINKAR, Vilas, Pandurang [IN/IN]; Hindustan Lever Ltd, Research Centre, 64 Main Road, Whitefield P.O., 560 066 Bangalore (IN).

(74) MULDER, Cornelis, Willem, Renier; Unilever PLC, Patent Department, Colworth

House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

(51)⁷ A61K 7/50, C11D 9/26, 3/37

(11) WO 2004/043423 (13) A1

(21) PCT/EP2003/050790

(22) 4 Nov/nov 2003 (04.11.2003)

(25) de (26) de

(30) 102 52 396.7 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TEMPERATURE-STABLE COSMETIC CLEANING PREPARATION CONTAINING POLYACRYLATES

• PREPARATION COSMETIQUE NETTOYANTE THERMORÉSISTANTE A BASE DE POLYACRYLATES

(71) BEIERSDORF AG [DE/DE]; Unnastasse 48, 20245 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) KOCH, Petra [DE/DE]; Schumannstrasse 51, 20146 Hamburg (DE).
DOERSCHNER, Albrecht [DE/DE]; Bornstrasse 32, 20146 Hamburg (DE).

(74) BEIERSDORF AG; Abteilung 6713, Unnastasse 48, 20253 Hamburg (DE).

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

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

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A61K 8/49, 31/353, A61P 17/14

(11) WO 2004/043424 (13) A1

(21) PCT/IB2003/004926

(22) 3 Nov/nov 2003 (03.11.2003)

- (25) en (26) en
- (30) 60/425,686 **12 Nov/nov 2002** US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD OF STIMULATING HAIR GROWTH USING BENZOPYRANS
• METHODES DE STIMULATION DE LA CROISSANCE DES CHEVEUX AU MOYEN DE BENZOPYRANES
- (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) DOHERTY, Niall, Stephen [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). SMITH, Dennis, Allen [GB/GB]; Pfizer Global Research & Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).
- (74) LUMB, J., Trevor et al. / etc.; c/o Jackie Lawrence, Pfizer Inc., Mailstop 8260-1615, Eastern Point Road, Groton, CT 06340 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/00, 9/107, 9/51
- (11) WO 2004/043425 (13) A1
- (21) PCT/EP2003/010566
- (22) 23 Sep/sep 2003 (23.09.2003)
- (25) de (26) de
- (30) 102 53 326.1 **14 Nov/nov 2002** DE
(14.11.2002)
- (30) 102 54 801.3 **22 Nov/nov 2002** DE
(22.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • IMPLANT, THERAPEUTIC AGENT AND MICELLE
• IMPLANT, AGENT THERAPEUTIQUE ET MICELLE
- (71) UNIVERSITÄT DUISBURG-ESSEN [DE/DE]; Universitätsstrasse 2, 45141 Essen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCHMID, Günter [DE/DE]; Klippe 39b, 42555 Velbert (DE). KIPKE, Sandra [DE/DE]; Florastrasse 39, 45131 Essen (DE).
- (74) GESTHUYSEN, VON ROHR & EGERT; Huyssenallee 100, 45128 Essen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 2004/043426 (13) A1
- (21) PCT/EP2003/012272
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) de (26) de
- (30) 102 52 726.1 **13 Nov/nov 2002** DE
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MULTI-LAYER TRANSMUCOSAL THERAPEUTIC SYSTEM
• SYSTEME THERAPEUTIQUE MULTI- COUCHE D'ADMINISTRATION PAR VOIE TRANSMUQUEUSE
- (71) LTS LOHMANN THERAPIE-SYSTEME AG [DE/DE]; Lohmannstrasse 2, 56626 Andernach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KRUMME, Markus [DE/DE]; Feldkircher Strasse 46, 56567 Neuwied (DE).
- (74) FLACCUS, Rolf-Dieter; Bussardweg 10, 50389 Wesseling (DE).
- (81) AU BR CA CN HU IL IN JP KR MX NZ PH PL RU US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for the following designations / pour les désignations suivantes : AU BR CA CN HU IL IN JP KR MX NZ PH PL RU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement
-
- (51)⁷ A61K 9/00, 47/36, 47/42, A23K 1/18
- (11) WO 2004/043427 (13) A1
- (21) PCT/FR2003/003318
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) fr (26) fr
- (30) 02/14032 **8 Nov/nov 2002** FR
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PALATABLE CARRIER FOR MEDICINE FOR AN ANIMAL
• SUPPORT APPETENT POUR MEDICAMENT DESTINE A UN ANIMAL
- (71, 72) MALOISEL, Jean-Pierre, Arthur, Henri [FR/FR]; -, 56, Boulevard de Strasbourg, F-31000 TOULOUSE (FR).
- (74) CABINET JP COLAS; -, 37, avenue Franklin D. Roosevelt, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 2004/043428 (13) A2
- (21) PCT/US2003/026859
- (22) 27 Aug/août 2003 (27.08.2003)
- (25) en (26) en
- (30) 10/230,059 **29 Aug/août 2002** US
(29.08.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • BUCCAL, POLAR AND NON-POLAR SPRAY OR CAPSULE CONTAINING DRUGS FOR TREATING PAIN
• CAPSULE OU VAPORISATEUR BUC-CAL, POLAIRE ET NON POLAIRE CONTENANT DES MEDICAMENTS SERVANT A TRAITER LA DOULEUR
- (71) NOVADEL PHARMA INC. [US/US]; 31 State Highway 12, Flemington, NJ 08822 (US).
- (72) DUGGER, Harry, A., III; 548 Sergeantsville Road, Flemington, NJ 08822 (US).
- (74) POISSANT, Brian, M. et al. / etc.; Jones Day, 222 East 41st Street, New York, NY 10017 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ A61K 9/00, 31/565, 31/568, 31/137, A61P 15/02, 15/12
- (11) WO 2004/043429 (13) A1
- (21) PCT/US2003/034418
- (22) 29 Oct/oct 2003 (29.10.2003)
- (25) en (26) en
- (30) 60/425,537 **12 Nov/nov 2002** US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • COMBINATION THERAPY FOR POST-MENOPAUSAL FEMALE SEXUAL DYSFUNCTION COMPRISING AN ANDROGEN, AN ESTROGEN AND AN ANTIMUSCARINIC

- THERAPIE COMBINEE POUR TRAITER LES DYSFONCTIONNEMENTS D'ORDRE SEXUEL CHEZ LA FEMME APRES LA MENOPAUSE, COMPRENANT UN AGENT ANDROGENE, UN OESTROGENE ET UNE AGENT ANTIMUSCARINIQUE

(71) **PHARMACIA & UPJOHN COMPANY** [US/US]; Global Patent Department, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BILKEY, Chris, R.** [AU/AU]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). **SLATTER, Greg, J.** [US/US]; Pfizer Global Research and Development, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(74) **FORBES, James, C. et al. / etc.**; Pharmacia & Upjohn Company, Global Patent Department, P.O. Box 1027, St. Louis, MO 63006-1027 (US).

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

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

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(51)⁷ **A61K 9/00**

(11) **WO 2004/043430** (13) A2

(21) PCT/US2003/034903

(22) **3 Nov/nov 2003 (03.11.2003)**

(25) en (26) en

(30) 10/288,906 **5 Nov/nov 2002 (05.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

- (54) • **BOTULINUM TOXIN FORMULATIONS FOR ORAL ADMINISTRATION**
• **FORMULATIONS DE TOXINE BOTULINIQUE POUR UNE ADMINISTRATION ORALE**

(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) **DONOVAN, Stephen** [CA/US]; 27252 Calle Anejo, Capistrano Beach, CA 92624 (US).

(74) **DONOVAN, Stephen et al. / etc.**; c/o Allergan, Inc., 2525 Dupont Drive, Irvine, CA 92612 (US).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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, 31/4168, 31/4178, 31/433**

(11) **WO 2004/043431** (13) A1

(21) PCT/US2003/035002

(22) **3 Nov/nov 2003 (03.11.2003)**

(25) en (26) en

(30) 60/425,326 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

- (54) • **PHARMACEUTICAL COMPOSITIONS AND DOSAGE FORMS FOR BUCCAL AND SUBLINGUAL DELIVERY OF TIZANIDINE AND METHODS OF ADMINISTERING TIZANIDINE SUBLINGUALLY OR BUCCALLY**

- **COMPOSITIONS PHARMACEUTIQUES ET FORMES POSOLOGIQUES POUR ADMINISTRATION PAR VOIE BUCCALE ET SUBLINGUALE DE TIZANIDINE ET METHODES D'ADMINISTRATION PAR VOIE BUCCALE OU SUBLINGUALE**

(71) **TEVA PHARMACEUTICAL INDUSTRIES LTD.** [IL/IL]; 5 Basel Street, P.O. Box 3190, 49131 Petach Tikva (IL).
(for all designated States except / pour tous les États désignés sauf BB US)

(71) **TEVA PHARMACEUTICAL USA, INC.** [US/US]; 1090 Horsham Road, P.O. Box 1090, North Wales, PA 19454-1090 (US).
(only for / seulement pour BB)

(72, 75) **LERNER, Itzhak, E.** [IL/IL]; Wolfson 32, Petach Tikva (IL). **FLASHNER-BARAK, Moshe** [IL/IL]; Hefetz Mordechai 15, Petach Tikva (IL). **ROSENBERGER, Vered** [IL/IL]; Ms. Landau 3, Givat Masuah, Jerusalem (IL).

(74) **BRAINARD, Charles, R.**; Kenyon & Kenyon, One Broadway, New York, NY 10004-1050 (US).

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

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

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(51)⁷ **A61K 9/00**

(11) **WO 2004/043432** (13) A2

(21) PCT/US2003/035416

(22) **4 Nov/nov 2003 (04.11.2003)**

(25) en (26) en

(30) 60/424,428 **6 Nov/nov 2002 (06.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

- (54) • **CONTROLLED RELEASE DEPOT FORMULATIONS**

- **PREPARATION DE DEPOT A LIBERATION CONTROLEE**

(71) **ALZA CORPORATION** [US]; 1900 Charleston Road, P.O. Box 7210, Mountain View, CA 94039-7210 (US).
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(72, 75) **CHEN, Guohua** [US]; 399 Sunset Avenue, Sunnyvale, CA 94086 (US). **HOUSTON, Paul** [US]; 3889 Blackstone CT., Hayward, CA 94542 (US). **BANNISTER, Roy** [US]; 2090 Nora Drive, Hollister, CA 95023 (US). **KAMEDA, Teresa** [US]; 1067 Lois Avenue, Sunnyvale, CA 94087 (US). **PRIEBE, David** [US]; 125 NorthEast, 63rd Street, Seattle, WA 98115 (US). **KLEINER, Lothar** [US]; 295 Los Altos Court, Los Altos, CA 94022 (US).

(74) **CAPEZZUTO, Louis, J. et al. / etc.**; Alza Corporation, c/o Johnson & Johnson Plaza, WH3221, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 9/00**

(11) **WO 2004/043433** (13) A2

(21) PCT/US2003/035830

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,182 **8 Nov/nov 2002 (08.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

- (54) • **PHARMACEUTICAL COMPOSITIONS**
• **PREPARATIONS PHARMACEUTIQUES**

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Drive, PO Box 13398, Research Triangle Park, NC 27709 (US). NAVY, Cecilia, Carpenter [US/US]; c/o GlaxoSmithKline, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(74) LEVY, David, J. et al. / etc.; GlaxoSmithKline, Corporate Intellectual Property Department, Five Moore Drive, PO Box 13398, Research Triangle Park, NC 27709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 9/00, 9/50, 9/10, 31/568

(11) WO 2004/043434 (13) A1

(21) PCT/US2003/035899

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,188 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ORAL TESTOSTERONE DELIVERY SYSTEM WITH IMPROVED SUSTAINED RELEASE

• SYSTEME D'ADMINISTRATION DE TESTOSTERONE PAR VOIE ORALE A LIBERATION PROLONGEE AMELIOREE

(63) US 60/426,188 (CON) 14 Nov/nov 2002 (14.11.2002)

(71) SHEAR/KERSHMAN LABORATORIES, INC. [US/US]; 701 Crown Industrial Ct., Suite F, Chesterfield, MO 63005 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KERSHMAN, Alvin [US/US]; 5032 Oakbluff Drive, Paradise Valley, MO 63049 (US). SHEAR, Jeff, L. [US/US]; 1421 Wildhorse Parkway, Chesterfield, MO 63005 (US).

(74) LEWIS, Linda, L. et al. / etc.; Greensfelder, Hemker & Gale, P.C., 2000 Equitable Building, 10 S. Broadway, St. Louis, MO 63102 (US).

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

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(51)⁷ A61K 9/00

(11) WO 2004/043435 (13) A2

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(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,943 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEMIC DELIVERY OF ANTIVIRAL AGENTS

• ADMINISTRATION SYSTEMIQUE D'AGENTS ANTIVIRAUX

(71) CONTROL DELIVERY SYSTEMS, INC. [US/US]; 400 Pleasant Street, Watertown, MA 02472 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASHTON, Paul [GB/US]; 19 Brimmer Street, Boston, MA 02108-1025 (US). CHEN, Jianbing [CN/US]; 50 Sandrick Road, Belmont, MA 02478-4628 (US). SMITH, Thomas, J. [CA/US]; 167 Kings Grant Avenue, Weston, MA 02193 (US).

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

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

(51)⁷ A61K 9/12, 9/72, 35/78

(11) WO 2004/043436 (13) A1

(21) PCT/CN2003/000964

(22) 13 Nov/nov 2003 (13.11.2003)

(25) zh (26) zh

(30) 02148391.4 13 Nov/nov 2002 CN (13.11.2002)

(30) 03104031.4 13 Feb/fév 2003 CN (13.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEDICINAL AEROSOL COMPRISING PLANT ESSENTIAL OIL AND ITS PREPARATION

• AEROSOL A USAGE MEDICAL COMPRENANT UNE HUILE ESSENTIELLE PROVENANT D'UNE PLANTE ET SA PREPARATION

(71, 72) CONG, Fanzi [CN/CN]; Room 201, Unit 7, No.117 Hongxia Street, Daoli District, Haerbin, Heilongjiang 150018 (CN).

(74) CHINA PATENT AGENT (H.K.) LTD.; 22/F, Great Eagle Centre, 23 Harbour Road, Wanchai, Hong Kong (CN).

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

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

(51)⁷ A61K 9/14

(11) WO 2004/043437 (13) A1

(21) PCT/KR2003/002441

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ko (26) en

(30) 10-2002-0070428 13 Nov/nov 2002 KR (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR THE PREPARATION OF PACLITAXEL SOLID DISPERSION BY USING THE SUPERCRITICAL FLUID PROCESS AND PACLITAXEL SOLID DISPERSION PREPARED THEREBY

• METHODE DE PREPARATION D'UNE DISPERSION SOLIDE DE PACLITAXEL AU MOYEN D'UN PROCESUS A FLUIDE SUPERCRITIQUE ET DISPERSION SOLIDE DE PACLITAXEL AINSI PRODUITE

(71) HANMI PHARM. CO., LTD. [KR/KR]; #893-5, Hajeo-ri, Paltan-myeon, Hwaseong-gun, 445-910 Kyungki-do (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOO, Jong Soo [KR/KR]; Baekseol-maeul 598-1302, Jeongja-dong, Jangan-gu, 440-300 Suwon-si, Kyungki-do (KR). KIM, Hyuk Jin [KR/KR]; No. 106, 161-33, Chonchon-dong, Jangan-gu, 440-300 Suwon-si, Kyungki-do (KR). KIM, Young Hun [KR/KR]; No. 304, 525-15, Yuljon-dong, Jangan-gu, 440-320 Suwon-si, Kyungki-do (KR).

(74) JANG, Seongku; 19th Fl., KEC Building, #275-7., Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 9/14

(11) WO 2004/043438 (13) A1

(21) PCT/US2003/035671

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/289,756 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SHAPE-RETENTIVE HYDROGEL
PARTICLE AGGREGATES AND THEIR
USES• AGREGATS DE PARTICULES D'HY-
DROGEL A MEMOIRE DE FORME ET
LEURS UTILISATIONS(71) ACCESS PHARMACEUTICALS, INC.
[US/US]; 2600 Stemmons Freeway, Suite
176, Dallas, TX 75207-2107 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ST. JOHN, John, V. [US/US]; 3317
Red Bird, Grapevine, TX 76051 (US).
MORO, Daniel, G. [US/US]; 3355 Black-
burn, Dallas, TX 75204 (US). PONDER,
Bill, C. [US/US]; 2571 Hall Johnson Road,
Grapevine, TX 76051 (US).(74) ROSE, Bernard, F. et al. / etc.; Bing-
ham McCutchen LLP, Suite 1800, Three
Embarcadero Center, San Francisco, CA
94111-4067 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/043439 (13) A1

(21) PCT/US2003/034934

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 0226076.8 8 Nov/nov 2002 GB
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVED FORMULATIONS CON-
TAINING SUBSTITUTED IMIDAZOLE
DERIVATIVES• FORMULATIONS AMELIOREES
CONTENANT DES DERIVES D'IMI-
DAZOLE SUBSTITUE(71) R.P. SCHERER TECHNOLOGIES, INC.
[US/US]; 7690 Cheyenne Avenue, Suite 100,
Las Vegas, NV 89129 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BANBURY, Susan [GB/GB]; 1 Birch
Close, Charlton Kings, Chettenham, Glouces-
tershire GL53 8PJ (GB). JUJARVI, Paivi[FI/FI]; Ansakatu 10B8, FIN-20660 Lit-
toinen (FI). GROTH, Leon, P. [GB/GB];
6 Boleyn Close, Grange Park, Swindon, Wilt-
shire SN6 6JZ (GB). LUNSMANN, Walter
[US/US]; 50 Van Lieus Road, Ringoes
Lake, NJ 08851 (US). MURRAY, Owen
[GB/US]; 1908 Holland Drive, Franklin
Township, Somerset Country, NJ 08873
(US). SAVOLA, Juha-Matti [FI/FI]; Siut-
lankatu 8, FIN-20380 Turku (FI).(74) NICKEY, Donald, O. et al. / etc.; Cardinal
Health, Inc., 7000 Cardinal Place, Dublin, OH
43017 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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(51)⁷ A61K 9/20, 9/51, 9/00, 31/00

(11) WO 2004/043440 (13) A1

(21) PCT/US2003/035915

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,264 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FAST-DISINTEGRATING SOLID
DOSAGE FORMS BEING NOT FRI-
ABLE AND COMPRISING PULLULAN
• FORMES POSOLOGIQUES SOLIDES
A DESINTEGRATION RAPIDE NON
FRIABLES ET COMPRENANT DU
PULLULANE(71) ELAN PHARMA INTERNATIONAL
LTD. [IE/IE]; Wil House, Shannon Business
Park, Shannon, County Clare (IE).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PRUITT, John, D. [US/US]; 603 Buy-
ers Road, Collegeville, PA 19426 (US).
HOVEY, Douglas, C. [US/US]; 19 North
Midland Avenue, Trooper, PA 19403 (US).
RYDE, Tuula, A. [US/US]; 54 Lloyd Ave-
nue, Malvern, PA 19355 (US). BOSCH, H.,
William [US/US]; 237 Rodney Circle, Bryn
Mawr, PA 19010 (US). LEE, Robert, W.
[US/US]; 83 Valley Brook Road, Boyertown,
PA 19512-7547 (US).(74) SIMKIN, Michele, M. et al. / etc.; Foley &
Lardner, Washington Harbour, 3000 K Street,
Suite 500, Washington, DC 20007 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 CZDE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (a)

(51)⁷ A61K 9/52

(11) WO 2004/043441 (13) A1

(21) PCT/KR2003/002437

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10-2002-0070317 13 Nov/nov 2002 KR
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POLYMERIC MICROPARTICULATES
FOR SUSTAINED RELEASE OF DRUG
AND THEIR PREPARATION METH-
ODS• MICROPARTICULES POLYMERES
POUR LIBERATION SOUTENUE DE
MEDICAMENT ET LEURS PROCÉDES
DE PREPARATION(71) AMOREPACIFIC CORPORATION
[KR/KR]; 181, Hankang-ro 2-ka,
Yongsan-ku, 140-777 Seoul (KR).
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les États désignés sauf US)(72, 75) LEE, Hyeok [KR/KR]; 101-1101,
Byucksan Apt., Fureunmaeul, Sunae-dong,
Bundang-ku, 463-779 Seongnam-si,
Gyeonggi-do (KR). PARK, Ham Yong
[KR/KR]; 706-505, Shindonga Apt., 736,
Suseo-dong, Gangnam-gu, 135-782 Seoul
(KR). YANG, Jeong Hwa [KR/KR];
308-1301, Woosung Apt., Sangrok-maul,
Junja-dong, Bundang-gu, 463-010 Seong-
nam-si, Gyeonggi-do (KR). KIM, Jung
Ju [KR/KR]; 102-601, Dongbo Apt., 703,
Pungdukchon-1-dong, 449-759 Yongin-si,
Gyeonggi-do (KR).(74) SUH, Jong Wan; 7TH.FL., New-Seoul
Bldg., 828-8, Yeoksam-dong, Kangnam-ku,
135-080 Seoul (KR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ A61K 9/72, 38/00, 39/00, 38/44, 38/47

(11) WO 2004/043442 (13) A1

(21) PCT/GB2003/004836

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0226274.9 11 Nov/nov 2002 GB
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STABLE AEROSOL FORMULATION OF PEPTIDES AND PROTEIN WITH NON-CFC PROPELLANTS

• PREPARATION POUR AEROSOL STABLE A BASE DE PEPTIDES ET DE PROTEINES ET CONTENANT DES PROPULSEURS SANS CFC

(71) MEDPHARM LIMITED [GB/GB]; King's College London, 5th Floor, Franklin Wilkins Building, London, SE1 9NN (GB).
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(72, 75) BROWN, Marc, Barry [GB/GB]; 30 Oxhey Road, Watford, Hertfordshire WD19 4QQ (GB). JONES, Stuart, Allen [GB/GB]; 41 Mermaid Court, Rotherhithe Strett, Rotherhithe, London SE16 5UB (GB). MARTIN, Gary, Peter [GB/GB]; 47 South Way, Lewes, East Sussex BN7 1LY (GB). LIAO, Yong-Hong [CN/CN]; Institute of Medicinal Plant Development, Chinese Academy of Medical Sciences, Xi Bei Wan Haidian District, Beijing 100094 (CN).

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

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

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(21) PCT/EP2003/050779

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) MI2002A002389 12 Nov/nov 2002 IT (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DRUGS FOR SEXUAL DYSFUNCTIONS

• MEDICAMENTS DESTINES AUX DYSFONCTIONS SEXUELLES

(71) NICOX S.A. [FR/FR]; 2455 Routes des Dolines, Batiment I - Espace Gaia II, F-06906 Sophia Antipolis (FR).
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(72, 75) CIRINO, Giuseppe [IT/IT]; Via S. Paolo a Villanova, 11, I-80123 Napoli (IT). MIRONE, Vincenzo [IT/IT]; Via Posillipo, 203, I-80123 Napoli (IT). IGNARRO, Louis, J. [US/US]; 269 S. Beverly Drive, PMB 288, Beverly Hills, CA 90212 (US). DEL SOLDATO, Piero [IT/IT]; Via E. Toti, 22, I-20152 Monza (IT).

(74) BARCHIELLI, Giovanna; Patent Department, Via L. Ariosto 21, I-20091 Bresso (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 31/16

(11) WO 2004/043444 (13) A1

(21) PCT/US2003/008905

(22) 24 Mar/mar 2003 (24.03.2003)

(25) en (26) en

(30) 60/424,728 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TREATMENT OF AMYOTROPHIC LATERAL SCLEROSIS WITH NIMESULIDE

• TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE AVEC DE LA NIMESULIDE

(71) MOUNT SINAI SCHOOL OF MEDICINE [US/US]; One Gustave L. Levy Place, New York, NY 10029-6547 (US).

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(72, 75) PASINETTI, Giulio, Maria [IT/US]; 134 East 93rd Street, New York, NY 10028 (US).

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

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

(51)⁷ A61K 31/167, 31/365, 31/7048, 31/4184, A61P 31/00

(11) WO 2004/043445 (13) A1

(21) PCT/AU2003/001490

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 2002952597 11 Nov/nov 2002 AU (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TOPICAL PARASITICIDE FORMULATIONS AND METHODS OF TREATMENT

• FORMULATIONS ANTIPARASITAIRES TOPIQUES ET PROCÉDES DE TRAITEMENT

(71) SCHERING-PLOUGH PTY. LIMITED [AU/AU]; 11 Gibbon Road, Baulkham Hills, NSW 2153 (AU).

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

(72, 75) SHEPHERD, Stanley [GB/AU]; 32 Bainbridge Avenue, Ingleburn, NSW 2565 (AU).

(74) SPRUSON & FERGUSON; GPO Box 3898, Sydney, NSW 2001 (AU).

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

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

(51)⁷ A61K 31/17, 31/505, A61P 33/00

(11) WO 2004/043446 (13) A2

(21) PCT/EP2003/012708

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 02025384.5 14 Nov/nov 2002 EP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION

• COMPOSITION

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1235 Vienna (AT).
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(72, 75) HOSKING, Barry, Charles [NZ/AU]; 23 Peppertree Drive, Erskine Park, NSW 2759 (AU). OECHSLEIN, Walter [DE/DE]; Unterm Rain 12, 79713 Harpolingen (DE).

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

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

(51)⁷ A61K 31/17, 31/495, A61P 27/16

(11) WO 2004/043447 (13) A2

(21) PCT/US2003/036269

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,878 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND METHODS FOR
TREATING OR PREVENTING HEAR-
ING IMPAIRMENT• COMPOSITIONS ET METHODES DE
TRAITEMENT OU DE PREVENTION
DES TROUBLES DE L'OUÏE(71) SEPRACOR, INC. [US/US]; 84 Waterford
Drive, Marlborough, MA 01752-7010 (US).
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les États désignés sauf US)(72, 75) CURRIE, Mark, G. [US/US]; 18
Hall Avenue, Sterling, MA 01564 (US).
HEEFNER, Donald, L. [US/US]; 111
Brigham Street, #4F, Hudson, MA 01749
(US). RUBIN, Paul [US/US]; 37 Grey-
stone Lane, Sudbury, MA 01776-5303 (US).
ZEPP, Charles, M. [US/US]; 940 North
Road, Hardwick, MA 01037 (US).(74) HALSTEAD, David, P. et al. / etc.; Ropes
& Gray LLP, One International Place, Boston,
MA 02110-2624 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ A61K 31/18, 9/58, A61P 13/08

(11) WO 2004/043448 (13) A1

(21) PCT/EP2003/012829

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/293,940 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHARMACEUTICAL PELLETS COM-
PRISING TAMSULOSIN• PASTILLES PHARMACEUTIQUES A
LA TAMSULOSINE(71) SYNTHON B.V. [NL/NL]; Microweg 22,
NL-6545 CM Nijmegen (NL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PLATTEEUW, Johannes, Jan
[NL/NL]; Zandveldstraat 30, NL-5223 HE
'S-Hertogenbosch (NL).(74) PRINS, Hendrik, Willem; Arnold &
Siedsma, Sweelinkplein 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 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ A61K 31/18, 9/58, A61P 13/08

(11) WO 2004/043449 (13) A1

(21) PCT/NL2002/000821

(22) 12 Dec/déc 2002 (12.12.2002)

(25) en (26) en

(30) 10/293,940 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHARMACEUTICAL PELLETS COM-
PRISING TAMSULOSIN AND A
PROCESS FOR MAKING THE SAME• GRANULES PHARMACEUTIQUES
CONTENANT DE LA TAMSULOSINE
ET PROCEDE PERMETTANT LA PRE-
PARATION DE CES GRANULES(71) SYNTHON B.V. [NL/NL]; Microweg 22,
NL-6545 CM Nijmegen (NL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PLATTEEUW, Johannes, Jan
[NL/NL]; Zandveldstraat 20, NL-5223 JE
'S-Hertogenbosch (NL).(74) PRINS, Hendrik, Willem; Arnold &
Siedsma, Sweelinkplein 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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ A61K 31/19, A61P 31/00

(11) WO 2004/043450 (13) A1

(21) PCT/EP2003/012370

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 957.4 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SORBIC ACID AS AN ANTI-INFEC-
TIVE AGENT AGAINST COCCIDIA• ACIDE SORBIQUE EN TANT
QU'AGENT ANTI-INFECTIEUX
CONTRE LES COCCIDIES(71) NUTRINOVA NUTRITION SPECIAL-
TIES & FOOD INGREDIENTS GMBH
[DE/DE]; Brüningstrasse 50, 65929 Frankfurt
am Main (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RACZEK, Nico, N. [DE/DE];
Schwarzwaldstrasse 15 d, 65779 Kelkheim
(DE). TER MEER, Hans-Ulrich [DE/DE];
Fuchshohl 80, 60431 Frankfurt am Main
(DE).(74) ZOUNEK, Nicolai et al. / etc.; Industriepark
Kalle-Albert, Rheingaustrasse 190-196,
65203 Wiesbaden (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ A61K 31/195, 35/78

(11) WO 2004/043451 (13) A1

(21) PCT/DK2003/000773

(22) 11 Nov/nov 2003 (11.11.2003)

(25) da (26) en

(30) PA 2002 01736 11 Nov/nov 2002 DK
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION FOR THE TREAT-
MENT OF GASTROINTESTINAL DIS-
ORDERS• COMPOSITIONS POUR LE TRAITE-
MENT DE TROUBLES GASTRO-IN-
TESTINAUX(71) PHARMALETT A/S [DK/DK]; Profilvej 1,
DK-6000 Kolding (DK).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) AGGER, Nicolai [DK/DK]; Strand-
parken 4, DK-5800 Nyborg (DK).(74) LARSEN & BIRKEHOLM A/S; Banegård-
spladsen 1, P.O. Box 362, DK-1570 Copen-
hagen V (DK).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE 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).

Published / Publiée : (c)

(51)⁷ A61K 31/198, A61P 5/14

(11) WO 2004/043452 (13) A1

(21) PCT/EP2003/012584

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) MI2002A002394 13 Nov/nov 2002 IT (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 3,5,3'-TRIIODOTHYRONINE SULFATE AS THYROMIMETIC AGENT AND PHARMACEUTICAL FORMULATIONS THEREOF

• SULFATE DE 3,5,3'-TRIIODOTHYRONINE EN TANT QU'AGENT THYROMIMETIQUE ET PREPARATIONS PHARMACEUTIQUES A BASE DE CELUI-CI

(71) BRACCO S.P.A. [IT/IT]; Via Egidio Folli, 50, I-20134 Milano (IT).

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(72, 75) PINCHERA, Aldo [IT/IT]; Bracco S.p.A., Via Egidio Folli, 50, I-20134 Milano (IT). SANTINI, Ferruccio [IT/IT]; Bracco S.p.A., Via Egidio Folli, 50, I-20134 Milano (IT).

(74) MACCHETTA, Francesco; Bracco S.p.A., Intellectual Property Department, Via Egidio Folli, 50, I-20134 Milano (IT).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A61K 31/198, A61P 31/22

(11) WO 2004/043453 (13) A1

(21) PCT/US2003/035996

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,586 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LYSINE MIXTURE AND APPARATUS AND METHOD FOR ADMINISTERING LYSINE

• MELANGE DE LYSINE, APPAREIL ET PROCÉDE D'ADMINISTRATION DE LYSINE

(71, 72) WELSER, Jennifer, L. [US/US]; 1262 Clayton Street, San Francisco, CA 94114 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

(51)⁷ A61K 31/221, 31/475, 31/555, 45/06, A61P 25/02

(11) WO 2004/043454 (13) A1

(21) PCT/IT2003/000656

(22) 23 Oct/oct 2003 (23.10.2003)

(25) en (26) en

(30) 10/292,823 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACETYL-L-CARNITINE FOR THE PREVENTION AND/OR TREATMENT OF PERIPHERAL NEUROPATHIES INDUCED BY ANTICANCER AGENTS

• ACÉTYLE-L-CARNITINE POUR LA PREVENTION ET/OU LE TRAITEMENT DE NEUROPATHIES PERIPHERIQUES INDUITES PAR DES AGENTS ANTICANCEREUX

(71) SIGMA-TAU INDUSTRIE FARMACEUTICHE RIUNITE SpA [IT/IT]; Viale Shakespeare, 47, I-00144 Roma (IT).

(72) CAVAZZA, Claudio; c/o Sigma-Tau Industrie Farmaceutiche Riunite S.p.A., Via Pontina, Km. 30,400, I-00040 Pomezia RM (IT). PISANO, Claudio; c/o Sigma-Tau Industrie Farmaceutiche, Riunite S.p.A., Via Pontina Km. 30,400, I-00040 Pomezia (IT). VESCI, Loredana; Sigma-Tau Industrie Farmaceutiche Riunite S.p.A., Via Pontina, Km 30,400, I-00040 Pomezia RM (IT).

(74) SPADARO, Marco; Cavattoni-Raimondi, Viale dei Parioli, 160, I-00197, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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(51)⁷ A61K 31/381, A61P 1/04

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(21) PCT/FR2003/003279

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/13805 5 Nov/nov 2002 FR (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF THE DISTRONTIUM SALT OF THE ACID 2-[N,N-DI(CARBOXYMETHYL)AMINO]-3-CYANO-4-CARBOXYMETHYL-THIOPHENE-5-CARBOXYLATE FOR THE PRODUCTION OF MEDICAMENTS FOR THE TREATMENT OF GASTRO-DUODENAL PAIN

• UTILISATION DU SEL DISTRONTIQUE DE L'ACIDE 2-[N,N-DI(CARBOXYMETHYL)AMINO]-3-CYANO-4-CARBOXYMETHYL-THIOPHENE-5-CARBOXYLIQUE POUR L'OBTENTION DE MEDICAMENTS DESTINES AU TRAITEMENT DES DOULEURS GASTRO-DUODENALES

(71) LES LABORATOIRES SERVIER [FR/FR]; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).

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

(72, 75) TSOUDEROS, Yanniss [FR/FR]; 238, boulevard Raspail, F-75014 Paris (FR).

(74) LES LABORATOIRES SERVIER; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ A61K 31/397, A61P 25/00

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(21) PCT/US2003/035027

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,165 6 Nov/nov 2002 US
(06.11.2002)(30) 60/493,318 7 Aug/août 2003 US
(07.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHOLESTEROL ABSORPTION INHIBITORS FOR THE TREATMENT OF DEMYELINATION

• INHIBITEURS D'ABSORPTION DU CHOLESTEROL POUR LE TRAITEMENT DE LA DEMYELINATION

(71) SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(72) FINE, Jay, S.; 11 Aldon Terrace, Bloomfield, NJ 07003 (US). PARKER, Eric, McFee; 50 Rambling Drive, Scotch Plains, NJ 07076 (US).

(74) CANNONI, Ann, Marie; Schering-Plough Corporation, Patent Department-K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

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

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

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

(51)⁷ A61K 31/397, A61P 37/00

(11) WO 2004/043457 (13) A1

(21) PCT/US2003/035058

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/424,165 6 Nov/nov 2002 US
(06.11.2002)(30) 60/493,318 7 Aug/août 2003 US
(07.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHOLESTEROL ABSORPTIONS INHIBITORS FOR THE TREATMENT OF AUTOIMMUNE DISORDERS

• INHIBITEURS D'ABSORPTION DE CHOLESTEROL POUR LE TRAITEMENT DE TROUBLES AUTO-IMMUNS

(71) SCHERING CORPORATION [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

(72) ERBEY, John, R., II; 19 Samuel Drive, Flemington, NJ 08822 (US). FINE, Jay, S.; 11 Aldon Terrace, Bloomfield, NJ 07003 (US). VELTRI, Enrico, P.; 6 Toftrees Court, Princeton, NJ 08540 (US).

(74) CANNONI, Ann, Marie; Schering-Plough Corporation, Patent Department-K-6-1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).

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

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

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE EG ES FI GB GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LU LV MA MD MG MK MN MX MZ NI NO NZ PG PH PL PT RO RU SC SE SG SK SL SY TJ TM

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

(51)⁷ A61K 31/40, C07D 295/155, 295/116, A61P 25/00, 3/00, C07D 261/08, 207/08, 207/12, 207/14, C07C 255/58, C07D 295/088, 207/20, 215/12, 215/14, 217/14

(11) WO 2004/043458 (13) A1

(21) PCT/US2003/035365

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/292,422 12 Nov/nov 2002 US
(12.11.2002)(30) 10/689,735 22 Oct/oct 2003 US
(22.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BICYCLIC-SUBSTITUTED AMINES AS HISTAMINE-3 RECEPTOR LIGANDS

• AMINES BICYCLIQUES SUBSTITUEES UTILISEES COMME LIGANDS DES RECEPTEURS DE L'HISTAMINE-3

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

(72) ALTENBACH, Robert, J.; 7405 N. Oketo, Chicago, IL 60631 (US). BLACK, Lawrence, A.; 1173 Tamarack Lane, Libertyville, IL 60048 (US). CHANG, Sou-Jen; 16139 Port Clinton Road, Prairie View, IL 60069 (US). COWART, Marlon, D.; 43 East Dahlia Lane, Round Lake Beach, IL 60073 (US). FAGHIH, Ramin; 36 N. Washington Road, Lake Forest, IL 60046 (US). GFESSER, Gregory, A.; 1054 Lakehurst Drive; Apt. 201, Waukegan, IL 60085 (US). KU, Yi-Yin; 23 River Oaks Circle East, Buffalo Grove, IL 60089 (US). LIU, Huaqing; 2230 Apple Hill Court S., Buffalo Grove, IL 60089 (US). LUKIN, Kirill, A.; 50 Parliament Way, Mundelein, IL 60060 (US). NERSESIAN, Diana, L.; 4207 Coral Berry Path #103, Gurnee, IL 60031 (US). PU, Yu-ming; 803 Adderly Lane, Gurnee, IL 60031 (US). SHARMA, Padam, N.; 6132 Indian Trail, Gurnee, IL 60031 (US). BEN-NANI, Youssef, L.; 21200 Claythorne Rd., Shaker Heights, OH 44122 (US). CURTIS, Michael, P.; 6721 31st. Avenue, Kenosha, WI 53142 (US).

(74) CHEN, Portia et al. / etc.; D-377 AP6A-1, 100 Abbott Park Road, Abbott Park, IL 60064-6008 (US).

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

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

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

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(51)⁷ **A61K 31/4184, 31/4178, 31/4188, 31/4196, 31/437, 31/506, 31/519, A61P 35/00**

(11) **WO 2004/043459** (13) A1

(21) PCT/EP2003/012593

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 60/425,483 **12 Nov/nov 2002 US (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • TREATMENT OF MESOTHELIOMA
• TRAITEMENT DU MESOTHELIOME

(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) **HOHNEKER, John, Arthur [US/US];** 21 Hilltop Circle, Morristown, NJ 07960 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NI NO NZ OM PG PH PL PT RO RU SC SE SG SK SY TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **A61K 31/428, 31/485, A61P 25/04**

(11) **WO 2004/043460** (13) A1

(21) PCT/US2003/036039

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/292,105 **12 Nov/nov 2002 US (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYNERGISTIC COMBINATIONS WITH ANALGESIC PROPERTIES COMPRISING N-ACYLATED 4-HYDROXYPHENYLAMINE DERIVATIVES

• COMBINAISONS SYNERGIQUES CONTENANT DES DERIVES DE 4-HYDROXYPHENYLAMINES N-ACYLEES

(71) **LSU MEDICAL CENTER FOUNDATION [US/US];** 2000 Tulane Avenue, New Orleans, LA 70112 (US).

(72) **BAZAN, Nicolas, G.;** 478 Broadway Street, New Orleans, LA 70118 (US). **SUNKEL, Carlos;** Calle Amara #47, E-28033 Madrid (ES). **BUILLA, Julio, Alvarez;** C. Condado de Treoino a, E-28033 Madrid (ES). **PAUL,**

Dennis; 836 Louisiana Avenue, New Orleans, LA 70115 (US).

(74) **EYMARD, Frank, C.;** Adams and Reese LLP, 4500 One Shell Square, New Orleans, LA 70139 (US).

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

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

Published / Publiée : (c)

(51)⁷ **A61K 31/44, 31/53, 31/70, 31/445**

(11) **WO 2004/043461** (13) A1

(21) PCT/US2002/035532

(22) **6 Nov/nov 2002 (06.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMBINATION THERAPY FOR THE TREATMENT OF ACUTE LEUKEMIA AND MYELOYDYSPLASTIC SYNDROME

• THERAPIE COMBINEE DE TRAITEMENT DE LA LEUCEMIE AIGUE ET DU SYNDROME MYELOYDYSPLASTIQUE

(71) **WYETH [US/US];** Five Giralda Farms, Madison, NJ 07940 (US).

(72) **FEINGOLD, Jay, Marshall;** 230 Indian Creek Road, Wynnewood, PA 19096 (US).

(74) **BARNHARD, Elizabeth, M. et al. / etc.;** Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

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

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

(51)⁷ **A61K 31/44**

(11) **WO 2004/043462** (13) A1

(21) PCT/US2003/031380

(22) **3 Oct/oct 2003 (03.10.2003)**

(25) en (26) en

(30) 60/424,443 **7 Nov/nov 2002 US (07.11.2002)**

(30) 10/624,328 **22 Jul/juil 2003 US (22.07.2003)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF TREATMENT OF PSYCHOLOGICAL CONDITIONS BY ADMINISTRATION OF NERVE GROWTH FACTOR

• METHODE DE TRAITEMENT D'ETATS PSYCHOLOGIQUES PAR ADMINISTRATION DU FACTEUR DE CROISSANCE DU TISSU NERVEUX

(71) **MILKHAUS LABORATORY, INC. [US/US];** 70 Elm Street, Providence, RI 02903 (US).

(72) **MCMICHAEL, John;** Corner of Westfall and Larry Hill Road, R.D. 1, Delanson, NY 12053 (US). **UNICE, Kenneth, A.;** 495 Pine Street, Meadville, PA 16335 (US).

(74) **SHARP, Jeffrey, S.;** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 31/44, C07D 401/02**

(11) **WO 2004/043463** (13) A2

(21) PCT/US2003/035370

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

(25) en (26) en

(30) 60/424,162 **6 Nov/nov 2002 US (06.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • SULFONAMIDES
• SULFONAMIDES

(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) **NEEB, Michael, J. [US/US];** 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) **HALL, Linda, E. 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 **A61K 31/445, 39/395, 48/00, C07D 401/04**
- (11) **WO 2004/043464** (13) A1
- (21) PCT/US2003/011328
- (22) **13 Apr/avr 2003 (13.04.2003)**
- (25) en (26) en
- (30) 60/424,730 **6 Nov/nov 2002 US (06.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHODS OF USING AND COMPOSITIONS COMPRISING IMMUNOMODULATORY COMPOUNDS FOR THE TREATMENT AND MANAGEMENT OF MYELOPROLIFERATIVE DISEASES
- METHODES D'UTILISATION ET COMPOSITIONS RECORANT A DES COMPOSES IMMUNOMODULATOIRES POUR LE TRAITEMENT ET LA GESTION DE SYNDROMES MYELOPROLIFERATIFS
- (71) **CELGENE CORPORATION** [US/US]; 7 Powder Horn Drive, Warren, NJ 07059 (US).
- (72) **ZELDIS, Jerome, B.**; 157 Christopher Drive, Princeton, NJ 08540 (US).
- (74) **INSOGNA, Anthony, M. et al. / etc.; Pennie & Edmonds LLP**, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 31/501, A61P 25/28**
- (11) **WO 2004/043465** (13) A1
- (21) PCT/HU2003/000096
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) en (26) en
- (30) P0203929 **13 Nov/nov 2002 HU (13.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SUBSTITUTED ALKYL-PYRIDAZINONES FOR THE TREATMENT OF MEMORY AND LEARNING MALFUNCTIONS
- ALKYL-PYRIDAZINONES SUBSTITUES POUR LE TRAITEMENT DE DYSFONCTIONNEMENTS DE LA MEMOIRE ET DE L'APPRENTISSAGE
- (71) **EGIS GYÓGYSZERGYÁRT. [HU/HU]**; Keresztúri út 30-38, H-1106 Budapest (HU). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LÉVAY, György** [HU/HU]; Gábor Áron u. 10, H-2092 Budakeszi (HU). **GACSÁ-LYI, István** [HU/HU]; Baross u. 67, H-1201

- Budapest (HU). **MARKÓ, Bernadett** [HU/HU]; Pásztorfalva u. 14, H-1171 Budapest (HU). **SCHMIDT, Éva** [HU/HU]; Széher u. 51/B, H-1021 Budapest (HU). **EGYED, András** [HU/HU]; Újvidék u. 58, H-1145 Budapest (HU). **KOMPAGNE, Hajnalka** [HU/HU]; Kőérberki u. 5/b, H-1221 Budapest (HU). **LEVELEKI, Csilla** [HU/HU]; Tárkony u. 47., H-1029 Budapest (HU). **MIKLÓSNÉ KOVÁCS, Anikó** [HU/HU]; Vágújhely u. 10, H-1141 Budapest (HU). **SZÉNÁSI, Gábor** [HU/HU]; Vízimolnár u. 9, H-1031 Budapest (HU). **WELLMANN, János** [HU/HU]; Toroczkó u. 12., H-1026 Budapest (HU). **HÁRSING, László Gábor** [HU/HU]; Dembinszky u. 8, H-1071 Budapest (HU). **BARKÓCZY, József** [HU/HU]; Szirom u. 4-6/B, H-1016 Budapest (HU). **SIMIG, Gyula** [HU/HU]; Hollósy S. u. 25, H-1126 Budapest (HU). **KÓTAY NAGY, Péter** [HU/HU]; Nagymező u. 73, H-2600 Vác (HU).
- (74) **ADVOPATENT; P.O. Box 11, Office of Patent and Trademark Attorney, H-1251 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 ID IL IN IS JP 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 SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ **A61K 31/505, 31/196, A61P 35/02**
- (11) **WO 2004/043466** (13) A1
- (21) PCT/IB2003/005454
- (22) **10 Nov/nov 2003 (10.11.2003)**
- (25) en (26) en
- (30) 60/425,481 **12 Nov/nov 2002 US (12.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • COMBINATION OF A NITROGEN MUSTARD ANALOGUE AND IMATINIB FOR THE TREATMENT OF CHRONIC LYMPHOCYTIC LEUKEMIA
- COMBINAISON D'UN ANALOGUE D'AZOTE DE LA MOUTARDE ET D'IMATINIB POUR LE TRAITEMENT DE LA LEUCEMIE LYMPHOIDE CHRONIQUE
- (71) **JEWISH GENERAL HOSPITAL [CA/CA]**; 3755 Cote St. Catherine Street, Montreal, Quebec H3T 1E2 (CA). *(for all designated States except / pour tous les États désignés sauf US)*
- (71, 72) **PANASCI, Lawrence, Carl** [CA/CA]; 1170 Tecumesh, Dollard des Ormeaux, Quebec H9b 2Z4 (CA). **ALOYZ, Raquel, Silvia** [AR/CA]; 56 Marie Anne est, Montreal, Quebec H2W 1A2 (CA).
- (74) **DOHMANN, George, R. et al. / etc.; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).**

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NI NO NZ OM PG PH PL PT RO RU SC SE SG SK SY TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- (51)⁷ **A61K 31/506, A61P 31/12, 31/18**
- (11) **WO 2004/043467** (13) A1
- (21) PCT/GB2003/004977
- (22) **14 Nov/nov 2003 (14.11.2003)**
- (25) en (26) en
- (30) 0226582.5 **14 Nov/nov 2002 GB (14.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ANTI-VIRAL COMPOUNDS
- COMPOSES ANTIVIRAUX
- (71) **CYCLACEL LIMITED** [GB/GB]; 12 St James's Square, London SW1Y 4RB (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WANG, Shudong** [AU/GB]; Burnside Mill, Forfar, Angus, Scotland DD8 2RZ (GB). **MEADES, Christopher** [GB/GB]; 32 Chirnside Place, Whitehazel Park, Dundee, Scotland DD4 0TE (GB). **WOOD, Gavin** [GB/GB]; Whinrig, Millbank, Cupar, Fife, Scotland KY15 5DP (GB). **BLAKE, David** [GB/GB]; 2 Dick Street, Monifieth, Angus, Scotland DD5 4EF (GB). **FISCHER, Peter** [GB/GB]; Denley Lodge, 1 Arbirlot Road, Arbroath, Angus, Scotland DD11 2EN (GB).
- (74) **CLYDE-WATSON, Zoe et al. / etc.; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).**
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration :
(u) for / pour US only / seulement
- (51)⁷ **A61K 31/513, A61P 9/00, 11/06, 37/02, C07K 14/705, G01N 33/50, A61P 1/04, 9/04, 13/12, 37/06, G01N 33/15, A61P 1/18, 9/06, 19/02, 37/08, A61K 45/00, A61P 3/04, 9/10, 29/00, 43/00, A61K 38/17, A61P 3/10, 11/00, 31/00, C12N 15/12**
- (11) **WO 2004/043468** (13) A1
- (21) PCT/JP2003/014292

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-328581 12 Nov/nov 2002 JP
(12.11.2002)(30) 2003-092033 28 Mar/mar 2003 JP
(28.03.2003)(30) 2003-168817 13 Jun/juin 2003 JP
(13.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SCREENING METHOD

• PROCEDE DE CRIBLAGE

(71) TAKEDA CHEMICAL INDUSTRIES,
LTD. [JP/JP]; 1-1, Doshomachi 4-chome,
Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HINUMA, Shuji [JP/JP]; 7-9-1402, Ka-
suga 1-chome, Tsukuba-shi, Ibaraki 305-0821
(JP). FUJII, Ryo [JP/JP]; 33-16, Kasuga
2-chome, Tsukuba-shi, Ibaraki 305-0821
(JP). KAWAMATA, Yuji [JP/JP]; 22-2-203,
Matsushiro 4-chome, Tsukuba-shi, Ibaraki
305-0035 (JP). KOMATSU, Hidetoshi
[JP/JP]; 2071, Takaoka, Nihari-mura, Ni-
hari-gun, Ibaraki 300-4117 (JP). UEJIMA,
Hiroshi [JP/JP]; 7-9-202, Kasuga 1-chome,
Tsukuba-shi, Ibaraki 305-0821 (JP). ITOH,
Fumio [JP/JP]; 7-9-604, Kasuga 1-chome,
Tsukuba-shi, Ibaraki 305-0821 (JP).(74) TAKAHASHI, Shuichi et al. / etc.; c/o
Osaka Plant of TAKEDA CHEMICAL IN-
DUSTRIES, LTD., 17-85, Jusohonmachi
2-chome, Yodogawa-ku, Osaka-shi, Osaka
532-0024 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ A61K 31/525, 31/44, 31/34, 31/195

(11) WO 2004/043469 (13) A1

(21) PCT/US2002/036698

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTI-AGING SKIN CARE COMPOSI-
TION AND USES THEREOF• COMPOSITIONS ANTI-VIEILLISSE-
MENT POUR LE SOIN DE LA PEAU
ET LEURS UTILISATIONS(63) US 60/331,455 (CIP)
16 Nov/nov 2001 (16.11.2001)(71, 72) KLYSZ, Beatrice, M. [US/US]; 420 East
55th Street, Apt. 4-R, New York, NY 10022
(US).(74) KOLE, Lisa, B.; Baker Botts L.L.P.,
30 Rockefeller Plaza, New York, NY
10112-4498 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ A61K 31/5513, 31/335, 31/575, 31/573,
A61P 27/14

(11) WO 2004/043470 (13) A1

(21) PCT/US2003/036054

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,494 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THE USE OF AN ANTI-ALLERGY
AGENT AND A STEROID TO TREAT
ALLERGIC RHINITIS• UTILISATION D'UN AGENT ANTI-AL-
LERGIQUE ET D'UN STEROIDE POUR
TRAITER UNE RHINITE ALLER-
GIQUE(71) ALCON, INC. [CH/CH]; Bosch 69, P.O.
Box 62, CH-6331 Hünenberg (CH).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) CAGLE, Gerald, D. [US/US]; 6309
Greenway, Fort Worth, TX 76116 (US).
WALL, G., Michael [US/US]; 4417
Ledgeway Road, Fort Worth, TX 76109
(US). YANNI, John, M. [US/US]; 2821
Donnybrook Drive, Burleson, TX 76028
(US). JANI, Rajni [US/US]; 4621 Bri-
arhaven Road, Fort Worth, TX 76109 (US).
BHAGAT, Hareesh, G. [US/US]; 6437 Elm-
crest Court, Fort Worth, TX 76132 (US).(74) RYAN, Patrick, M. et al. / etc.; Alcon Re-
search, Ltd., R & D Counsel Q-148, 6201
South Freeway, Fort Worth, TX 76134-2099
(US).

(81) AU BR CA CN JP KR MX PL US ZA.

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

Published / Publiée : (c)

(51)⁷ A61K 31/5575, 31/5585, 31/559, A61P
17/04 // C07C 405/00

(11) WO 2004/043471 (13) A1

(21) PCT/JP2003/014446

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-329980 13 Nov/nov 2002 JP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTIPRURITIC DRUG

• MEDICAMENT ANTIPRURITIQUE

(71) TAISHO PHARMACEUTICAL CO.,
LTD. [JP/JP]; 24-1, Takata 3-chome,
Toshima-ku, Tokyo 170-8633 (JP).(for all designated States except / pour tous
les États désignés sauf US)(71, 72) SATO, Fumie [JP/JP]; 2-1-901, Ku-
genumahigashi, Fujisawa-shi, Kanagawa
251-0026 (JP).(72, 75) ARAI, Iwao [JP/JP]; c/o Taisho
Pharmaceutical Co., Ltd., 24-1, Takata
3-chome, Toshima-ku, Tokyo 170-8633 (JP).
TAKANO, Norikazu [JP/JP]; c/o Taisho
Pharmaceutical Co., Ltd., 24-1, Takata
3-chome, Toshima-ku, Tokyo 170-8633 (JP).
TANAMI, Tohru [JP/JP]; c/o Taisho Phar-
maceutical Co., Ltd., 24-1, Takata 3-chome,
Toshima-ku, Tokyo 170-8633 (JP). YAGI,
Makoto [JP/JP]; c/o Taisho Pharmaceutical
Co., Ltd., 24-1, Takata 3-chome, Toshima-ku,
Tokyo 170-8633 (JP).(74) SHAMOTO, Ichio et al. / etc.; YUASA
AND HARA, Section 206, New Ohtemachi
Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku,
Tokyo 100-0004 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 31/70, 31/517, 45/00, A61P 35/00

(11) WO 2004/043472 (13) A1

(21) PCT/GB2003/004787

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 0226434.9 13 Nov/nov 2002 GB
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMBINATION PRODUCT OF IN-
HIBITOR OF THE SRC FAMILY OF
NON-RECEPTOR TYROSINE KI-
NASES AND GEMCITABINE• PRODUIT COMBINANT UN INHI-
BITEUR DE LA FAMILLE SRC DES
TYROSINE KINASES NON RECEP-
TRICES ET DE LA GEMCITABINE(71) ASTRAZENECA AB [SE/SE]; Sodertalje,
S-151 85 (SE).(for all designated States except / pour tous
les États désignés sauf MG US)(71) ASTRAZENECA UK LIMITED
[GB/GB]; 15 Stanhope Gate, London, Greater
London W1K 1LN (GB).
(only for / seulement pour MG)(72, 75) BARGE, Alan [GB/GB]; AstraZeneca R
& D Alderley, Alderley Park, Macclesfield,
Cheshire SK10 4TG (GB).(74) TAIT, Brian, Steele; Astrazeneca, Global In-
tellectual Property, PO Box 272, Mereside,
Alderley Park, Macclesfield, Cheshire SK10
4GR (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 31/79, 33/18, 47/24, 47/36, A61P
17/02

(11) WO 2004/043473 (13) A1

(21) PCT/JP2003/014251

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-326535 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION FOR RESTORING
DAMAGED SKIN

• COMPOSITION DERMO-REPARA-
TRICE

(71) KOWA CO., LTD. [JP/JP]; 6-29, Nishiki
3-chome, Naka-ku, Nagoya-shi, Aichi 460-
8625 (JP). TEIKA PHARMACEUTICAL
CO., Ltd. [JP/JP]; 3-27, Arakawa 1-chome,
Toyama-shi, Toyama 930-0982 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) NISHIMURA, Masahiro [JP/JP];
1151-1-3, Hara, Numazu-shi, Shizuoka
410-0312 (JP). NITO, Shihomi [JP/JP];
166-307, Ohzuwa, Numazu-shi, Shizuoka
410-0873 (JP). INAGI, Toshio [JP/JP];
6-10-203, Nishiwakacho, Mishima-shi,
Shizuoka 411-0038 (JP). KIMURA,
Takahito [JP/JP]; 81, Taroumaru 2-ku,
Toyama-shi, Toyama 939-8076 (JP).

(74) THE PATENT CORPORATE BODY
ARUGA PATENT OFFICE; Kyodo Build-
ing, 3-6, Nihonbashiningyocho 1-chome,
Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 33/00

(11) WO 2004/043474 (13) A2

(21) PCT/EP2003/012532

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de

(30) 102 53 634.1 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF ONE OR MORE ELEMENTS
FROM THE GROUP CONTAINING
YTTRIUM, NEODYMIUM AND ZIR-
CONIUM AND PHARMACEUTICAL
COMPOSITIONS CONTAINING SAID
ELEMENTS

• UTILISATION D'UN OU DE PLU-
SIEURS ELEMENTS DU GROUPE
RASSEMBLANT L'YTTRIUM, LE
NEODYME ET LE ZIRCONIUM,
ET COMPOSITIONS PHARMACEU-
TIQUES CONTENANT CES ELE-
MENTS

(71) BIOTRONIK GMBH & CO. KG [DE/DE];
Woermannkehe 1, 12359 Berlin (DE).

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

(72, 75) HARDER, Claus [DE/DE]; Kirchen-
weg 9, 91080 Uttenreuth (DE). HEUBLEIN,
Bernd [DE/DE]; Albrechtstrasse 2, 30627
Hannover (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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 :

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

(51)⁷ A61K 35/78, A61P 25/28, A23L 1/30,
2/00, A23K 1/16

(11) WO 2004/043475 (13) A1

(21) PCT/JP2003/014238

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002/328871 12 Nov/nov 2002 JP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AGENT FOR IMPROVING LEARNING
AND MEMORIZING ABILITIES

(26) de

13 Nov/nov 2002 DE
(13.11.2002)

• AGENT DESTINE A AMELIORER LES
CAPACITES D'APPRENTISSAGE ET
DE MEMORISATION

(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) NISHIYAMA, Eiji [JP/JP]; 1411-7,
Mizuho-cho, Moriyama-shi, Shiga 524-0102
(JP). DEGUCHI, Suzu [JP/JP]; 3-1-3-B-103,
Seta, Otsu-shi, Shiga 520-2134 (JP).
OHNOGI, Hiromu [JP/JP]; 12-1-311,
Nishishibukawa 2-chome, Kusatsu-shi, Shiga
525-0025 (JP). SUGIYAMA, Katsumi
[JP/JP]; 8-8-210, Seta 3-chome, Otsu-shi,
Shiga 520-2134 (JP). SAGAWA, Hiroaki
[JP/JP]; 6-32, Nishishibukawa 2-chome,
Kusatsu-shi, Shiga 525-0025 (JP). KATO,
Ikunoshin [JP/JP]; 1454-15, Nagano, Shi-
garaki-cho, Koka-gun, Shiga 529-1851 (JP).

(74) HOSODA, Yoshinori; c/o Hosoda Inter-
national Patent Office, OMM Building 5th
Floor, P.O.Box 26, 7-3-1, 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 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 35/78, A23L 1/30, A61K 31/365,
9/00, B05C 17/00, A61M 11/06

(11) WO 2004/043476 (13) A1

(21) PCT/US2003/033454

(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

(30) 10/288,610 5 Nov/nov 2002 US
(05.11.2002)

(30) 10/457,033 6 Jun/juin 2003 US
(06.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND METHODS OF
TREATMENT TO ALLEVIATE OR PRE-
VENT MIGRAINOUS HEADACHES
AND THEIR ASSOCIATED SYMP-
TOMS

• COMPOSITIONS ET PROCEDES DE
TRAITEMENT DESTINE A SOULA-
GER OU A PREVENIR DES CEPHA-
LEES MIGRAINEUSES ET LEURS
SYMPTOMES ASSOCIES

(71) GELSTAT CORPORATION [US/US];
Southpoint Office Center, 1650 West 82nd
Street, Suite 1040, Bloomington, MN 55431
(US).

(72) MITCHELL, Russell, W.; 9103 Buska
Street, Schofield, WI 54476 (US). HIG-
GINS, James, W.; 1605 Edward Avenue,
Rothschild, WI 54474 (US). ROBERTS,
Stephen, C.; 5418 Mayview Road, Min-
netonka, MN 55345 (US).

(74) **BJORKMAN, Dale, A. et al. / etc.;** Kagan Binder, PLLC, Suite 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

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

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

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(51)⁷ **A61K 35/78, A23L 1/30, A61K 31/365, 9/00, B05C 17/00, A61M 11/06**

(11) **WO 2004/043477** (13) A1

(21) PCT/US2003/033455

(22) **21 Oct/oct 2003 (21.10.2003)**

(25) en (26) en

(30) 10/288,610 **5 Nov/nov 2002 (05.11.2002)** US

(30) 10/457,041 **6 Jun/juin 2003 (06.06.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **DIETARY SUPPLEMENT COMPRISING PARTHENOLIDE**

• **COMPLEMENT ALIMENTAIRE COMPRENANT DU PARTHENOLIDE**

(71) **GELSTAT CORPORATION** [US/US]; Southpoint Office Center, 1650 West 82nd Street, Suite 1040, Bloomington, MN 55431 (US).

(72) **MITCHELL, Russell, W.;** 9103 Buska Street, Schofield, WI 54476 (US). **HIGGINS, James, W.;** 1605 Edward Avenue, Rothschild, WI 54474 (US). **ROBERTS, Stephen, C.;** 5418 Mayview Road, Minnetonka, MN 55345 (US).

(74) **BJORKMAN, Dale, A. et al. / etc.;** KAGAN BINDER, PLLC, Suite 200 Maple Island Building, 221 Main Street North, Stillwater, MN 55082 (US).

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

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

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(51)⁷ **A61K 35/78**

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(22) **29 Oct/oct 2003 (29.10.2003)**

(25) en (26) en

(30) 10/294,106 **14 Nov/nov 2002 (14.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CYCLOOXYGENASE-2 INHIBITORY WITHANOLIDE COMPOSITIONS AND METHOD**

• **COMPOSITIONS DE WITHANOLIDES INHIBANT LA CYCLOOXYGENASE-2 ET METHODE ASSOCIEE**

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(72) **NAIR, Muraleedharan, G.;** 3934 E. Sunwind Drive, Okemos, MI 48864 (US). **JAYAPRAKASAM, Bolleddula;** 1108 University Village, East Lansing, MI 48823 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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(51)⁷ **A61K 38/00, 31/70, 31/55, 31/54, 31/495, 31/505, 39/395, 39/00**

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(21) PCT/US2002/036675

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • **IRRIGATION SOLUTION AND METHOD FOR INHIBITION OF TUMOR CELL ADHESION, PAIN AND INFLAMMATION**

• **SOLUTION D'IRRIGATION ET METHODE D'INHIBITION DE L'ADHESION DE CELLULES TUMORALES, DE DOULEURS ET D'INFLAMMATIONS**

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(74) **SHELTON, Dennis, K.;** Christensen O'Connor Johnson Kindness PLLC, 1420 Fifth Avenue, Suite 2800, Seattle, WA 98101 (US).

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

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

(51)⁷ **A61K 38/00**

(11) **WO 2004/043480** (13) A2

(21) PCT/US2003/028315

(22) **10 Sep/sep 2003 (10.09.2003)**

(25) en (26) en

(30) 10/289,772 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TREATMENT OF OCULAR DISEASE**

• **TRAITEMENT D'UNE MALADIE OCULAIRE**

(71, 72) **PEYMAN, Gholam, A.** [US/US]; 8654 Pontchartrain Blv., Unit #1, New Orleans, LA 70124 (US).

(74) **JOSEPHIC, David, J. et al. / etc.;** Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

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

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

(51)⁷ **A61K 38/05, 38/55, 38/57, 7/48, A61P 7/02, 17/14**

(11) **WO 2004/043481** (13) A2

(21) PCT/US2003/035557

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,203 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **COMPOSITIONS CONTAINING PEP-TIDE COPPER COMPLEXES AND**

METALLOPROTEINASE INHIBITORS,
AND METHODS RELATED THERETO

- COMPOSITIONS CONTENANT DES COMPLEXES DE CUIVRE-PEPTIDE ET DES INHIBITEURS DE METALLOPROTEINASE, ET METHODES S'Y RAPPORTANT

(71) **PROCYTE CORPORATION** [US/US]; 8511 - 154th Avenue Northeast, Redmond, WA 98052-3557 (US).

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

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

(51)⁷ **A61K 38/06, 38/07, 38/08, 7/40, 7/48, A61P 17/00**

(11) **WO 2004/043482** (13) A1

(21) PCT/FR2003/003280

(22) **4 Nov/nov 2003 (04.11.2003)**

(25) fr (26) fr

(30) 02/14012 **8 Nov/nov 2002 (08.11.2002)** FR

(30) 03/09889 **13 Aug/août 2003 (13.08.2003)** FR

(43) 27 May/mai 2004 (27.05.2004)

(54) • COSMETIC OR PHARMACEUTICAL COMPOSITION COMPRISING PEPTIDES WITH THE SEQUENCE ARG-GLY-SER

- COMPOSITION COSMETIQUE OU PHARMACEUTIQUE COMPRENANT DES PEPTIDES, POSSEDANT LE MOTIF ARG-GLY-SER

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(74) **DAL FARRA, Claude**; Société d'Extraction des Principes Actifs (VINCEN, CE), 655, route du pin Montard - BP 212-, Les Bouillides, F-06410 Biot (FR).

(81) AU BR CA CN CO DZ ID IL IN IS JP KR MA MX NO NZ PL RO SG UA US UZ 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).

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(51)⁷ **A61K 38/19, 38/20, 49/00, A61P 25/00**

(11) **WO 2004/043483** (13) A1

(21) PCT/AU2003/001498

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 2002952658 **13 Nov/nov 2002 (13.11.2002)** AU

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD FOR TREATING SPINAL CORD INJURY

- PROCEDE POUR TRAITER UNE LESION DE LA MOELLE EPINIERE

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

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

(51)⁷ **A61K 38/27**

(11) **WO 2004/043484** (13) A1

(21) PCT/DK2003/000780

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 60/426,024 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • HUMAN GROWTH HORMONE TREATMENT METHODS

- METHODES DE TRAITEMENT A BASE DE L'HORMONE DE CROISSANCE HUMAINE

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK).

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(72, 75) **BRIGHT, George, M.** [US/US]; 42 Second, Hopewell, NJ 08525 (US). **AN, Bob** [CN/US]; 35 Francis Drive, Bridgewater, NJ 08807 (US).

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

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

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(51)⁷ **A61K 38/43, 31/385, C12N 15/52, 9/02, A61P 39/06**

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(21) PCT/RU2003/000473

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) ru (26) ru

(30) 2002129774 **10 Nov/nov 2002 (10.11.2002)** RU

(30) 2003123534 **29 Jul/juil 2003 (29.07.2003)** RU

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTIOXIDANT PHARMACEUTICAL COMPOUND, METHOD FOR PRODUCING POLYPEPTIDE AND METHOD OF CURE

- COMPOSITION PRESENTANT DES PROPRIETES ANTIOXYDANTES, PROCEDE DE PRODUCTION D'UN POLYPEPTIDE ET METHODE DE TRAITEMENT

(71) **INSTITUTE OF CELL BIOPHYSICS RUSSIAN ACADEMY OF SCIENCES** [RU/RU]; ul. Institutskaya, 3, Puschino, Moskovskaya obl., 142290 (RU).

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(81) CA JP US.

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

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(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0203349-6 12 Nov/nov 2002 SE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN ACQUEOUS PHARMACEUTICAL FORMULATION COMPRISING THE THROMBIN INHIBITOR MELAGTRAN AND USE OF THE FORMULATION IN THE MANUFACTURE OF A MEDICAMENT FOR USE BY NASAL ADMINISTRATION IN TREATING THROMBOEMBOLISM

• FORMULATION PHARMACEUTIQUE AQUEUSE CONTENANT L'INHIBITEUR DE LA THROMBINE MELAGTRAN ET UTILISATION DE CETTE FORMULATION POUR LA PREPARATION D'UN MEDICAMENT A ADMINISTRATION NASALE DESTINE AU TRAITEMENT DE LA MALADIE THROMBO-EMBOLIQUE

(71) ASTRAZENECAB AB [SE/SE]; S-151 85 Södertälje (SE).

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(72, 75) EDMAN, Peter [SE/SE]; AstraZeneca R & D Mölndal, S-431 83 Mölndal (SE). WINGSTRAND, Karin [SE/SE]; AstraZeneca R & D Mölndal, S-431 83 Mölndal (SE).

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

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

(51)⁷ A61K 39/00, 49/16, A61P 35/00, A61K 39/395

(11) WO 2004/043487 (13) A1

(21) PCT/EP2003/012699

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) MI2002A 002411 14 Nov/nov 2002 IT (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AGENTS FOR THE DIAGNOSIS AND TREATMENT OF TUMOURS THAT EXPOSE ALTERED PROTEINS ON THE CELL SURFACE

• AGENTS DE DIAGNOSTIC ET DE TRAITEMENT DE TUMEURS DONT LA SURFACE CELLULAIRE PRESENTE DES PROTEINES MODIFIEES

(71) BRACCO IMAGING S.P.A. [IT/IT]; Via E. Folli, 50, I-20134 Milano (IT).

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(72, 75) DE HÄEN, Christoph [CH/IT]; Via E. Folli, 50, I-20134 Milano (IT).

(74) MINOJA, Fabrizio et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 39/015, C12N 15/30, A61P 33/06

(11) WO 2004/043488 (13) A1

(21) PCT/DK2003/000759

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) PA 2002 01741 12 Nov/nov 2002 DK (12.11.2002)

(30) PA 2003 01307 11 Sep/sep 2003 DK (11.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MALARIA VACCINE

• VACCIN CONTRE LA MALARIA

(71) STATENS SERUM INSTITUT [DK/DK]; Artillerivej 5, DK-2300 København S (DK).

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(74) STATENS SERUM INSTITUT; Corporate Affairs, Artillerivej 5, DK-2300 Copenhagen S (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 PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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

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(22) 14 Nov/nov 2003 (14.11.2003)

(25) es (26) es

(30) 257-2002 14 Nov/nov 2002 CU (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF OBTAINING CONJUGATE VACCINES AND VACCINE COMPOSITIONS CONTAINING SAME

• PROCEDE D'OBTENTION DE VACCINS CONJUGUES ET DE COMPOSITIONS VACCINALES QUI LES CONTIENNENT.

(71) INSTITUTO FINLAY. CENTRO DE INVESTIGACION-PRODUCCION DE VACUNAS Y SUEROS. [CU/CU]; Ave. 27 No.19805 e/ 198 y 202, La Coronela, La Lisa, Ciudad de la Habana, Cuba., 11600 Ciudad de la Habana (CU).

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(74) ACOSTA MARTINEZ, ADA; ave Ira esq. 10, No.1001, Miramar, Playa, Ciudad de la Habana, Cuba, 11300 Ciudad de la Habana (CU).

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

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

(51)⁷ A61K 39/285

(11) WO 2004/043490 (13) A1

(21) PCT/US2003/035499

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,148 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SMALLPOX VACCINE REGIMEN

• SCHEMA POSOLOGIQUE POUR VACCIN ANTIVARIOLIQUE

(71) NATIONAL INSTITUTES OF HEALTH [US/US]; 6011 Executive Boulevard, Suite 325, Rockville, MD 20852-3804 (US). AVENTIS PASTEUR, INC. [CA/CA]; Connaught Campus, 1755 Steeles Avenue West, Toronto, Ontario M2R 3T4 (CA).
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(74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

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

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

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(51)⁷ A61K 45/00, 31/426, 31/499, 31/517, A61P 19/00, 25/00, 43/00

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(21) PCT/JP2003/014454

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330425 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REMEDIES FOR VERTEBRAL CANAL STENOSIS

• REMÈDES CONTRE LA STENOSE DU CANAL RACHIDIEN

(71) ONO PHARMACEUTICAL CO., LTD. [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).
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(72, 75) TAKENOBU, Yoshifumi [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). KAMANAKA,

Yoshihisa [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). OBATA, Takaaki [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP). ITOU, Hidenori [JP/JP]; c/o Ono Pharmaceutical Co., Ltd., 1-1, Sakurai 3-chome, Shimamoto-cho, Mishima-gun, Osaka 618-8585 (JP).

(74) OHIE, Kunihisa; Ohie Patent Office, Horiguchi No.2 Bldg. 7F, 2-6, Nihonbashi-Ningyocho, 2-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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 47/48

(11) WO 2004/043492 (13) A1

(21) PCT/EP2003/012514

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 02025315.9 13 Nov/nov 2002 EP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR THE SELECTIVE AND QUANTITATIVE FUNCTIONALIZATION OF IMMUNOGLOBULIN FAB FRAGMENTS, CONJUGATE COMPOUNDS OBTAINED WITH THE SAME AND COMPOSITIONS THEREOF

• PROCÉDE DE FONCTIONNALISATION SELECTIVE ET QUANTITATIVE DE FRAGMENTS FAB D'IMMUNOGLOBULINE, COMPOSES CONJUGUES OBTENUS AU MOYEN DE CE PROCÉDE ET LEURS COMPOSITIONS

(71) BRACCO IMAGING S.P.A. [IT/IT]; Via Egidio Folli, 50, I-20134 Milano (IT).
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(72, 75) DE HAEN, Christoph [IT/IT]; Bracco Imaging S.p.A., Via Egidio Folli, 50, I-20134 Milano (IT). MAISANO, Federico [IT/IT]; Bracco Imaging S.p.A., Via Egidio Folli, 50, I-20134 Milano (IT).

(74) MACCHETTA, Francesco; Bracco Imaging S.p.A., Intellectual Property Department, Via Egidio Folli, 50, I-20134 Milano (IT).

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

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

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

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Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

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(51)⁷ A61K 47/48

(11) WO 2004/043493 (13) A1

(21) PCT/NL2003/000804

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) PCT/NL02/00732 14 Nov/nov 2002 NL
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRODRUGS BUILT AS MULTIPLE SELF-ELIMINATION-RELEASE SPACERS

• PROMEDICAMENTS CONÇUS EN TANT QU'ESPACEURS DE LIBÉRATION MULTIPLE A ÉLIMINATION AUTOMATIQUE

(71) SYNTARGA B.V. [NL/NL]; Simon Stevinstraat 33, NL-6534 LL Nijmegen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DE GROOT, Franciscus, Marinus, Hendrikus [NL/NL]; Simon Stevinstraat 33, NL-6534 LL Nijmegen (NL). BEUSKER, Patrick, Henry [NL/NL]; Boecksteat-edreef 81, NL-6543 JJ Nijmegen (NL). SCHEEREN, Johannes, Wilhelm [NL/NL]; Vinkelaan 26, NL-6581 CL Malden (NL).

(74) VAN WESTENBRUGGE, Andries; Nederlandsch Octrooibureau, Scheveningsweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

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

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

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

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(51)⁷ A61K 48/00, A61P 9/06

(11) WO 2004/043494 (13) A1

(21) PCT/GB2003/004934

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226463.8 13 Nov/nov 2002 GB
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NITRIC OXIDE SYNTHASE GENE
TRANSFER TO THE ATRIUM FOR
VAGAL TONE INCREASE

• TRANSFERT GENIQUE DE LA SYN-
THASE D'OXYDE NITRIQUE VERS
L'ATRIUM POUR UNE AUGMENTA-
TION DE LA TONICITE VAGALE

(71) ISIS INNOVATION LIMITED [GB/GB];
Ewert House, Ewert Place, Summertown, Ox-
ford OX2 7SG (GB).

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les États désignés sauf US)*

(72, 75) PATERSON, David, James [GB/GB];
University Offices, Wellington Square, Ox-
ford OX1 2JD (GB).

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

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

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(51)⁷ A61K 48/00, 45/00, A61P 43/00 // C12N
15/09

(11) WO 2004/043495 (13) A1

(21) PCT/JP2003/014376

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,291 12 Nov/nov 2002 US
(12.11.2002)

(30) 60/467,277 2 May/mai 2003 US
(02.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DELIVERY AGENT, METHOD OF DE-
LIVERING A TARGET SUBSTANCE
TO CELLS, METHOD FOR PRODUC-
ING DELIVERY AGENT, COMPOS-
ITION FOR PRODUCING DELIVERY
AGENT, AND KIT FOR PRODUCING
DELIVERY AGENT

• AGENT D'ADMINISTRATION, PRO-
CEDE D'ADMINISTRATION D'UNE
SUBSTANCE CIBLE DANS DES CEL-
LULES, PROCEDES D'OBTENTION
D'UN AGENT D'ADMINISTRATION,
COMPOSITION D'OBTENTION D'UN
AGENT D'ADMINISTRATION ET KIT
D'OBTENTION D'UN AGENT D'AD-
MINISTRATION

(71) THE CIRCLE FOR THE PROMOTION
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(72, 75) AKAIKE, Toshihiro [JP/JP]; 15-23,
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202-0004 (JP). CHOWDHURY, Md.
Ezharul Hoque [BD/JP]; c/o Tokyo Institute
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dori-ku, Yokohama-shi, Kanagawa 226-8502
(JP). MARUYAMA, Atsushi [JP/JP];
2-5-505, Sagamiono 4-chome, Sagami-
hara-shi, Kanagawa 228-0803 (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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

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

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(51)⁷ A61K 51/00, C07D 215/56, C07B 59/00

(11) WO 2004/043496 (13) A1

(21) PCT/AT2003/000337

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) A 1693/EC 11 Nov/nov 2002 AT
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLUORQUINOLINES LABELLED
WITH FLUORINE-18

• FLUORQUINOLONES MARQUEES
AU FLUOR 18

(71) AUSTRIA WIRTSCHAFTSSERVICE
GESELLSCHAFT M.B.H. [AT/AT]; Un-
gargasse 37, A-1030 Wien (AT).

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les États désignés sauf US)*

(72, 75) LANGER, Oliver [AT/AT]; Wehlis-
trasse 51/2/43, A-1200 Wien (AT).

(74) SCHWARZ, Albin et al. / etc.; Wipplinger-
strasse 32/22, A-1010 Wien (AT).

(81) AE AG AL AM AU AZ BA BB BG BR BW
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 51/04

(11) WO 2004/043497 (13) A1

(21) PCT/US2002/033616

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • STABILIZATION OF RADIOPHARM-
CEUTICALS LABELED WITH 18-F

• STABILISATION DE RADIOPHARMA-
CEUTIQUES MARQUES PAR L'ISO-
TOPE 18-F

(71) EASTERN ISOTOPES, INC. [US/US];
100 Executive Drive, Suite 3, Stirling, VA
20166 (US).

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les États désignés sauf US)*

(71, 72) KISELEV, Maxim Y. [RU/US]; 13
Crescent Court, Sterling, VA 20164 (US).
TADINO, Vincent [BE/US]; 3621 38th
Street, Apt. 201, Washington, DC 20016
(US).

(74) DOUMA, Mark; 1001 Manning Street,
Great Falls, VA 22066 (US).

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

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

(51)⁷ A61K 51/12, 49/00

(11) WO 2004/043498 (13) A1

(21) PCT/EP2003/012515

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 52 390.8 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR MEASURING PANCRE-
ATIC METABOLISM

• PROCEDE DE MESURE DU METABO-
LISME DU PANCREAS

(71) INFAI INSTITUT FÜR BIOMEDIZINIS-
CHE ANALYTIK UND NMR IMAGING
GMBH [DE/DE]; Universitätsstrasse 142,
44799 Bochum (DE).

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les États désignés sauf US)*

(72, 75) **AYGEN, Sitke** [DE/DE]; c/o INFAI Institut für biomedizinische Analytik und NMR Imaging GmbH, Gottfried-Hagen-Str. 60-62, 51105 Köln (DE).

(74) **SCHREIBER, Christoph** et al. / etc.; Postfach 10 22 41, 50462 Köln (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61L

(11) **WO 2004/043499** (13) A2

(21) PCT/US2003/034476

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

(25) en (26) en

(30) 10/292,747 **12 Nov/nov 2002** US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR STEAM REPROCESSING FLEXIBLE ENDOSCOPES

• APPAREIL ET PROCEDE DE REMISE EN TRAITEMENT PAR LA VAPEUR D'ENDOSCOPES SOUPLES

(71) **MINNTECH CORPORATION** [US/US]; 14605 28th Avenue North, Minneapolis, MN 55447 (US).

(72) **MALKIN, Roy, K.**; 16652 Jackpine Trail, Lakeville, Minnesota 55044 (US). **KIPPENHAN, Roland, C., Jr.**; 1410 Belmont Drive, Woodbury, MN 55125 (US). **PETERSEN, Michael, P.**; 7843 Dover Cove, Eden Prairie, MN 55347 (US). **FENTON, Thomas, L.**; 1637 Virginia Avenue south, St. Louis Park, MN 55426 (US).

(74) **MINNTECH CORPORATION**; 14605 28th Avenue North, Minneapolis, MN 55447 (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 A61L

(11) **WO 2004/043500** (13) A2

(21) PCT/US2003/035826

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

(25) en (26) en

(30) 10/290,657 **8 Nov/nov 2002** US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS FOR PROMOTING WOUND HEALING AND USES THEREOF

• PROCEDES POUR FAVORISER LA CICATRISATION ET LEURS APPLICATIONS

(71) **ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY** [US/US]; 1300 Morris Park Avenue, New York, NY 10461 (US).

(72) **WEINSTEIN, David, E.**; 40 Livingston Avenue, Dobbs Ferry, NY 10522 (US).

(74) **RESTAINO, Leslie, Gladstone**; Brown Raysman Millstein Felder & Steiner LLP, 163 Madison Avenue, P.O. Box 1989, Morristown, NJ 07962-1989 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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 A61L 9/12, 9/04, 9/03, 9/02, A01M 1/20, B60H 3/00

(11) **WO 2004/043501** (13) A1

(21) PCT/GB2003/004793

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

(25) en (26) en

(30) 0226203.8 **9 Nov/nov 2002** GB (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVEMENTS IN OR RELATING TO ARTICLES

• AMELIORATIONS APPORTEES A DES ARTICLES

(71) **RECKITT BENCKISER (UK) LIMITED** [GB/GB]; 103-105 Bath Road, Slough, Berkshire SL1 3UH (GB).

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

(72, 75) **MCKECHNIE, Malcolm, Tom** [GB/GB]; Reckitt Benckiser Corporate Services Limited, Dansom Lane, Hull HU8 7DS (GB).

(74) **DICKSON, Elisabeth, Anne** et al. / etc.; Reckitt Benckiser plc, Group Patents Department, Dansom Lane, Hull HU8 7DS (GB).

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

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

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

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(51)⁷ A61L 9/12, 9/14

(11) **WO 2004/043502** (13) A1

(21) PCT/US2003/036090

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) 60/425,061 **8 Nov/nov 2002** US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISPENSING OF MULTIPLE VOLATILE SUBSTANCES

• DISTRIBUTION DE SUBSTANCES VOLATILES MULTIPLES

(71) **S.C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, MS077, Racine, WI 53403 (US).

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(72, 75) **SCHRAMM, Heather, R.** [—/—]; W5405 Greening Road, Whitewater, WI 53190 (US). **WALTER, Scott, D.** [US/US]; 118 Walnut Road, Twin Lakes, WI 53181 (US). **JAWORSKI, Thomas** [US/US]; 825 Appaloosa Trail, Racine, WI 53402 (US). **HELFE, Thomas, A.** [US/US]; 12780 West Weatherstone Court, New Berlin, WI 53151 (US). **PORCHIA, Jose** [US/US]; 11787 Armour Court, Greenfield, WI 53228 (US). **MARTENS, Edward, J., III** [US/US]; 6221 Berkshire Lane, Racine, WI 53406 (US). **TOMKINS, David, A.** [US/US]; 77 Eldorado Drive, Racine, WI 53402 (US).

(74) **MILLER, Robert, A.** et al. / etc.; S.C. Johnson & Son, Inc., Patent Section, M.S. 077, 1525 Howe Street, Racine, WI 53403-2236 (US).

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

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

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(11) **WO 2004/043503** (13) A1

(21) PCT/JP2003/014348

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) ja (26) ja

(30) 2002-330677 **14 Nov/nov 2002** JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THROMBIN-CARRYING BIOABSORBABLE SYNTHETIC NONWOVEN FABRIC

• NONTISSE SYNTHETIQUE BIOABSORBABLE DE SUPPORT DE THROMBINE

(71) JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE [JP/JP]; 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP).

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

(72, 75) UCHIDA, Takanori [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). SHINYA, Noriko [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, KIKUCHI RESEARCH CENTER, 1314-1, Yonnonishio, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). KAETSU, Hiroshi [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, 6-1, Okubo 1-chome, Kumamoto-shi, Kumamoto 860-8568 (JP). IMAMURA, Takayuki [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, KIKUCHI RESEARCH CENTER, 1314-1, Yonnonishio, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (JP). NOZAKI, Chikateru [JP/JP]; c/o JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE, KIKUCHI RESEARCH CENTER, 1314-1, Yonnonishio, Kawabe, Kyokushimura, Kikuchi-gun, Kumamoto 869-1298 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/58, A61K 9/70, 47/32

(11) WO 2004/043504 (13) A1

(21) PCT/EP2003/012117

(22) 31 Oct/oct 2003 (31.10.2003)

(25) de (26) de

(30) 102 52 725.3 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOISTURE-ACTIVATED ADHESIVES FOR MEDICAL APPLICATIONS

• ADHESIFS ACTIVABLES PAR HUMIDITE POUR USAGES MEDICAUX

(71) LTS LOHMANN THERAPIE-SYSTEME AG [DE/DE]; Lohmanstrasse 2, 56626 Andernach (DE).

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

(72, 75) RIEMENSCHNITTER, Marc [DE/DE]; Willy-Brandt-Allee 8, 79111 Freiburg i. Br. (DE).

(74) FLACCUS, Rolf-Dieter; Bussardweg 10, 50389 Wesseling (DE).

(81) AU BR CA CN IL IN JP KR MX NZ PH PL RU US ZA.

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

Published / Publiée : (c)

Declarations / Déclarations :

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

(u) for / pour US only / seulement

(51)⁷ A61L 15/60, A61F 13/47

(11) WO 2004/043505 (13) A1

(21) PCT/US2003/028242

(22) 8 Sep/sep 2003 (08.09.2003)

(25) en (26) en

(30) 10/291,237 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FREEZE DRIED SUPERABSORBENT MATERIALS

• MATERIAUX SUPERABSORBANTS LYOPHILISES

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) QIN, Jian; 3316 S. Scarlet Oak Lane, Appleton, WI 54915 (US). DODGE, II, Richard, Norris; 2717 N. McDonald Street, Appleton, WI 54911 (US). RANGANATHAN, Sridhar; 8441 Sundial Court, Suwanee, GA 30024 (US). UTTECHT, Cathleen, M.; 1605 Eugene Street, Menasha, WI 54952 (US). ZHANG, Xiaomin; 3413 North Morrison, Appleton, WI 54911 (US).

(74) SWANSON, Mark, D.; Pauley Petersen Kinne & Erickson, 2800 West Higgins Road, Suite 365, Hoffman Estates, IL 60195 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61L 27/00, 27/28, 27/54, B05D 1/02

(11) WO 2004/043506 (13) A1

(21) PCT/US2003/033645

(22) 23 Oct/oct 2003 (23.10.2003)

(25) en (26) en

(30) 60/426,125 14 Nov/nov 2002 US (14.11.2002)

(30) 10/662,757 15 Sep/sep 2003 US (15.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTRALUMINAL PROSTHESES AND CARBON DIOXIDE-ASSISTED METHODS OF IMPREGNATING SAME WITH PHARMACOLOGICAL AGENTS

• PROTHESES INTRALUMINALES ET LEURS PROCÉDES D'IMPREGNATION AVEC DES AGENTS PHARMACOLOGIQUES FAISANT INTERVENIR DU DIOXYDE DE CARBONE

(71) SYNECOR, LLC. [US/US]; 3908 Patriot Drive, Suite 170, Durham, NC 27703 (US).

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

(72, 75) WILLIAMS, Michael, S. [US/US]; 6909 Erland Road, Santa Rosa, CA 95404 (US). DESIMONE, Joseph, M. [US/US]; 7315 Crescent Ridge Drive, Chapel 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(51)⁷ A61L 27/44

(11) WO 2004/043507 (13) A1

(21) PCT/US2003/035324

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,559 7 Nov/nov 2002 US (07.11.2002)

(30) 60/427,270 18 Nov/nov 2002 US (18.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BIOCOMPATIBLE MEDICAL DEVICE COATINGS

• REVETEMENTS DE DISPOSITIFS MEDICAUX BIOCOMPATIBLES

(71) CARBON MEDICAL TECHNOLOGIES, INC. [US/US]; 1290 Hammond Road, St. Paul, MN 55110-5876 (US).

(72) KLEIN, Dean, A.; 27 Raven Road, North Oaks, MN 55127 (US). BRAZIL, James, D.; 1174 413th Avenue N.W., Braham, MN 55006 (US).

(74) CRIMMINS, John, L. et al. / etc.; Faegre & Benson LLP, 2200 Wells Fargo Center, 90 South Seventh Street, Minneapolis, MN 55402-3901 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 27/50, 27/06, A61F 2/00

(11) WO 2004/043508 (13) A1

(21) PCT/US2003/035479

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,086 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEDICAL DEVICES UTILIZING MODIFIED SHAPE MEMORY ALLOY

• DISPOSITIFS MEDICAUX UTILISANT UN ALLIAGE A MEMOIRE DE FORME MODIFIE

(71) NMT MEDICAL, INC. [US/US]; 27 Wormwood Street, Boston, MA 02210 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHANDUSZKO, Andrzej, J. [US/US]; 65 Greentree Lane, Apt. 48, Weymouth, MA 02190 (US).

(74) DIENER, Michael et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 31/16, A61F 2/06, A61L 29/16, 31/10

(11) WO 2004/043509 (13) A1

(21) PCT/US2003/035945

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/424,896 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXPANDABLE MEDICAL DEVICE AND METHOD FOR TREATING CHRONIC TOTAL OCCLUSIONS WITH LOCAL DELIVERY OF AN ANGIOGENIC FACTOR

• DISPOSITIF MEDICAL EXTENSIBLE ET PROCEDE DE TRAITEMENT D'OCCLUSIONS TOTALES CHRONIQUES PAR ADMINISTRATION LOCALE D'UN FACTEUR ANGIOGENIQUE

(63) US 60424896 (CON) 8 Nov/nov 2002 (08.11.2002)

(71) CONOR MEDSYSTEMS, INC. [US/US]; 1360 Willow Road, 2nd Floor, Menlo Park, CA 94025 (US).

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

(72, 75) LITVACK, Frank [US/US]; 1211 Stradella Road, Los Angeles, CA 90077 (US). SHANLEY, John, F. [US/US]; 401 Camberly Way, Redwood City, CA 94061 (US). PARKER, Theodore, L. [US/US]; 634 Dunhill Drive, Danville, CA 94506 (US).

(74) LYNCH, Cindy, A.; Conor Medsystems, Inc., 1003 Hamilton Court, Menlo Park, CA 94025 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61L 31/16, A61F 2/06, A61L 29/16, 31/10

(11) WO 2004/043510 (13) A1

(21) PCT/US2003/035948

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,096 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR REDUCING TISSUE DAMAGE AFTER ISCHEMIC INJURY

• PROCEDE ET DISPOSITIF PERMETTANT DE REDUIRE LES LESIONS TISSULAIRES APRES UNE ATTEINTE ISCHEMIQUE

(63) US 60/425,096 (CON) 8 Nov/nov 2002 (08.11.2002)

(71) CONOR MEDSYSTEMS, INC. [US/US]; 1003, Hamilton Court, Menlo Park, CA 94025 (US). SHANLEY, John, F. [US/US]; 401 Camberly Way, Redwood City, CA 94061 (US).

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

(72, 75) LITVACK, Frank [US/US]; 1211 Stradella Road, Los Angeles, CA 90077 (US). PARKER, Theodore, L. [US/US]; 634 Dunhill Drive, Danville, CA 94506 (US).

(74) LYNCH, Cindy, A.; Conor Medsystems, Inc., 1003 Hamilton Court, Menlo Park, CA 94025 (US).

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

(51)⁷ A61L 31/16, A61F 2/06, A61L 29/16, 31/10

(11) WO 2004/043511 (13) A1

(21) PCT/US2003/035953

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,096 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR TREATING VULNERABLE ARTERIOSCLEROTIC PLAQUE

• PROCEDE ET APPAREIL PERMETTANT DE TRAITER UNE PLAQUE ARTERIOSCLEREUSE VULNERABLE

(63) US 60/425,096 (CON) 8 Nov/nov 2002 (08.11.2002)

(71) CONOR MEDSYSTEMS, INC. [US/US]; 1360 Willow Road, 2nd Floor, Menlo Park, CA 94025 (US).

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

(72, 75) LITVACK, Frank [US/US]; 1211 Stradella Road, Los Angeles, CA 90077 (US). PARKER, Theodore, L. [US/US]; 634 Dunhill Drive, Danville, CA 94506 (US).

(74) PETERSON, James, W. et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ A61M

(11) WO 2004/043512 (13) A2

(21) PCT/BR2003/000163

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) PI 0205678-0 12 Nov/nov 2002 BR
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • IMPROVEMENT IN DISCHARGE-
ABLE SYRINGE WITH MEANS
AGAINST ITS REUSE

- AMELIORATION APORTEE A UNE
SERINGUE JETABLE COMPORTANT
UN MOYEN EMPECHANT SA REUTI-
LISATION

(71, 72) KRUPP, Geraldo [BR/BR]; Rua
Leopoldo Rosenfeld, n°458, Bairro Planalto,
95670-000 Gramado (RS) (BR).

(74) CUSTÓDIO DE ALMEIDA & CIA;
Avenida Borges de Medeiros, 464, 3° andar,
CEP-90020-022 Porto Alegre (RS) (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 PL PT RO RU
SD SE SG SK SL TJ TM TR TT TZ UA UG
US UZ VN YU ZA ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 A61M

(11) WO 2004/043513 (13) A2

(21) PCT/US2003/029401

(22) 17 Sep/sep 2003 (17.09.2003)

(25) en (26) en

(30) 10/255,289 26 Sep/sep 2002 US
(26.09.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SURFACE DISSOLUTION AND/OR
BULK EROSION CONTROLLED RE-
LEASE COMPOSITIONS AND DE-
VICES

- COMPOSITIONS ET DISPOSITIFS
A LIBERATION CONTROLEE PAR

DISSOLUTION DE SURFACE ET/OU
EROSION EN BLOC

(71) SALVONA LLC [US/US]; 65 Stults Road,
Dayton, NJ 08810 (US).

(72) SHEFER, Adi; 14 Jason Drive, East
Brunswick, NJ 08816 (US). SHEFER,
Samuel; 14 Jason Drive, East Brunswick, NJ
08816 (US).

(74) DUNN McKAY, Diane; Mathews, Collins,
Shepherd & McKay, P.A., 100 Thanet Circle,
Suite 306, Princeton, NJ 08540 (US).

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

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

(51)⁷ A61M

(11) WO 2004/043514 (13) A2

(21) PCT/US2003/033511

(22) 23 Oct/oct 2003 (23.10.2003)

(25) en (26) en

(30) 60/424,278 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PRE-FILLED RETRACTABLE NEEDLE
INJECTION DEVICE

- DISPOSITIF D'INJECTION PRE-REM-
PLI A AIGUILLE RETRACTABLE

(71) MDC INVESTMENT HOLDINGS, INC.
[US/US]; Delaware Trust Building, 900 Mar-
ket Street, Suite 200, Wilmington, DE 19801
(US).

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

(72, 75) MCWETHY, Robert, T. [US/US]; 1543
Daffodil Avenue, Ventura, CA 93004 (US).

(74) ELAND, Stephen, H.; Dann, Dorfman, Her-
rell and Skillman, 1601 Market Street, Suite
720, Philadelphia, PA 19103-2307 (US).

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

(11) WO 2004/043515 (13) A2

(21) PCT/US2003/034304

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/290,819 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CUTANEOUS INJECTION DELIVERY
UNDER SUCTION

- DISTRIBUTION D'INJECTION CUTA-
NEE SOUS ASPIRATION

(71) KOCHAMBA FAMILY TRUST [US/US];
11442 Dona Cecilia Drive, Studio City, CA
91604 (US).

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

(71, 72) KOCHAMBA, Gary, Steven [US/US];
11442 Dona Cecilia Drive, Studio City, CA
91604 (US).

(74) GREENBERG TRAUIG, LLP et al. /
etc.; 2450 Colorado Avenue, Suite 400 E,
Santa Monica, CA 90404 (US).

(81) AE AG 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 A61M

(11) WO 2004/043516 (13) A2

(21) PCT/US2003/035275

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,142 8 Nov/nov 2002 US
(08.11.2002)

(30) 10/702,844 6 Nov/nov 2003 US
(06.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DEVICE AND METHOD FOR ELEC-
TRICAL ISOLATION OF THE PUL-
MONARY VEINS

- DISPOSITIF ET TECHNIQUE D'ISO-
LATION ELECTRIQUE DES VEINES
PULMONAIRES

(71, 72) MARGOLIS, James, Robineau
[US/US]; 20 Tahiti Beach Inland Road,
Coral Gables, FL 33143 (US).

(74) WRIGLEY, Barbara, A.; Oppenheimer
Wolff & Donnelly LLP, 45 South Sev-
enth Street, Suite 3300, Minneapolis, MN
55402-1609 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 A61M
- (11) WO 2004/043517 (13) A2
- (21) PCT/US2003/035548
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 2002-324244 7 Nov/nov 2002 JP
(07.11.2002)
- (30) 10/702,906 5 Nov/nov 2003 US
(05.11.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ARTIFICIAL HEART-LUNG APPARA-
TUS
• APPAREIL DE COEUR-POUMON AR-
TIFICIEL
- (71) SHIGEMASA, Osaki [US/US]; 2221
Klosters Circle, Sandy, UT 84093-1040
(US). ISAO, Nemoto [JP/JP]; 6-11-24 Hi-
gashi-Narashino, Narashino-Shi, Chiba-Ken
275-0001 (JP).
- (72) YUSUKE, Abe; 3-9-13-505 Mejirodai,
Bunkyo-Ku, Tokyo 112-0015 (JP).
- (74) SLUSHER, Stephen, A.; Peacock, Myers &
Adams, P.C., P.O. Box 26927, Albuquerque,
NM 87125-6927 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM
ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
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- (51)⁷ A61M
- (11) WO 2004/043518 (13) A2
- (21) PCT/US2003/035875
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 60/424,537 7 Nov/nov 2002 US
(07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • EPICARDIAL HEARTWIRE,
CHEST TUBE WITH EPICARDIAL
HEARTWIRE, AND METHOD OF USE
• SONDE CARDIAQUE EPICARDIQUE,
DRAIN THORACIQUE AVEC SONDE
CARDIAQUE EPICARDIQUE ET PRO-
CEDE D'UTILISATION

- (71) AXIOM MEDICAL INC. [US/US]; 555
West Victoria Street, Rancho Dominguez,
CA 90220 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) YACOUBIAN, Vahe, S. [US/US]; 610
North Central Avenue, Suite 105, Glendale,
CA 91203 (US).
- (74) FINDER, James, A. et al. / etc.; Ostrolenk,
Faber, Gerb & Soffen, LLP, 1180 Avenue of
the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM
ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (51)⁷ A61M 1/10, 1/36, 1/12
- (11) WO 2004/043519 (13) A1
- (21) PCT/US2003/034869
- (22) 28 Oct/oct 2003 (28.10.2003)
- (25) en (26) en
- (30) 10/289,467 6 Nov/nov 2002 US
(06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • IMPLANTABLE HEART ASSIST SYS-
TEM AND METHOD OF APPLYING
SAME
• SYSTEME D'ASSISTANCE CAR-
DIAQUE IMPLANTABLE ET TECH-
NIQUE D'APPLICATION DE CE SYS-
TEME
- (71) ORQIS MEDICAL CORPORATION
[US/US]; 14 Orchard Road, Suite 100, Lake
Forest, CA 92630 (US).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) BOLLING, Steven, F. [US/US]; 3456
Daleview, Ann Arbor, Mi Michigan 48105
(US). VIOLE, Anthony [US/US]; 24 Ca-
marin Street, Foothill Ranch, CA 92610
(US). O'LEARY, Shawn [US/US]; 22745
Via Santa Rosa, Mission Viejo, CA 92691
(US).
- (74) DELANEY, Karoline, A.; Knobbe,
Martens, Olson & Bear, LLP, 14th Floor,
2040 Main Street, Irvine, CA 92614 (US).
- (81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE EG ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NI NO NZ
OM PG PH PL PT RO RU SC SD SE SG SK
(Utility model / modèle d'utilité) SK SL SY

- TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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-
- (51)⁷ A61M 1/36, 1/16
- (11) WO 2004/043520 (13) A1
- (21) PCT/US2003/032215
- (22) 14 Oct/oct 2003 (14.10.2003)
- (25) en (26) en
- (30) 10/288,758 6 Nov/nov 2002 US
(06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • "A DIALYSIS SYSTEM AND A
METHOD FOR AUTOMATICALLY
PRIMING A DIALYZER"
• SYSTEME DE DIALYSE ET METHODE
D'AMORÇAGE AUTOMATIQUE DE
DIALYSEUR
- (71) BAXTER INTERNATIONAL INC.
[US/US]; One Baxter Parkway, DF3-3E,
Deerfield, IL 60015 (US). BAXTER
HEALTHCARE S.A. [CH/CH]; Hertis-
trasse 2, Wallisellen, CH-8304 Zurich (CH).
- (72) KELLAM, Benjamin, A.; 1048 Charles
Street, Clearwater, FL 33755 (US). KEEL-
ING, Scott; 2708 Ochattilla Road, Holiday,
FL 34691 (US). PAN, Li; 10726 Tavistock
Drive, Tampa, FL 33626 (US).
- (74) REAGEN, Joseph, P. et al. / etc.; Baxter
Healthcare Corporation, One Baxter Parkway,
DF3-3E, Deerfield, IL 60015 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 A61M 5/00
- (11) WO 2004/043521 (13) A1
- (21) PCT/US2003/032577
- (22) 15 Oct/oct 2003 (15.10.2003)
- (25) en (26) en
- (30) 60/424,655 7 Nov/nov 2002 US
(07.11.2002)
- (30) 10/660,083 11 Sep/sep 2003 US
(11.09.2003)
- (43) 27 May/mai 2004 (27.05.2004)

(54) • SAFETY SHIELD FOR MEDICAL NEEDLES

• PROTECTION DE SECURITE POUR AIGUILLES MEDICALES

(71) **SPECIALIZED HEALTH PRODUCTS, INC.** [US/US]; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US).

(72) **FERGUSON, F., Mark**; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US). **THORNE, David, L.**; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US). **SOLOMON, Donald, D.**; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US). **SMITH, Daniel, K.**; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US). **SNOW, Jeremy, W.**; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US). **BAGLEY, Chance, B.**; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US). **THORNE, Craig, N.**; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US).

(74) **EVANS, Paul, S.**; 585 West 500 South, Suite 200, Bountiful, UT 84010-8321 (US).

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

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(51)⁷ A61M 5/142, A61N 1/362

(11) WO 2004/043522 (13) A1

(21) PCT/US2003/036364

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,907 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPLANTABLE DEVICE FOR DELIVERING CARDIAC DRUG THERAPY

• DISPOSITIF IMPLANTABLE DESTINE A L'ADMINISTRATION DE MEDICAMENTS CARDIAQUES THERAPEUTIQUES

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US).

(72) **GIROUARD, Steven, D.**; 8155 Boulder Ridge Road, Woodbury, MN 55125 (US). **ZHU, Qingsheng**; 3025 Valento Lane, Little Canada, MN 55117 (US).

(74) **VIKSININS, Ann, S.** et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

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

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(51)⁷ A61M 5/32

(11) WO 2004/043523 (13) A1

(21) PCT/IT2003/000435

(22) 10 Jul/juil 2003 (10.07.2003)

(25) en (26) en

(30) CB2002A000005 12 Nov/nov 2002 IT (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISPOSABLE SYRINGE WITH RETRACTILE NEEDLE

• SERINGUE JETABLE A AIGUILLE RETRACTILE

(71, 72) **ZEOLI, Filomena** [IT/IT]; Via Santa Cristina 48, I-86017 Sepino (IT).

(72, 75) **SOZIO, Mario** [IT/IT]; Via Armando Diaz 12, I-04100 Latina (IT).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 5/32, 5/50

(11) WO 2004/043524 (13) A1

(21) PCT/US2002/035531

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • PASSIVE SAFETY SHIELD SYSTEM FOR INJECTION DEVICES

• PROTECTION PASSIVE DE SURETE POUR DISPOSITIFS D'INJECTION

(71) **BECTON, DICKINSON AND COMPANY** [US/US]; One Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

(72) **BARRELLE, Laurent**; Les Soldanelles n 10, F-38250 Saint Nizier du Moucherotte (FR).

(74) **FORTUNATO, David, M.**; Becton, Dickinson and Company, 1 Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

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

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

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(51)⁷ A61M 5/32

(11) WO 2004/043525 (13) A1

(21) PCT/US2003/004337

(22) 12 Feb/fév 2003 (12.02.2003)

(25) en (26) en

(30) 10/292,663 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYRINGE
• SERINGUE

(63) US 10/292,663 (CIP)
12 Nov/nov 2002 (12.11.2002)

(71) **U.S. TECHNOLOGY, INC.** [US/US]; 1512 West Chester Pike No.-122, West Chester, PA 19382 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNEPSHIELD, William, R.** [US/US]; 28960 Belchester Road, Kennedyville, MD 21645 (US). **SOLATCH, Abrar** [US/US]; 809 Daisy Lane, West Chester, PA 19382 (US).

(74) **SMITH, George, A., Jr.** et al. / etc.; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

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

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

(51)⁷ A61M 5/42

(11) WO 2004/043526 (13) A1

(21) PCT/EP2002/012788

(22) 13 Nov/nov 2002 (13.11.2002)

(25) fr (26) fr

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE TRANSFORMING THE PAIN OF A SYRINGE NEEDLE INTO A TOLERABLE FEELING

• DISPOSITIF TRANSFORMANT LA DOULEUR DE LA PIQUE D'UNE

SERINGUE EN UNE SENSATION TOLÉRABLE

(71, 72) MARTI, Karim-Frédéric [CH/CH]; 20, rue de Ville, CH-2525 Le Landeron (CH).

(74) I C B Ingénieurs Conseils en Brevets SA; 7, rue des Sors, CH-2074 Marin (CH).

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

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

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(51)⁷ A61M 16/04, A61F 2/20

(11) WO 2004/043527 (13) A2

(21) PCT/IL2003/000939

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 60/425,294 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTRA-AIRWAY VENTILATION
• VENTILATION DANS LES VOIES AÉRIENNES

(71) ONEG HAKARMEL LTD. [IL/IL]; 11A, Sinai Avenue, 34331 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAVRIELY, Oren [IL/IL]; 116A Moriah Avenue, 34618 Haifa (IL).

(74) TSIVION, Yoram; P.O.Box 1307, 37111 Pardes Hanna (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

(11) WO 2004/043528 (13) A1

(21) PCT/NZ2003/000243

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 522577 12 Nov/nov 2002 NZ (12.11.2002)

(30) 528536 26 Sep/sep 2003 NZ (26.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BREATHING ASSISTANCE APPARATUS

• APPAREIL D'ASSISTANCE RESPIRATOIRE

(71) FISHER & PAYKEL HEALTHCARE LIMITED [NZ/NZ]; 15 Maurice Paykel Place, East Tamaki, 1706 Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIXEY, David, Fraser [NZ/NZ]; 51B Dignan Street, Pt Chevalier, 1002 Auckland (NZ). MAKINSON, Ian, Douglas [GB/NZ]; 19 Leone Terrace, Mt Albert, 1003 Auckland (NZ).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 25/00

(11) WO 2004/043529 (13) A2

(21) PCT/US2003/033008

(22) 16 Oct/oct 2003 (16.10.2003)

(25) en (26) en

(30) 10/291,625 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CATHETER WITH FULL-LENGTH CORE WIRE SHAFT FOR CORE WIRE INTERCHANGEABILITY

• CATHETER A TIGE A FILE D'AME PLEINE LONGUEUR POUR INTERCHANGEABILITE DE FIL D'AME

(71) MEDTRONIC VASCULAR, INC. [US/US]; IP Legal Dept., 3576 Unocal Place, Santa Rosa, CA 95403 (US).

(72) MURRAY, Robert; 5512 Marit Drive, Santa Rosa, CA 95409 (US).

(74) MARESH, Catherine; Medtronic Vascular 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 25/01, 25/00

(11) WO 2004/043530 (13) A1

(21) PCT/US2003/023902

(22) 31 Jul/juil 2003 (31.07.2003)

(25) en (26) en

(30) 10/288,173 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEDICAL DEVICE HAVING FLEXIBLE DISTAL TIP

• DISPOSITIF MEDICAL DOTE D'UN EMBOUT DISTAL SOUPLE

(71) SCIMED LIFE SYSTEMS, INC. [US/US]; One SciMed Place, Maple Grove, MI 55311 (US).

(72) ESKURI, Alan; 11650 Meadowbrook Avenue, Hanover, MN 55341 (US).

(74) WICKHEM, Scot, J. et al. / etc.; Crompton, Seager & Tufte LLC, 1221 Niccollet Avenue, Suite 800, Minneapolis, MN 55403-2420 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 25/10, A61B 17/00

(11) WO 2004/043531 (13) A2

(21) PCT/US2003/033775

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 10/290,002 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VACCUUM DEVICE AND METHOD FOR TREATING TISSUS ADJACENT A BODY CAVITY

• DISPOSITIF D'ASPIRATION ET TECHNIQUE DE TRAITEMENT DE TISSUS CONTIGUS A UNE CAVITE ANATOMIQUE

(71) SENORX, INC. [US/US]; 11 Columbia Avenue, Suite A, Aliso Viejo, CA 92656 (US).

(72) LUBOCK, Paul; 30 Bethany, Laguna Niguel, CA 92677 (US).

(74) LYNCH, Edward, J.; Duane Morris LLP, One Market, Spear Tower, Suite 2000, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 25/10, 25/00, 29/02, A61L 29/00, A61F 2/06

(11) WO 2004/043532 (13) A1

(21) PCT/US2003/034409

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 10/288,783 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REDUCED SLIPPAGE BALLOON CATHETER

• CATHETER A BALLONNET A GLISSEMENT LIMITE

(71) ADVANCED CARDIOVASCULAR SYSTEMS, INC. [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).

(72) RICE, Cheryl, D.; 8919 Allenbrook Way, San Diego, CA 92129 (US). CHANG, Rosabel; 1217 Sierra Village Way, San Jose, CA 95132 (US). DUCHAMP, Jacky, G.; 290 Rincon Avenue, Campbell, CA 95008 (US).

(74) HANKE, Gunther, O. et al. / etc.; Fulwider Patton Lee & Utecht, LLP, Howard Hughes Center, Tenth floor, 6060 Center Drive, Los Angeles, CA 90045 (US).

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

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

Published / Publiée : (c)

(51)⁷ A61M 35/00

(11) WO 2004/043533 (13) A2

(21) PCT/EP2003/012636

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 102 52 917.5 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRESSURE-INJECTION HAND-HELD DEVICE FOR INTRODUCING SUBSTANCES, WHICH ARE UNDER THE PRESSURE OF A GASEOUS OR LIQUID PRESSURE MEDIUM, INTO A SKIN LOCATION TO BE TREATED

• APPAREIL A MAIN D'INJECTION SOUS PRESSION DESTINE A INTRODUIRE DES SUBSTANCES DANS UNE ZONE DE PEAU A TRAITER SOUS LA PRESSION D'UN AGENT DE PRESSION GAZEUX OU LIQUIDE

(71, 72) BODE, Lothar [DE/DE]; Glockengasse 8, 65329 Hohenstein (DE).

(74) KAMPFENKEL, Klaus; Blumbach, Kramer & Partner GbR, Alexandrastrasse 5, 65187 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 NI NO NZ OM PG PH PL PT 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 A61M 37/00, 35/00, 5/20

(11) WO 2004/043534 (13) A1

(21) PCT/US2003/035990

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,549 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INERTIAL DRUG DELIVERY SYSTEM
• SYSTEME INERTIEL D'ADMINISTRATION DE MEDICAMENTS

(71) COLLEGIUM PHARMACEUTICAL, INC. [US/US]; 400 Highland Corporate Drive, Cumberland, RI 02864 (US).

(72) FLEMING, Alison; 39 Summer Street, #1, North Attleboro, MA 03760 (US). HIRSH, Jane; 15 Pierce Road, Wellesley, MA 02481 (US). HUNTER, Ian, Warwick; 6 Oakdale Lane, Lincoln, MA 01773 (US).

(74) LEE, Agnes, S. 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ A61N

(11) WO 2004/043535 (13) A2

(21) PCT/US2003/035610

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/291,745 12 Nov/nov 2002 US (12.11.2002)

(30) 10/400,915 28 Mar/mar 2003 US (28.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR CONE BEAM VOLUME COMPUTED TOMOGRAPHY BREAST IMAGING

• APPAREIL ET PROCEDURE DE MAMMOGRAPHIE PAR TOMODENSITOMETRIE VOLUMIQUE A FAISCEAU CONIQUE

(71) UNIVERSITY OF ROCHESTER [US/US]; 601 Elmwood Avenue, Box 706, Rochester, NY 14642 (US).

(72) NING, Ruola; 11 Meadowlark Drive, Penfield, NY 14526 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A61N 1/36

(11) WO 2004/043536 (13) A1

(21) PCT/US2002/036376

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM FOR ADAPTIVE BRAIN STIMULATION

• SYSTEME DE STIMULATION ADAPTATIVE DU CERVEAU

(71) NEUROPACE, INC. [US/US]; 1375 Shorebird Way, Mountain View, CA 94043 (US).

(72) KIRKPATRICK, Bruce; NeuroPace, Inc., 1375 Shorebird Way, Mountain View, CA 94043 (US). PLESS, Benjamin, D.; NeuroPace, Inc., 1375 Shorebird Way, Mountain View, CA 94043 (US).

(74) WIXON, Clarke, A.; NeuroPace, Inc., 1375 Shorebird Way, Mountain View, CA 94043 (US).

(81) CA JP.

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

(51)⁷ A61N 1/36

(11) WO 2004/043537 (13) A1

(21) PCT/US2003/036265

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,267 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM TO CONVEY THE WITHIN-CHANNEL FINE

STRUCTURE WITH A COCHLEAR IMPLANT

- PROCEDE ET SYSTEME POUR TRANSPORTER UNE STRUCTURE FINE A L'INTERIEUR D'UN CANAL AVEC UN IMPLANT COCHLEAIRE

(71) **ADVANCED BIONICS CORPORATION** [US/US]; 12740 San Fernando RD., Sylmar, CA 91342 (US).

(72) **LITVAK, Leonid, M.**; 7323 Willoughby Avenue, #17, Los Angeles, CA 90046 (US). **KRUBSACK, David, A.**; 20226 Arthur Court, Saugus, CA 91350 (US). **OVERSTREET, Edward, H.**; 25399 N. The Old Road, 6-305, Stevenson Ranch, CA 91381 (US).

(74) **GOLD, Bryant, R. et al. / etc.**; Advanced Bionics Corporation, 12740 San Fernando RD., Sylmar, CA 91342 (US).

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

Published / Publiée : (c)

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AP (BW) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ A61N 1/362, 1/39, G06F 17/00

(11) **WO 2004/043538** (13) A1

(21) PCT/US2003/035958

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/292,285 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ALGORITHMS FOR DETECTING ATRIAL ARRHYTHMIAS FROM DISCRIMINATORY SIGNATURES OF VENTRICULAR CYCLE LENGTHS

- ALGORITHMES POUR LA DETECTION D'ARYTHMIES ATRIALES A PARTIR DE SIGNATURES DISCRIMINATOIRES DES LONGUEURS DE CYCLE VENTRICULAIRE

(71) **MEDTRONIC, INC.** [US/US]; MS LC340, 710 Medtronic Parkway NE, Minneapolis, MN 55432 (US).

(72) **RITSCHER, David, E.**; 3804 Vincent Avenue South, Minneapolis, MN 55410 (US). **SARKAR, Shantanu**; 1231 Ray Place, Stt. Paul, MN 55108 (US).

(74) **WOLDE-MICHAEL, Girma et al. / etc.**; MC LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) CA JP.

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

Published / Publiée : (c)

Declaration / Déclaration :

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

(51)⁷ A61N 2/06

(11) **WO 2004/043539** (13) A1

(21) PCT/GB2003/004804

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 0226539.5 13 Nov/nov 2002 GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MAGNETIC THERAPY PAD

- COUSSINET DE MAGNETOTHERAPIE

(71) **FGM INTERNATIONAL LIMITED** [GB/GB]; 21 Cwmbeth House, Cwmbeth Close, Crickhowell, Powys NP8 1DX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUTLER, Robert, Ian** [GB/GB]; 21 Cwmbeth House, Cwmbeth Close, Crickhowell, Powys NP8 1DX (GB).

(74) **NEWSTEAD, Michael, John**; Page Hargrave, Southgate, Whitefriars, Lewins Mead, Bristol BS1 2NT (GB).

(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).

Declarations / Déclarations :

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

(51)⁷ A61N 5/00, A61M 21/00

(11) **WO 2004/043540** (13) A1

(21) PCT/RU2002/000487

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ru (26) ru

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVITSKY METHOD FOR SYSTEMATIC BIO-ENERGETIC THERAPY

- METHODE DE THERAPIE SYSTEMIQUE BIOENERGETIQUE DE NOVITSKI

(71, 72) **NOVITSKY, Vyacheslav Vladimirovich** [RU/RU]; Olimpiisky pr-t, 32-30, Moscow, 129279 (RU).

(74) **KURAPOV, Gennady Petrovich**; Patent Attorneys "Transtechnology", Leningradsky pr-kt, 23, Moscow, 125040 (RU).

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

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

(51)⁷ A61N 5/00

(11) **WO 2004/043541** (13) A2

(21) PCT/US2003/032596

(22) 16 Oct/oct 2003 (16.10.2003)

(25) en (26) en

(30) 10/272,803 16 Oct/oct 2002 US (16.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR DOSE ADMINISTRATION IN BRACHYTHERAPY

- APPAREIL ET PROCEDE D'ADMINISTRATION D'UNE DOSE EN CURIE-THERAPIE

(71) **BARD BRACHYTHERAPY, INC. (F/K/A STM ACQUISITION SUB. INC.)** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).

(72) **DROBNIK, Christopher, D.**; 721 Saddlewood Drive, Wauconda, IL 60084 (US). **DROBNIK, Michael, W.**; 425 Claremont Drive, Downers Grove, IL 60516 (US). **JONES, Scott, C.**; 481 Vinings Drive, Bloomingdale, IL 60108 (US). **SIERACKI, Dave**; 262 Walnut Street, Elmhurst, IL 60126 (US).

(74) **PATTI, Carmen, B.**; Patti & Brill, LLC, One North LaSalle Street, 44th Floor, Chicago, IL 60602 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, G02B 6/00

(11) **WO 2004/043542** (13) A1

(21) PCT/CH2003/000731

(22) 7 Nov/nov 2003 (07.11.2003)

- (25) de (26) de
- (30) 02405970.1 11 Nov/nov 2002 EP
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ELECTROLUMINESCENT TEXTILE STRUCTURE, IN PARTICULAR FOR MEDICAL USE
- STRUCTURE TEXTILE ELECTROLUMINESCENTE, EN PARTICULIER POUR APPLICATIONS MEDICALES
- (71) UNIVERSITÄT ZÜRICH [CH/CH]; Rämistrasse 71, CH-8006 Zürich (CH). EMPA EDGENOESSISCHE MATERIALPRÜFUNGS- UND FORSCHUNGSANSTALT [CH/CH]; Lerchenfeldstrasse 5, CH-9014 St. Gallen (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WALT, Heinrich [CH/CH]; Im Ahorn 20, CH-8125 Zollikerberg (CH). SELM, Bärbel [DE/CH]; Bahnhofstrasse 11, CH-9305 Berg (CH). WESSEL, Thomas [DE/CH]; Asylstrasse 64, CH-8708 Männedorf (CH).
- (74) SCHMAUDER & PARTNER AG; Zwängiweg 7, CH-8038 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043543 (13) A1
- (21) PCT/US2003/035942
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,983 12 Nov/nov 2002 US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • APPARATUS FOR PERFORMING OPTICAL DERMATOLOGY
- APPAREIL PERMETTANT DE PRACTIQUER UNE DERMATOLOGIE OPTIQUE
- (71) PALOMAR MEDICAL TECHNOLOGIES, INC. [US/US]; 82 Cambridge Street, Burlington, MA 01803 (US).
- (72) ALTSHULER, Gregory, B.; 137 Marion Street, Wilmington, MA 01887 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A62D 5/00, A62B 17/00

(11) WO 2004/043544 (13) A1

(21) PCT/IT2003/000729

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) PS202A000023 14 Nov/nov 2002 IT
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CLOTHING FOR PARTIAL PROTECTION OF THE BODY AGAINST BIOLOGICAL AGENTS

• VETEMENT DE PROTECTION PARTIELLE DU CORPS CONTRE LES AGENTS BIOLOGIQUES

(71) CL.COM ADVANCED TECHNOLOGY [IT/IT]; Via F. Guarini 13, I-47100 Forlì (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CERBINI, Stefano [IT/IT]; Via Torricelli 10, I-61100 Pesaro (IT). LO IOCO, Pasqualino [IT/IT]; Via Certaldo 523, I-47023 Cesena (IT).

(74) SCRIMA, Roberto; Via Battisti 139, I-61100 Pesaro (IT).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NZ OM PH PL RO RU 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).

Published / Publiée : (c)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NZ OM PH PL RO RU SG TN TT UA UZ VN YU ZA AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 A63B

(11) WO 2004/043545 (13) A2

(21) PCT/US2003/035643

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,756 8 Nov/nov 2002 US
(08.11.2002)

(30) 10/701,758 4 Nov/nov 2003 US
(04.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POWDER DISPENSING GOLF BALL MARKER

• REPERE DE BALLE DE GOLF DISTRIBUTANT DE LA POUDRE

(71) GOLFING INNOVATIONS, LLC [US/US]; 527 San Vicente Boulevard, Suite 408, Santa Monica, CA 90402 (US).

(72) KVITEK, Aaron, A.; 527 San Vicente Boulevard, #408, Santa Monica, CA 90402 (US).

(74) SCHAAL, William, W. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025-1026 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 A63B

(11) WO 2004/043546 (13) A2

(21) PCT/US2003/036450

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,070 12 Nov/nov 2002 US
(12.11.2002)

(30) 60/502,625 15 Sep/sep 2003 US
(15.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VARIABLE-DRAFT VESSEL

• NAVIRE A TIRANT D'EAU VARIABLE

(71) LOCKHEED MARTIN CORPORATION [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817 (US).

(72) SCHMIDT, Terrence, W.; 2600 Neves Court, Santa Clara, CA 95051 (US). MAN-NINO, Anthony, J.; 22984 South Fork Road, Twain Harte, CA 95383 (US). MADDEN, Lewis, D.; 2951 Holiday Court, Morgan Hill, CA 95037 (US).

(74) LEROY, Rodney, C. et al. / etc.; TOWNSEND AND TOWNSEND AND CREW LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) BR CA MX PH.

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

(51)⁷ A63B 21/00, 22/00

(11) WO 2004/043547 (13) A1

(21) PCT/CN2003/000950

- (22) 12 Nov/nov 2003 (12.11.2003)
(25) zh (26) zh
(30) 02281099.4 13 Nov/nov 2002 CN
(13.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • A POWER SUPPLY CONTROLLING APPARATUS CONTROLLED BY THE SPORTS DEVICE
• DISPOSITIF DE GESTION D'ALIMENTATION COMMANDE PAR UN APPAREIL D'EXERCICE
(71, 72) LEE, Hsiao-Chung [CN/CN]; No. 82, Man-Ping St., Pan-Chiao City, Taipei County, Taiwan (CN).
(74) SHENYANG PATENT & TRADEMARK AGENCY ACADEMIA SINICA; 24 San-hao Street, Heping District, Shenyang, Liaoning Province 110004 (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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ A63B 23/02, 23/035
(11) WO 2004/043548 (13) A1
(21) PCT/GB2003/004905
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 0226359.8 12 Nov/nov 2002 GB
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • EXERCISE APPARATUS
• APPAREIL D'EXERCICES
(71, 72) GRAVES, Clifford [GB/GB]; 73 Meadowlands Avenue, Hampden Park, Eastbourne BN22 0DY (GB).
(74) BROOKES BATCHELLOR LLP; 102-108 Clerkenwell Road, London EC1M 5SA (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/043549 (13) A1
(21) PCT/US2003/036279
(22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 10/290,817 8 Nov/nov 2002 US
(08.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • GOLF CLUB HEAD HAVING A REMOVABLE WEIGHT
• TETE DE CLUB DE GOLF A MASSE AMOVIBLE
(63) US 10/290,817 (CIP)
8 Nov/nov 2002 (08.11.2002)
(71) TAYLOR MADE GOLF COMPANY, INC. [US/US]; 5545 Fermi Court, Carlsbad, CA 92008-1517 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) WILLETT, Kraig, A. [US/US]; 5545 Fermi Court, Carlsbad, CA 92208-1517 (US). HOFFMAN, Joseph [US/US]; 5554 Fermi Court, Carlsbad, CA 92008 (US). ZIMMERMAN, Gery, Mel [US/US]; 5545 Fermi Court, Carlsbad, CA 92008 (US).
(74) BRUEGGEMANN, James, R.; Sheppard, Mullin, Richter & Hampton, LLP, 333 South Hope Street, 48th Floor, Los Angeles, CA 90071 (US).
(81) JP KR US.
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(11) WO 2004/043550 (13) A1
(21) PCT/US2003/036343
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 60/425,244 12 Nov/nov 2002 US
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • MULTI-MATERIAL GOLF CLUB HEAD
• TETE DE BATON DE GOLF REALISEE EN PLUSIEURS MATERIAUX
(71) VYATEK SPORTS, INC. [US/US]; 8214 E. Sharon Drive, Scottsdale, AZ 85260 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) LINDSAY, Howard, Alvin [US/US]; 8214 E. Sharon Drive, Scottsdale, AZ 85260 (US).
(74) BOYD, Damon, L.; Snell & Wilmer L.L.P., One Arizona Center, 400 E. Van Buren, Phoenix, AZ 85004 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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

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(22) 13 Nov/nov 2003 (13.11.2003)
(25) en (26) en
(30) 0226470.3 13 Nov/nov 2002 GB
(13.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • GOLF TEE DEVICE
• DISPOSITIF DE T DE GOLF
(71) WORLD GOLF SYSTEMS LIMITED [GB/GB]; Axis 4 Rhodes Way, Watford, Herts, WD24 4YW (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) THIRKETTLE, John, Scott [GB/GB]; The Red House, 18 Station Road, Long Marston, Hertfordshire HP23 4QS (GB). EMMERSON, Geoffrey [GB/GB]; World Golf Systems Ltd, Axis 4 Rhodes Way, Watford, Herts, WD24 4YW (GB).
(74) POWELL, Stephen, David et al. / etc.; Williams Powell, Morley House, 26-30 Holborn Viaduct, London EC1A 2BP (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 A63B 69/36
(11) WO 2004/043552 (13) A1
(21) PCT/KR2003/002369
(22) 6 Nov/nov 2003 (06.11.2003)
(25) ko (26) en
(30) 10-2002-0070135 12 Nov/nov 2002 KR
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • PUTTING TRAINING PLATE AND PUTTING TRAINING APPARATUS EMPLOYING THE SAME
• PLAQUE DE PRATIQUE DE COUPS ROULES ET APPAREIL DE PRATIQUE DE COUPS ROULES UTILISANT UNE TELLE PLAQUE
(71, 72) CHOI, Moon-Ki [KR/KR]; 1-1001 Sang-a Apt., 166 Ogeum-dong, Songpa-gu, 138-738 Seoul (KR).
(74) JUNG, Hyun-Young; 204, Ace Techno Tower V, 197-22, Guro-dong, Guro-gu, Seoul 152-766 (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
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 A63C 11/02

(11) WO 2004/043553 (13) A1

(21) PCT/GB2003/004840

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 0226225.1 9 Nov/nov 2002 GB
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A SKI CARRYING DEVICE

• DISPOSITIF DE TRANSPORT DE SKIS

(71, 72) ROLF, Nigel, Gordon [GB/GB]; Unit 1A, 262 Ringwood Road, Poole, Dorset BH14 0RS (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043554 (13) A2

(21) PCT/US2003/035560

(22) 7 Nov/nov 2003 (07.11.2003)

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(30) 60/425,116 7 Nov/nov 2002 US
(07.11.2002)

(30) 10/702,309 6 Nov/nov 2003 US
(06.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENHANCED TWENTY-ONE CARD GAME

• JEU DE CARTES "VINGT-ET-UN" AMELIORE

(71, 72) CALDWELL, Adrian [US/US]; 319 Concord Drive, Clinton, MS 39056 (US).

(74) JONES, Jason, R. et al. / etc.; Thorpe North & Western LLP, P.O. Box 1219, Sandy, UT 84109-1219 (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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043555 (13) A2

(21) PCT/US2003/036370

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,905 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD OF PLAYING CRIBBAGE AS A CASINO GAME AND AS A SLOT MACHINE

• DISPOSITIF ET TECHNIQUE DE JEU DE CRIBBAGE A UNE TABLE DE CASINO OU DANS UNE MACHINE A SOUS

(71) SPUR GAMING SYSTEMS [US/US]; P.O. Box 5732, Stateline, NV 89449 (US).

(72) FOSTER, Brian, Keith; 111 Sequoia Drive, Stateline, NV 89449 (US). SPUR, Mark, John; 155 Irwin Drive, Stateline, NV 89449 (US).

(74) WILBAR, William, P.; Sierra Patent Group, Ltd., P.O. Box 6149, Stateline, NV 89449 (US).

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

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

(11) WO 2004/043556 (13) A1

(21) PCT/GB2003/004874

(22) 11 Nov/nov 2003 (11.11.2003)

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(30) 0226259.0 11 Nov/nov 2002 GB
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A GAMING APPARATUS

• APPAREIL DE JEU

(71) HOARTON, Lloyd, Douglas, Charles [GB/GB]; Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

(only for / seulement pour SD)

(71, 72) BURSILL, Donald, William [—/—]; Les Hamelins, Rue du Catillon, St. Pierre du Bois, Guernsey G17 9HF (GB).

(74) FORRESTER KETLEY & CO; Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043557 (13) A1

(21) PCT/US2003/003627

(22) 5 Feb/fév 2003 (05.02.2003)

(25) en (26) en

(30) 10/288,694 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTERLOCKING GAME BOARD WITH CONNECTING KEY

• PLATEAU DE JEU A EMBOITEMENT ET A CLAVETTES D'INTERCONNECTION

(71, 72) MURRELL, Brett, G. [US/US]; 1048 West Harness Drive, Boise, ID 83709 (US).

(74) NIPPER, Stephen, M.; Dykas, Shaver & Nipper, LLP, P.O.Box 877, Boise, ID 83701-0877 (US).

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

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

(51)⁷ A63F 5/00, 5/02, 5/04

(11) WO 2004/043558 (13) A1

(21) PCT/GB2003/004883

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0226260.8 11 Nov/nov 2002 GB
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A ROULETTE WHEEL GAMING APPARATUS

• APPAREIL DE JEUX A ROULETTE

(71) **HOARTON, Lloyd, Douglas, Charles** [GB/GB]; Forrester House, 52 Bounds Green Road, London N11 2EY (GB).
(only for / seulement pour SD)

(71, 72) **BURSILL, Donald, William** [AU/—]; Les Hamelins, Rue du Catillon, St. Pierre du Bois, Guernsey G17 9HF (GB).

(74) **FORRESTER KETLEY & CO.**; Forrester House, 52 Bounds Green Road, London N11 2EY (GB).

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

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

(11) **WO 2004/043559** (13) **A2**

(21) PCT/US2003/031436

(22) **1 Oct/oct 2003 (01.10.2003)**

(25) en (26) en

(30) 10/288,960 **5 Nov/nov 2002** **US**
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PET TOYS INCORPORATING MULTIPLE HARDNESS SECTIONS**

• **JOUETS D'ANIMAL DE COMPAGNIE INCORPORANT DES SECTIONS DE DURETE MULTIPLES**

(71) **KONG COMPANY LLC** [US/US]; 16191-D Table Mountain Parkway, Golden, CO 80403-1641 (US).

(72) **MARKHAM, Joseph, P.**; 12094 West 75th Place, Arvada, CO 80005 (US).

(74) **JOHNSON, Brent, P.** et al. / etc.; Sheridan Ross P.C., Suite 200, 1560 Broadway, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **A63H**

(11) **WO 2004/043560** (13) **A2**

(21) PCT/US2003/034561

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

(25) en (26) en

(30) 60/425,017 **7 Nov/nov 2002** **US**
(07.11.2002)

(30) Not furnished / **21 Oct/oct 2003** **US**
non communiqué (21.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **MULTIPLE ACTION MODULE TOY**

• **JOUET MODULAIRE A ACTIONS MULTIPLES**

(71) **MATTEL, INC.** [US/US]; 333 Continental Blvd., El Segundo, CA 90245-5012 (US).

(72) **BARRI, Darin**; 2718 Oakhurst Avenue, El Segundo, CA 90034 (US). **GRZESEK, Robert**; 208 S. Irena Ave. #3, Redondo Beach, CA 90277 (US). **LIGHTBODY, Timothy, R.**; 16825 Bridgeport Street, Fountain Valley, CA 92708 (US). **SANCHEZ, Jorge**; 10928 Myrtle Street #F, Downey, CA 90241 (US). **ARELLANO, Jose**; 2311 Hill Lane, Redondo Beach, CA 90278 (US).

(74) **EKSTRAND, Roy, A.**; Mattel, Inc., M/S M1-1518, 333 Continental Blvd., El Segundo, CA 90245-5012 (US).

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

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

(51)⁷ **A63H 1/18**

(11) **WO 2004/043561** (13) **A1**

(21) PCT/MX2003/000095

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) es (26) es

(30) PA/u/2002/000329 **13 Nov/nov 2002** **MX**
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **SPINNING TOP COMPRISING MULTIPLE, SIMULTANEOUSLY-OPERATED TOPS**

• **TOTON MULTIPLE A FONCTIONNEMENT SIMULTANE**

(71, 72) **PÉREZ ENRÍQUEZ, Rafael** [MX/MX]; Cuicuilco #87, Col. Vértiz Narvarte, MX-03650 México (MX).

(81) JP US.

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **A63H 3/46**

(11) **WO 2004/043562** (13) **A1**

(21) PCT/US2003/036361

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/426,021 **12 Nov/nov 2002** **US**
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **FRICTIONAL JOINT FOR TOYS**

• **JOINT A FROTTEMENT POUR JOUETS**

(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) **WAI, Fuk, Chai, Alvin** [CN/CN]; 1A, 10th Lane, Sha Kok Mei Village, Sai Kung, N.T., Kowloon, Hong Kong (CN).

(74) **TUTTLE, Christopher, S.**; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

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

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

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(51)⁷ **B01D**

(11) **WO 2004/043563** (13) **A2**

(21) PCT/US2003/018926

(22) **17 Jun/juin 2003 (17.06.2003)**

(25) en (26) en

(30) 60/423,767 **5 Nov/nov 2002** **US**
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHODS OF ISOLATION OF ACTIVE COMPOUNDS AND ACTIVATED TARGETS**

• **PROCEDES D'ISOLEMENT DE COMPOSES ACTIFS ET DE CIBLES ACTIVES**

(71) **REGENERON PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURPHY, Andrew, J.** [US/US]; 10 Newton Court, Croton-On-Hudson, NY 10520 (US). **SHANKER, Gopi, Y.** [IN/US]; 680 Fort Washington, Apt.36, New York, NY 10029 (US). **YANCOPOULOS, George, D.** [US/US]; 1519 Baptist Church Road, Yorktown Heights, NY 10598 (US).

(74) **VALETA, Gregg**; Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, NY 10591 (US).

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

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

DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043564 (13) A2

(21) PCT/US2003/035785

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,895 8 Nov/nov 2002 US (08.11.2002)

(30) 10/672,926 26 Sep/sep 2003 US (26.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOVING BED ADSORBER/DESORBER AND LOW FLOW (HIGH YIELD) DESORBER DEVICES AND THEIR METHODS OF USE

• ADSORBEUR/DESORBEUR A LIT MOBILE ET DISPOSITIFS DE DESORPTION A ECOULEMENT LENT (PRODUCTIVITE ELEVEE) ET LEURS PROCEDES D'UTILISATION

(71) CHEMICAL RECOVERY INTERNATIONAL, INC. [US/US]; 3020 Old Ranch Parkway, Seal Beach, CA 90740 (US).

(72) DAI, Xiang, Feng (deceased / décédé).

(74) BUYAN, Robert, D.,; Stout, Uxa, Buyan & Mullins LLP, 4 Venture, Suite 300, Irvine, CA 92618 (US).

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

(s) for the following designations / pour les désignations suivantes : AE AG 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 B01D 1/00

(11) WO 2004/043565 (13) A2

(21) PCT/CH2003/000705

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 60/425,387 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POWERED DISPENSING DEVICES FOR THE DELIVERY OF EVAPORABLE MATERIALS

• DISTRIBUTEURS A MOTEUR CONÇUS POUR DIFFUSER DES MATIERES VAPORISABLES

(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; Givaudan Schweiz AG, Global Patents, Überlandstrasse 138, CH-8600 Dübendorf (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 NI NO NZ OM PG PH PL PT 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 B01D 3/00, 3/10, F04C 19/00, B01D 29/66, 35/12, 35/16, 35/22, F28F 1/00, 3/00, F16K 1/00, 15/00

(11) WO 2004/043566 (13) A2

(21) PCT/US2003/036540

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,820 13 Nov/nov 2002 US (13.11.2002)

(30) 60/490,615 28 Jul/juil 2003 US (28.07.2003)

(30) 60/518,782 10 Nov/nov 2003 US (10.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRESSURIZED VAPOR CYCLE LIQUID DISTILLATION

• DISTILLATION DE LIQUIDES PAR CYCLE A VAPEUR SOUS PRESSION

(71) DEKA PRODUCTS LIMITED PARTNERSHIP [US/US]; 340 Commercial Street, Manchester, NH 03101-1108 (US).

(72) BEDNAREK, David, F.; 15 Pond Path, North Hampton, NH 03862 (US). DEMERS, Jason, A.; 387 North Bay Street, Manchester, NH 03104 (US). DUGGAN, Timothy, P.; 59 Lords Mill Road, Epsom, NH 03234 (US). JACKSON, James; 174 Old Milford Road, Brookline, NH 03033 (US). LEONARD, Scott, A.; 125 West Clarke Street, Manchester, NH 03104 (US). MCGILL, David, W.; 29 West Drive, Bedford, NH 03110 (US). OWENS, Kingston; 10 Ellison Drive, Bedford, NH 03110 (US).

(74) CARTER, Barbara, J. et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 B01D 19/04, D21H 21/12

(11) WO 2004/043567 (13) A1

(21) PCT/US2003/035224

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/289,579 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A PROCESS FOR SUPPRESSING THE FOAMING OF AN AQUEOUS SYSTEM
• PROCEDE DE SUPPRESSION DE MOUSSAGE DANS UN SYSTEME AQUEUX

(71) BAYER POLYMERS LLC [US/US]; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

(72) BROWNE, Edward, P.; 5 Mathias Lane, South Charleston, WV 25309 (US).

(74) GIL, Joseph, C. et al. / etc.; Bayer Polymers LLC, 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

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

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

Published / Publiée : (c)

(51)⁷ B01D 21/01, B01F 3/08, 5/08, C02F 1/52, 1/56, 11/14

(11) WO 2004/043568 (13) A1

(21) PCT/JP2003/013997

(22) 31 Oct/oct 2003 (31.10.2003)

(25) ja (26) ja

(30) 2002-329162 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AGGREGATION REACTION SYSTEM
• SYSTEME DE REACTION D'AGREGATION

(71) KURITA WATER INDUSTRIES LTD. [JP/JP]; 4-7, Nishi-shinjuku 3-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TAKEUCHI, Tadao [JP/JP]; c/o KURITA WATER INDUSTRIES LTD., 4-7, Nishi-shinjuku 3-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(74) SHIGENO, Tsuyoshi; Nissin bldg. 9th floor, 5-10, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

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

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

(51)⁷ B01D 25/21, 25/28

(11) WO 2004/043569 (13) A2

(21) PCT/EP2003/012269

(22) 4 Nov/nov 2003 (04.11.2003)

(25) de (26) de

(30) 102 52 922.1 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEMBRANE FILTER PRESS
• FILTRE PRESSE À MEMBRANE

(71) JVK FILTRATION SYSTEMS GMBH [DE/DE]; Obere Lerch 2, 91166 Georgensgmünd (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SALBAUM, Bernhard [DE/DE]; Baumleite 7, 91187 Mühlstetten (DE). KNYE, Ulrich [DE/DE]; Ackerstr. 28, 96515 Sonneberg (DE). HERMANN, Manfred, P. [DE/DE]; Wilhelm-Raabe Str. 15, 90491 Nürnberg (DE).

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

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 35/14

(11) WO 2004/043570 (13) A2

(21) PCT/US2003/035394

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,487 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILTER CARTRIDGE HAVING COMPONENT FOR USE WITH A SENSOR SYSTEM; ASSEMBLIES; AND, METHODS
• CARTOUCHE FILTRANTE PRESENTANT UN COMPOSANT DESTINE A ETRE UTILISE AVEC UN SYSTEME DE DETECTION ; ENSEMBLES ET PROCEDES

(71) DONALDSON COMPANY, INC. [US/US]; 1400 West 94th Street, P.O. Box 1299, Minneapolis, MN 55440-1299 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HACKER, John R. [US/US]; 5614 Saint Andrews Avenue, Edina, MN 55424 (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 NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 29/48

(11) WO 2004/043571 (13) A1

(21) PCT/RU2003/000488

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ru (26) ru

(30) 2002130585 14 Nov/nov 2002 RU (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILTERING ELEMENT
• ELEMENT FILTRANT

(71) RYAZANOV, Dmitry Anatolievich [RU/RU]; ul. Shosseinaya, 37-274, Moscow, 109388 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) MOROZOV, Valentin Georgievich [RU/RU]; ul. Verkhoyanskaya, 6-1-181, Moscow, 129344 (RU). GOLIKOV, Vladimir Vladimirovich [RU/RU]; ul. Suzdalskaya, 16-2-131, Moscow, 111673 (RU).

(74) OBSHESTVO S OGRANICHENNOI OTVETSTVENNOSTJU "SOJUZ-PATENT"; ul. Iliinka, 5-2, Moscow, 103735 (RU).

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

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

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

(51)⁷ B01D 35/143, 53/04, 53/30

(11) WO 2004/043572 (13) A1

(21) PCT/FR2003/003311

(22) 6 Nov/nov 2003 (06.11.2003)

(25) fr (26) fr

(30) 02/14082 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF DETERMINING THE SATURATION STATE OF A MOLECULAR ABSORPTION FILTER
• PROCEDE PERMETTANT DE SI-TUER L'ETAT DE SATURATION D'UN FILTRE A ADSORPTION MOLECULAIRE

(71, 72) HAUVILLE, François, Pierre [FR/US]; 34 Alcott Way, North Andover, MA 01845 (US).

(72, 75) HERRY, Cedric [FR/FR]; 46, route de Nonencourt, F-27810 Marcilly sur Eure (FR).

(74) GAYRAUD, René; 6, rue du Val, F-78711 Mantes-La-Ville (FR).

(81) CA CN JP US.

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

(51)⁷ B01D 53/22

(11) WO 2004/043573 (13) A1

(21) PCT/US2003/035530

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/291,444 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STORAGE DEVICE UTILIZING A DIFFERENTIALLY PERMEABLE MEMBRANE TO CONTROL GASEOUS CONTENT

• DISPOSITIF DE STOCKAGE EQUIPE D'UNE MEMBRANE PERMEABLE DIFFERENTIELLE DESTINEE A REGULER LE CONTENU GAZEUX DU DISPOSITIF

(71) AMERICAN MOXIE, LLC [US/US]; 46 Western Drive, Ardsley, NY 10502 (US).

(72) KUNSTADT, Lawrence; 46 Western Drive, Ardsley, NY 10502 (US). CARLSON, Peter; 3600 Inverness Drive, Chevy Chase, MD 20815 (US).

(74) LIEBERSTEIN, Stanley, H. et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG 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 B01D 53/26, F26B 21/02, 21/00

(11) WO 2004/043574 (13) A1

(21) PCT/AT2003/000341

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) A 1702/2002 12 Nov/nov 2002 AT
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INSTALLATION FOR DRYING OR DE-
HYDRATING GOODS

• INSTALLATION POUR SECHER OU
DESHYDRATER DES PRODUITS

(71, 72) WIEDL, Alfred [AT/AT]; Hochfeld-
strasse 20, A-9523 Landskron (AT). FREH,
Alfred [AT/AT]; Rax-Bergen 98, A-8380
Jennersdorf (AT). REITERBAUER, Alois
[AT/AT]; Schildbach 30, A-8230 Hartberg
(AT).

(74) WILDHACK, Helmut et al. / etc.; WILD-
HACK-JELLINEK, Landstrasser Haupt-
strasse 50, A-1030 Wien (AT).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE 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).

Published / Publiée : (c)

(51)⁷ B01D 53/94

(11) WO 2004/043575 (13) A1

(21) PCT/JP2003/013952

(22) 30 Oct/oct 2003 (30.10.2003)

(25) ja (26) ja

(30) 2002-320390 1 Nov/nov 2002 JP
(01.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DENITRATION CATALYST MANAGE-
MENT METHOD AND DENITRATION
CATALYST MANAGEMENT DEVICE

• PROCEDE ET DISPOSITIF DE GES-
TION D'UN CATALYSEUR DE DENI-
TRIFICATION

(71) THE CHUGOKU ELECTRIC POWER
CO., INC. [JP/JP]; 4-33, Komachi, Naka-ku,
Hiroshima-shi, Hiroshima 730-8701 (JP).

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

(72, 75) SHIMADA, Hiroshi [JP/JP]; c/o The
Chugoku Electric Power Co., Inc., 4-33, Ko-
machi, Naka-ku, Hiroshima-shi, Hiroshima
730-8701 (JP). OKA, Yousuke [JP/JP];
c/o The Chugoku Electric Power Co., Inc.,
4-33, Komachi, Naka-ku, Hiroshima-shi,
Hiroshima 730-8701 (JP).

(74) SAKAI, Akinori; 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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B01D 61/10, F03B 13/26, 17/02

(11) WO 2004/043576 (13) A1

(21) PCT/GB2003/004956

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226526.2 14 Nov/nov 2002 GB
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DESALINATION DEVICE

• DISPOSITIF DE DESSALEMENT

(71) FREPOWER LTD [GB/GB]; 96 Hamilton
Road, Rutherglen, Glasgow G73 3DS (GB).

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

(72, 75) PRICE, Gordon [GB/GB]; 96 Hamilton
Road, Rutherglen, Glasgow G73 3DS (GB).
REID, Alister, Ure [GB/GB]; 96 Hamilton
Road, Rutherglen, Glasgow G73 3DS (GB).

(74) KENNEDYS PATENT AGENCY LIM-
ITED; Floor 5, Queens House, 29 St Vincent
Place, Glasgow G1 2DT (GB).

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

TR TT TZ UA UG US UZ VN YU ZA ZM
ZW.

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

Published / Publiée : (c)

(51)⁷ B01D 63/00, C02F 1/44

(11) WO 2004/043577 (13) A1

(21) PCT/US2003/035555

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,198 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TANGENTIAL FILTRATION HOUSING
• LOGEMENT DE FILTRATION TAN-
GENTIELLE

(71) INNOVASEP TECHNOLOGY CORPO-
RATION [US/US]; 420 Maple Street, Unit
#15, Marlborough, MA 01752 (US).

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les États désignés sauf US)

(72, 75) WEINSTEIN, Martin, J. [US/US]; 16
Rebecca Road, South Dartmouth, MA 02748
(US). HERCZEG, Attila [US/US]; 4 Jacobs
Lane, Southborough, MA 01722 (US).

(74) RONNING, Royal, N., Jr. et al. / etc.;
Amersham Biosciences Corp, 800 Centennial
Avenue, Piscataway, NJ 08855 (US).

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

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B01D 63/02, 63/04, 65/00

(11) WO 2004/043578 (13) A1

(21) PCT/NL2003/000752

(22) 31 Oct/oct 2003 (31.10.2003)

(25) nl (26) en

(30) 1021913 13 Nov/nov 2002 NL
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILTER MODULE

• MODULE DE FILTRATION

(71) JB VENTURES B.V. [NL/NL]; Fuutweg 17,
NL-7442 CL Nijverdal (NL).

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

(72, 75) **BERENDS, Hendrik, Johan, Ferdinand** [NL/NL]; Zevenblad 30, NL-7443 LX Nijverdal (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ B01D 69/12

(11) WO 2004/043579 (13) A1

(21) PCT/JP2003/014262

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-328085 12 Nov/nov 2002 JP (12.11.2002)

(30) 2003-194892 10 Jul/juil 2003 JP (10.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITE POROUS MEMBRANE AND METHOD OF MANUFACTURING THE MEMBRANE
• MEMBRANE POREUSE COMPOSITE ET PROCEDE DE FABRICATION

(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP).

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(72, 75) **SHINADA, Katsuhiko** [JP/JP]; c/o Mitsubishi Rayon Co., Ltd., Corporate Research Laboratories, 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0698 (JP). **MURASE, Kei** [JP/JP]; c/o Mitsubishi Rayon Co., Ltd., Corporate Research Laboratories, 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0698 (JP). **YAMADA, Teruyuki** [JP/JP]; c/o Mitsubishi Rayon Co., Ltd., Corporate Research Laboratories, 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0698 (JP). **SHIRASU, Yu-ichi** [JP/JP]; c/o Mitsubishi Rayon Co., Ltd., Corporate Research Laboratories, 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0698 (JP). **MIZUTA, Masahiko** [JP/JP]; c/o Mitsubishi Rayon Co., Ltd., Corporate Research Laboratories, 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0698 (JP). **FUJIKI, Hiroyuki** [JP/JP]; c/o Mitsubishi Rayon Co., Ltd., Otake Production Center, 20-1, Miyuki-cho, Otake-shi, Hiroshima 739-0698 (JP).

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

(81) CA CN JP KR SG US.

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

(51)⁷ B01F 3/08, B01J 19/08

(11) WO 2004/043580 (13) A1

(21) PCT/BE2003/000198

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226503.1 14 Nov/nov 2002 GB (14.11.2002)

(30) 0304356.9 26 Feb/fév 2003 GB (26.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR PREPARING EMULSIONS

• PROCEDE DE PREPARATION D'EMULSIONS

(71) **K.U.LEUVEN RESEARCH & DEVELOPMENT** [BE/BE]; Groot Begijnhof 58, B-3000 Leuven (BE).

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(72, 75) **NUYENS, Jan** [BE/BE]; Vredelaan 10, B-2350 Vosselaar (BE). **MARTENS, Johan** [BE/BE]; Borheidestraat 25, B-3040 Huldenberg (BE).

(74) **BIRD, William, E.** et al. / etc.; Bird Goën & Co, Klein Delenstraat 42 A, B-3020 Winksele (BE).

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

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

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(51)⁷ B01F 11/00

(11) WO 2004/043581 (13) A1

(21) PCT/US2003/035866

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/295,346 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STAINING APPARATUS FOR STACKED ELECTROPHORESIS SLAB GELS

• APPAREIL DE COLORATION POUR LES GELS EN PLAQUES D'ELECTROPHORESE EMPILES

(71) **BIO-RAD LABORATORIES, INC.** [US/US]; 1000 Alfred Nobel Drive, Hercules, CA 94547 (US).

(72) **PEREZ, Evelio**; 1801 Brentz Lane, San Pablo, CA 94806 (US). **RODRIGUEZ, Gabriela**; 173 Dartford Street, Hercules, CA 94547 (US).

(74) **HEINES, M., Henry** et al. / etc.; Townsend And Townsend And Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

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

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

Declarations / Déclarations :

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

(t) for all designations / pour toutes les désignations

(51)⁷ B01J

(11) WO 2004/043582 (13) A2

(21) PCT/US2003/035104

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/290,787 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGHLY HOMOGENEOUS AMORPHOUS SILICA-ALUMINA CATALYST COMPOSITION

• COMPOSITION FORMANT UN CATALYSEUR DE SILICE/ALUMINE AMORPHE HAUTEMENT HOMOGENE

(71) **CHEVRON U.S.A. INC.** [US/US]; 6001 Bollinger Canyon Road, Building T, Third Floor, San Ramon, CA 94583 (US).

(72) **TIMKEN, Hye, Kyung, C.**; 710 Pomona Avenue, Albany, CA 94706 (US). **HABIB, Mohammad, M.**; 421 Canyon Court, Benicia, CA 94510 (US).

(74) **ROTH, Steven, H.** et al. / etc.; ChevronTexaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 2004/043583 (13) A2

(21) PCT/US2003/035901

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,383 11 Nov/nov 2002 US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVED SUPPORTS FOR HIGH
SURFACE AREA CATALYSTS

• SUPPORTS AMELIORES POUR CATA-
LYSEURS A GRANDE SURFACE AC-
TIVE

(71) CONOCOPHILLIPS COMPANY
[US/US]; 600 North Dairy Ashford, Houston,
TX 77079 (US).

(72) ESPINOZA, Rafael, L.; 1469 N. Pren-
tice Rd., Ponca City, OK 74604 (US).
FRAENKEL, Dan; 624 Shannon Road,
Ponca City, OK 74601 (US). COY, Kevin,
L.; 905 E. Bradley, Ponca City, OK 74601
(US).

(74) WESTPHAL, David, W. et al. / etc.; P.O.
Box 1267, Ponca City, OK 74602-1267 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/043584 (13) A2

(21) PCT/US2003/036008

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,381 11 Nov/nov 2002 US
(11.11.2002)

(30) 60/425,383 11 Nov/nov 2002 US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL SYNGAS CATALYSTS AND
THEIR METHOD OF USE

• CATALYSEURS POUR L'ELABORA-
TION DE GAZ DE SYNTHÈSE ET
PROCÈDE D'UTILISATION

(71) CONOCOPHILLIPS COMPANY
[US/US]; 600 North Dairy Ashford, Houston,
TX 77079 (US).

(72) XIE, Shuibo; 3607 Bellflower Avenue,
Ponca City, OK 74604 (US). RICKETSON,
Chad, M.; 5522 West 7th, Stillwater, OK
74074 (US). MINAHAN, David, M.; 1015
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JIN, Yaming; 2117 Berkshire, Ponca City,
OK 74604 (US). WRIGHT, Harold, A.; 316
Warwick Road, Ponca City, OK 74601 (US).
WOLF, Mary, E.; 136 Elmwood Avenue,
Ponca City, OK 74601 (US). ERCAN, Ce-
mal; 9917 South 87th East Avenue, Tulsa,
OK 74133 (US). DUTTA, Subhash; 1000
South Pine, NGR 4604 RW, Ponca City, OK
74602 (US).

(74) WESTPHAL, David, W. et al. / etc.; Cono-
coPhillips Company, P.O. Box 1267, Ponca
City, OK 74602-1267 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 2004/043585 (13) A2

(21) PCT/US2003/036469

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/293,825 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MODIFICATION OF THE PORE
STRUCTURE OF METAL OXIDE AND
MIXED METAL OXIDE SUPPORTS
FOR CATALYST SYNTHESIS

• MODIFICATION DE LA STRUCTURE
POREUSE D'UN OXYDE METAL-
LIQUE ET DE SUPPORTS MELANGES
D'OXYDE METALLIQUE POUR SYN-
THÈSE CATALYTIQUE

(71) CONOCOPHILLIPS COMPANY
[US/US]; 600 North Dairy Ashford, Houston,
TX 77079 (US).

(72) WANG, Daxiang; 2508 Briar Ridge Road,
Ponca City, OK 74604 (US). XIE, Shuibo;
3607 Bellflower Avenue, Ponca City, OK
74604 (US).

(74) WESTPHAL, David, W. et al. / etc.; Cono-
coPhillips Company, P.O. Box 1237, Ponca
City, OK 74602-1267 (US).

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

TR TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

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

(51)⁷ B01J 8/04, 8/00

(11) WO 2004/043586 (13) A1

(21) PCT/US2003/035729

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/293,380 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND PROCESS FOR RE-
ACTING OVER TWO CATALYST BEDS

• APPAREIL ET PROCÈDE POUR REAC-
TION SUR DEUX LIT CATALYTIQUES

(71) UOP LLC [US/US]; 25 East Algonquin
Road, Des Plaines, IL 60016 (US).
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les États désignés sauf US)

(72, 75) ALBIN, David, W. [US/US]; UOP LLC,
25 East Algonquin Road, Des Plaines, IL
60016 (US).

(74) TOLOMEI, John, G.; UOP Llc, 25 East Al-
gonquin Road, Des Plaines, IL 60016 (US).

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

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

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(51)⁷ B01J 8/04, 8/02, C01B 3/34, 3/38, 3/40

(11) WO 2004/043587 (13) A1

(21) PCT/US2003/036258

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,954 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FAST STARTUP IN AUTOTHERMAL
REFORMERS

• DEMARRAGE RAPIDE DE REFOR-
MEURS AUTO-THERMIQUES

(71) NUVERA FUEL CELLS, INC. [US/US];
20 Acorn Park, Cambridge, MA 02140 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SHI, Yanlong [CN/US]; 147 King Street,
Apt. 506, Littleton, MA 01460 (US). ZHAO,

- Jian, Lian [US/US]; 17 Casper Street, Boston, MA 02132 (US).
- (74) SMITH, James, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ B01J 19/00
- (11) WO 2004/043588 (13) A2
- (21) PCT/US2003/024564
- (22) 6 Aug/août 2003 (06.08.2003)
- (25) en (26) en
- (30) 10/214,723 7 Aug/août 2002 US (07.08.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PRODUCTION OF POLYMERIC MICROARRAYS
- PRODUCTION DE MICRORESEAUX POLYMERES
- (71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; Five Cambridge Center, Cambridge, MA 02142-1493 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ANDERSON, Daniel, G. [US/US]; 270 Belknap Road, Framingham, MA 01701 (US). LANGER, Robert, S. [US/US]; 98 Montvale Road, Newton, MA 02459 (US).
- (74) ROSEN, Valarie, B.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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)
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- (51)⁷ B01J 21/02
- (11) WO 2004/043590 (13) A1
- (21) PCT/US2003/032143
- (22) 10 Oct/oct 2003 (10.10.2003)
- (25) en (26) en
- (30) 10/291,114 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR PREPARING A HIGHLY HOMOGENEOUS AMORPHOUS SILICA-ALUMINA COMPOSITION
- PROCEDE DE PREPARATION D'UNE COMPOSITION A BASE DE SILICE/ALUMINE AMORPHE A HOMOGENEITE ELEVEE
- (71) CHEVRON U.S.A. INC. [US/US]; 6001 Bollinger Canyon Road, Building T - 3rd Floor, San Ramon, CA 94583 (US).
- (72) TIMKEN, Hye, Kyung, C.; 710 Pomona Avenue, Albany, CA 94706 (US).
- (74) ROTH, Steven, H. et al. / etc.; ChevronTexaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM
- (25) en (26) en
- (30) 10/292,328 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • APPARATUS AND METHOD FOR REDUCING POWER CONSUMPTION OF A PLASMA FUEL REFORMER
- APPAREIL ET PROCEDE PERMETTANT DE REDUIRE LA CONSOMMATION D'ENERGIE D'UN REFORMEUR DE COMBUSTIBLE AU PLASMA
- (71) ARVIN TECHNOLOGIES, INC. [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).
- (72) SMALING, Rudolf, M.; 3 Mudge Way, Bedford, MA 01730 (US). DANIEL, Michael, J.; 110 E. Washington Street, Suite 802, Indianapolis, IN 46204 (US). BAUER, Shawn, D.; 4817 Graceland Avenue, Indianapolis, IN 46208 (US).
- (74) BAUER, Shawn, D.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 B01J 23/10, 23/52, 23/42, C01B 3/16, 3/32
- (11) WO 2004/043591 (13) A1
- (21) PCT/US2003/035562
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 60/424,597 7 Nov/nov 2002 US (07.11.2002)
- (30) 60/484,525 2 Jul/juillet 2003 US (02.07.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CATALYST HAVING METAL IN REDUCED QUANTITY AND REDUCED CLUSTER SIZE
- CATALYSEUR PRESENTANT UNE QUANTITE DE METAL ET UNE TAILLE DE L'AGGLOMERAT REDUITES
- (71) TUFTS UNIVERSITY [US/US]; Tufts University, Ballou Hall, Medford, MA 02155 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FLYTZANI-STEPHANOPOULOS, Maria [US/US]; 4 Russet Lane, Winchester, MA 01890 (US). SALTSBURG, Howard [US/US]; 22 Frederick Street, Newton, MA 02460 (US). FU, Qi [US/CN]; 17 Benton Road, Medford, MA 02155 (US).
- (74) MILSTEIN, Joseph; 101 South Salina Street, 4th Floor, Syracuse, NY 13202 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B01J 23/656, 23/68, C07D 307/08, 315/00
- (11) WO 2004/043592 (13) A1
- (21) PCT/EP2003/012379
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) de (26) de
- (30) 102 52 281.2 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SUPPORTED CATALYST CONTAINING RHENIUM AND METHOD FOR HYDROGENATION OF CARBONYL COMPOUNDS IN LIQUID PHASE BY MEANS OF SAID CATALYST

• CATALYSEUR SUPPORTE CONTENANT DU RHENIUM ET PROCÉDE D'HYDROGENATION DE COMPOSES CARBONYLES EN PHASE LIQUIDE AU MOYEN DUDIT CATALYSEUR

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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

(72, 75) SCHUBERT, Markus [DE/DE]; Alwin-Mittasch-Platz 11, 67063 Ludwigshafen (DE). HESSE, Michael [DE/DE]; Weinbittstr.10, 67549 Worms (DE). FISCHER, Rolf-Hartmuth [DE/DE]; Bergstr.98, 69121 Heidelberg (DE). CONSTANTINESCU, Take [DE/DE]; Trübnerstr. 22, 69121 Heidelberg (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 LUDWIGSHAFEN (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B01J 29/06, C07C 2/86

(11) WO 2004/043593 (13) A1

(21) PCT/US2003/032858

(22) 17 Oct/oct 2003 (17.10.2003)

(25) en (26) en

(30) 10/294,427 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PARA-XYLENE PRODUCTION PROCESS EMPLOYING IN-SITU CATALYST SELECTIVATION

• PROCÉDE DE PRODUCTION DE PARA-XYLENE METTANT EN ŒUVRE UNE METHODE DE SELECTION IN SITU D'UN CATALYSEUR

(71) EXXONMOBIL CHEMICAL PATENTS INC. [US/US]; A Corporation of the State of Delaware, 5200 Bayway Drive, Baytown, TX 77520 (US).

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

(72, 75) OU, John, D., Y. [US/US]; 15415 Bay Green Court, Houston, TX 77059 (US). HONG, Zongxuan [US/US]; 4043 Elm Crest Trail, Houston, TX 77059 (US). TAN, Songsheng [US/US]; 3102 East Heatherock Circle, Sugarland, TX 77479 (US). MCMINN, Timothy, E. [US/US]; 1625 Sutton, Houston, TX 77006 (US).

(74) SHERER, Edward, F.; 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 NI NO NZ OM PG PH PL PT RO RU SC 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 :

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO 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 B01J 29/40, 29/44, 29/70, 29/74, C10G 45/60, 45/62, 45/64

(11) WO 2004/043594 (13) A1

(21) PCT/US2002/036522

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR IMPROVING BASES-TOCK LOW TEMPERATURE PERFORMANCE USING A COMBINATION CATALYST SYSTEM

• PROCÉDE D'AMÉLIORATION DES PERFORMANCES A BASSE TEMPERATURE D'UNE HUILE DE BASE AU MOYEN D'UN SYSTEME CATALYSEUR COMBINE

(63) US 09/601,552 (CIP) 16 Nov/nov 2000 (16.11.2000)

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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

(72, 75) MURPHY, William, J. [CA/US]; 16445 Coliseum Avenue, Baton Rouge, LA 70816 (US). CODY, Ian, A. [CA/US]; 7942C Wrenwood Boulevard, Baton Rouge, LA 70809 (US). WITTENBRINK, Robert, J. [US/US]; 6018 Riverchase Trail, Kingwood, TX 77345816 (US). SOLED, Stuart, L. [US/US]; 21 Cooks Cross Road, Pittstown, NJ 08867 (US). MCVICKER, Gary, B. [US/US]; 65 Main Street, P.O. Box 427, Califon, NJ 07830 (US). HANTZER, Sylvain, S. [FR/US]; 37620 Seven Oaks Avenue, Prairieville, LA 70769 (US). LINEK, Sandra, J. [CA/US]; 11 Alexandria Drive, East Hanover, NJ 07936 (US).

(74) HUGHES, Gerard, J. et al. / etc.; Exxon-Mobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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

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

Published / Publiée : (a)

(51)⁷ B01J 33/00, 23/42, 23/44

(11) WO 2004/043595 (13) A1

(21) PCT/SE2003/001737

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0203317-3 11 Nov/nov 2002 SE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A CATALYST FOR CATALYTIC OXIDATION OF HYDROCARBONS

• CATALYSEUR DESTINE A UNE OXYDATION CATALYTIQUE D'HYDROCARBURES

(71) PERSTORP FORMOX AB [SE/SE]; S-284 80 Perstorp (SE).

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

(72, 75) AUGUSTSSON, Ola [SE/SE]; Skogsgatan 3, S-352 35 Växjö (SE). CRUISE, Neil [—/—]; Dalsgårdsvägen 26, S-262 70 Strövelstorp (SE). SANATI, Mehri [—/—]; Södrabogränd 7G, S-351 52 Växjö (SE). KHASHAYAR, Badii [—/—]; Bioenergy Technology, University of Växjö, S-351 95 Växjö (SE).

(74) STENBERG, Yngve; c/o Perstorp AB, S-284 80 Perstorp (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 35/10, 35/02, 23/75, C07C 1/04

(11) WO 2004/043596 (13) A2

(21) PCT/GB2003/004873

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

- (30) 0226514.8 **13 Nov/nov 2002** GB
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FISCHER-TROPSCH CATALYSTS
• CATALYSEUR FISCHER-TROPSCH
- (71) STATOIL ASA [NO/NO]; N-4035 Stavanger (NO). PETROSA [ZA/ZA]; 2 Portwood Square, Dock Road V & A Waterfront, Waterfront, Cape Town 8001, Private Bag X1, Waterfront 8002 (ZA).
(for all designated States except / pour tous les États désignés sauf US)
- (71) REES, David, Christopher [GB/GB]; c/o Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).
(only for / seulement pour IS)
- (72, 75) RYTTER, Erling [NO/NO]; Steinasen 19, N-7049 Trondheim (NO). ERI, Sigrid [NO/NO]; Markaplassen 19, N-7054 Ranheim (NO). SCHANKE, Dag [NO/NO]; Nordslettveien 49, N-7038 Trondheim (NO).
- (74) REES, David, Christopher 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B01J 021/12
- (11) WO 2004/043597 (13) A1
- (21) PCT/US2003/035127
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) en (26) en
- (30) 10/291,114 **8 Nov/nov 2002** US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR PREPARING A HIGHLY HOMOGENEOUS AMORPHOUS SILICA-ALUMINA COMPOSITION
• PROCEDE DE PREPARATION D'UNE COMPOSITION FORTEMENT HOMOGENE DE SILICE/ALUMINE AMORPHE
- (71) CHEVRON U.S.A. INC. [US/US]; 6001 Bollinger Canyon Road, Building T, 3th Floor, San Ramon, CA 94583 (US).
- (72) TIMKEN, Hye, Kyung, C.; 710 Pomona Avenue, Albany, CA 94706 (US).
- (74) ROTH, Steven, H. et al. / etc.; ChevronTexaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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.

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

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

Published / Publiée : (c)

(51)⁷ B01L 3/00, B81B 1/00

(11) WO 2004/043598 (13) A1

(21) PCT/GB2003/004976

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226691.4 **14 Nov/nov 2002** GB
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MICROFLUIDIC DEVICE & METHODS FOR CONSTRUCTION & APPLICATION
• DISPOSITIF MICROFLUIDIQUE ET PROCEDES D'ELABORATION ET D'APPLICATION

(71) UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED [GB/GB]; 55 Park Place, Cardiff CF10 3AT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARROW, David, Anthony [GB/GB]; 61 Lake Road West, Roath Park, Cardiff CF23 5PH (GB). HARRIES, Nicola [GB/GB]; 13 Cae Mawr Road, Rhiwbina, Cardiff CF14 6NX (GB). JONES, Tyrone, Gwyn [GB/GB]; 5 Lansbury Avenue, Cefn Hengoed, Hengoed, Mid Glamorgan, CF82 7HA (GB). BOURIS, Kostas [—/—]; 17 Cressfield Drive, Pontprennau, Cardiff, CF23 8NT (GB).

(74) GIBSON, Stewart, Harry; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B01L 3/00

(11) WO 2004/043599 (13) A1

(21) PCT/US2003/028278

(22) 9 Sep/sep 2003 (09.09.2003)

(25) en (26) en

(30) 60/425,649 **12 Nov/nov 2002** US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EVAPORATION CONTROL DEVICE FOR MULTIWELL PLATES
• DISPOSITIF DE REGULATION DE L'EVAPORATION POUR PLAQUES A MULTIPUITS

(71) MILLIPORE CORPORATION [US/US]; John Dana Hubbard, 290 Concord Road, Billerica, MA 01821 (US).

(72) WEISS, Alan; 25 Stoneymeade Way, Acton, MA 01720 (US). OLIVIER, Stephane; 11 chemin due Rosenmeer, F-67560 Rosheim (FR). LYNCH, John; 2 Peach Avenue, Billerica, MA 01821 (US). DESILETS, Kenneth; 21 Colonial Drive, Westford, MA 01886 (US).

(74) MILLIPORE CORPORATION; John Dana Hubbard, 290 Concord Road, Billerica, MA 01821 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 B01L 3/02

(11) WO 2004/043600 (13) A1

(21) PCT/SE2003/001228

(22) 18 Jul/juil 2003 (18.07.2003)

(25) sv (26) en

(30) 0203366-0 **14 Nov/nov 2002** SE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A PIPETTE DEVICE
• DISPOSITIF DE PIPETTE

(71) MAGNETIC BIOSOLUTIONS SWEDEN AB [SE/SE]; P.O. Box 70036, S-100 44 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANDBERG, Märten [SE/SE]; Bäckbrännarbacken 7, S-116 35 Stockholm (SE).

(74) SUNDSTRÖM, Per et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S-116 91 Stockholm (SE).

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

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

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

Declarations / Déclarations :

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

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 B01L 3/14

(11) WO 2004/043601 (13) A1

(21) PCT/US2003/035682

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,926 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TEST TUBE WITH INSERT

• TUBE A ESSAI AVEC ACCESSOIRE
INTERIEUR

(71) DIASYS CORPORATION [US/US]; 81
West Main Street, Waterbury, CT 06702-2115
(US).

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les États désignés sauf US)

(72, 75) LISEO, John [US/US]; 43 Hillside
Road, Cromwell, CT 06416 (US). HAW-
LEY, Richard, H. [US/US]; 141 Bradford
Road, Torrington, CT 06790 (US). DEMAT-
TEO, Todd [US/US]; 2 Mountain Spring
Road, Farmington, CT 06032 (US).

(74) LEONARDO, Mark, S. et al. / etc.; Brown
Rudnick Berlack Israels, LLP, One Financial
Center, Boston, MA 02111 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ B02B 7/02, 3/04

(11) WO 2004/043602 (13) A1

(21) PCT/CH2003/000668

(22) 14 Oct/oct 2003 (14.10.2003)

(25) de (26) de

(30) 102 53 099.8 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM FOR DEHULLING BY
CYLINDERS PROVIDED WITH A
PNEUMATIC CONVEYOR

• SYSTEME DE DECORTICAGE A CY-
LINDRES MUNI D'UN TRANSPOR-
TEUR PNEUMATIQUE

(71) BÜHLER AG [CH/CH]; Bahnhofstrasse,
CH-9240 Uzwil (CH).

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

(72, 75) GÖRLITZ, Frank-Otto [DE/DE]; Ol-
brichtstrasse 16, 38116 Braunschweig (DE).

(74) BÜHLER AG; Bahnhofstrasse, CH-9240
Uzwil (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 NI NO NZ OM PG PH PL PT
RO RU SC 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)

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

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

(t) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ B03C 3/45, 3/41, 3/06

(11) WO 2004/043603 (13) A1

(21) PCT/GB2003/004886

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0226240.0 11 Nov/nov 2002 GB
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN ELECTROSTATIC PRECIPITATOR

• PRECIPITATEUR ELECTROSTATIQUE

(71) THE SECRETARY OF STATE FOR DE-
FENCE [GB/GB]; DSTL, Porton Down, Sal-
isbury, Wiltshire SP4 0JQ (GB).

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

(72, 75) CLARK, James, McDonald [GB/GB];
DSTL, Porton Down, Salisbury, Wiltshire
SP4 0JQ (GB). FOAT, Timothy, Graham
[GB/GB]; DSTL, Porton Down, Salisbury,
Wiltshire SP4 0JQ (GB). WALKER, Mau-
rice, Daverell [GB/GB]; DSTL, Porton
Down, Salisbury, Wiltshire SP4 0JQ (GB).
PRESTON, Stephen, Ray [GB/GB]; DSTL,
Porton Down, Salisbury, Wiltshire SP4 0JQ
(GB).

(74) BECKHAM, Robert, William; D/IPR
Formalities Section, Poplar 2, MOD Abbey
Wood#2218, Bristol BS34 8JH (GB).

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

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

(51)⁷ B03D 1/14

(11) WO 2004/043604 (13) A1

(21) PCT/FI2003/000841

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/293,406 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SEPARATION DEVICE FOR A FLOTA-
TION MACHINE

• DISPOSITIF DE SEPARATION POUR
UNE MACHINE DE FLOTTATION

(71) OUTOKUMPU OYJ [FI/FI]; Riihitontuntie
7, FIN-02200 Espoo (FI).

(72) KUJAWA, Christian; 2578 W. Foothills
Canyon Ct., Highlands Ranch, CO 80129
(US).

(74) **OUTOKUMPU OYJ**; Intellectual Property Management, P.O. Box 27, FIN-02201 Espoo (FI).

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ **B03D 1/20, 1/16**

(11) **WO 2004/043605** (13) A1

(21) PCT/FI2003/000843

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 10/293,404 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **FLOTATION MACHINE**

• **MACHINE DE FLOTTATION**

(71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).

(72) **KUJAWA, Christian**; 2578 W. Foothills Canyon Ct., Highlands Ranch, CO 80129 (US).

(74) **OUTOKUMPU OYJ**; Intellectual Property Management, P.O. Box 27, FIN-02201 Espoo (FI).

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

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ **B04B**

(11) **WO 2004/043606** (13) A2

(21) PCT/US2003/036004

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/293,727 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **ORGANIC RANKINE CYCLE WASTE HEAT APPLICATIONS**

• **APPLICATIONS RELATIVES A LA CHALEUR PERDUE EN CYCLE DE RANKINE A CALOPORTEUR ORGANIQUE**

(71) **CARRIER CORPORATION** [US/US]; Intellectual Property Department, Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(72) **BRASZ, Joost, J.**; 1 Landgrove Drive, Fayetteville, NY 13066 (US). **BIEDERMAN, Bruce, P.**; 20 High Street, West Hartford, CT 06119 (US).

(74) **BIGELOW, Dana, F.**; Wall Marjama & Bilinski LLP, 101 South Salina Street, 4th Floor, Syracuse, NY 13202 (US).

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

(51)⁷ **B04B**

(11) **WO 2004/043607** (13) A2

(21) PCT/US2003/036006

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/293,709 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **POWER GENERATION WITH A CENTRIFUGAL COMPRESSOR**

• **PRODUCTION D'ENERGIE PAR COMPRESSEUR CENTRIFUGE**

(71) **CARRIER CORPORATION** [US/US]; Intellectual Property Department, Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(72) **BRASZ, Joost, J.**; 1 Landgrove Drive, Fayetteville, NY 13066 (US). **BIEDERMAN, Bruce, P.**; 20 High Street, West Hartford, CT 06119 (US).

(74) **BIGELOW, Dana, F.**; Wall Marjama & Bilinski LLP, 101 South Salina Street, 4th Floor, Syracuse, NY 13202 (US).

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

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

(51)⁷ **B05B 1/02, 9/04, B65D 83/14**

(11) **WO 2004/043608** (13) A1

(21) PCT/JP2003/014477

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) ja (26) ja

(30) 2002-330504 **14 Nov/nov 2002 (14.11.2002)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • **JET BUTTON FOR AEROSOL CONTAINER**

• **BOUTON DE PRODUCTION DE JET POUR UN RECIPIENT CONTENANT UN AEROSOL**

(71) **UNILEVER NAAMLOZE VENNOOTSCHAP** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL). **TOYO AEROSOL KOGYO KABUSHIKI KAISHA** [JP/JP]; 3-1, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAKUBO, Yuji** [JP/JP]; c/o Nippon Lever K.K., 38, Hagadai, Haga-machi, Haga-gun, Tochigi 321-3325 (JP). **ICHIKAWA, Koya** [JP/JP]; c/o Nippon Lever K.K., 38, Hagadai, Haga-machi, Haga-gun, Tochigi 321-3325 (JP). **WATANABE, Shinobu** [JP/JP]; 2-C, Akebonodai-jyutaku, 1-7-4, Kosenba-cho, Kawagoe-shi, Saitama 350-0036 (JP). **AKAO, Ryosuke** [JP/JP]; 2-4-12, Minamidai, Kawagoe-shi, Saitama 350-1165 (JP).

(74) **SAKAMOTO, Tohru et al.** / etc.; Sakamoto Harada Tokkyo Jimusho Doho Building, 18-6, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ **B05B 1/34**

(11) **WO 2004/043609** (13) A1

(21) PCT/US2003/034552

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

(25) en (26) en

(30) 10/294,342 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **IMPROVED ATOMIZING NOZZLE AND METHOD FOR MANUFACTURE THEREOF**

- BUSE DE PULVERISATION AMELIO-
REE ET SON PROCEDE DE FABRICA-
TION
- (63) US 10/294,342 (CON)
12 Nov/nov 2002 (12.11.2002)
- (71, 72) **PALESTRANT, Nathan** [US/US]; 5120
North 79th Place, Scottsdale, AZ 85250 (US).
- (74) **MESCHKOW, Jordan, M.**; Meschkow &
Gresham, P.L.C., 5727 North Seventh Street,
Suite 409, Phoenix, AZ 85014-5818 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

- (51)⁷ **B05B 11/00, B65D 47/34**
- (11) **WO 2004/043610** (13) A1
- (21) PCT/JP2003/014205
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) ja (26) ja
- (30) 2002-330475 **14 Nov/nov 2002 JP**
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PUMP UNIT AND CONTAINER
• UNITE DE POMPE ET RECIPIENT
- (71) **ADVANEX INC.** [JP/JP]; 1-1, Tabata
6-chome, Kita-ku, Tokyo 114-8581 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **MIZUOCHI, Akira** [JP/JP]; c/o Ad-
vanex Inc., 1-1, Tabata 6-chome, Kita-ku,
Tokyo 114-8581 (JP). **CHIKASHIGE,**
Kiyoshi [JP/JP]; c/o Advanex Inc., 1-1,
Tabata 6-chome, Kita-ku, Tokyo 114-8581
(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 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 **B05B 11/00, F16L 33/035, 33/22**(11) **WO 2004/043611** (13) A1

(21) PCT/US2003/033504

- (22) **23 Oct/oct 2003 (23.10.2003)**
- (25) en (26) en
- (30) 60/424,688 **8 Nov/nov 2002 US**
(08.11.2002)
- (30) 10/653,964 **4 Sep/sep 2003 US**
(04.09.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FLEXIBLE SUPPLY TUBE WITH
WEIGHTING MECHANISM FOR USE
IN SPRAY BOTTLES
• TUBE D'ALIMENTATION FLEXIBLE
POUR VU D'UN MECANISME DE LES-
TAGE ET UTILISABLE DANS DES
FLACONS PULVERISATEURS
- (71) **S. C. JOHNSON & SON, INC.** [US/US];
1525 Howe Street, Racine, WI 53403 (US).
- (72) **HARRITY, Kevin**; 10350 South Mock-
ingbird Lane, Oak Creek, WI 53154 (US).
BARTLETT, Timothy, R.; 4601 Spring
Street, Racine, WI 53405 (US). **DRISKELL,**
William, L.; 607 SE Adobe Drive, Lee's
Summit, MO 64063 (US).
- (74) **MEIER, Linda, Blair**; S. C. JOHNSON &
SON, INC., 1525 Howe Street, Racine, WI
53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC 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 **B05B 13/04, A01K 45/00, A61D 7/00, 1/02**
- (11) **WO 2004/043612** (13) A1
- (21) PCT/US2003/035732
- (22) **10 Nov/nov 2003 (10.11.2003)**
- (25) en (26) en
- (30) 60/425,987 **13 Nov/nov 2002 US**
(13.11.2002)
- (30) 10/350,557 **24 Jan/jan 2003 US**
(24.01.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • VACCINE SPRAY SYSTEM
• SYSTEME VACCINAL SOUS FORME
DE JET
- (71) **MERIAL LIMITED** [US/US]; 3239 Satel-
lite Blvd., Duluth, GA 30096 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **JOHNSTON, Joseph, H., JR.** [US/US];
5472 Concord Circle, Gainesville, GA 30507
(US).
- (74) **JARECKI-BLACK, Judy, C.**; 3239 Satel-
lite Blvd., Duluth, GA 30096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN

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

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

(51)⁷ **B05C**(11) **WO 2004/043613** (13) A2

(21) PCT/US2003/035300

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

(25) en (26) en

(30) 10/293,692 **13 Nov/nov 2002 US**
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISPENSER ASSEMBLY FOR
A FRAGRANCE OR PERSONAL
CARE BOTTLE AND A
METHOD OF ASSEMBLING
SAME

• ASSEMBLAGE DE DISTRIBUTEUR
POUR UNE BOUTEILLE DE FRA-
GRANCE OU DE SOIN PERSONNEL,
ET PROCEDE D'ASSEMBLAGE AS-
SOCIE

(71) **EMSAR, INCORPORATED** [US/US]; 125
Access Road, Stratford, CT 06615 (US).(72) **ACKERMANN, Walter, T.**; 159 Fern Hill
Road, Watertown, CT 06795 (US).(74) **SCHAIER, Arthur, G.**; Carmody & Tor-
rance LLP, 50 Leavenworth Street, P.O. Box
1110, Waterbury, CT 06721-0110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 **B05D 1/02, 3/06, C08J 7/04**(11) **WO 2004/043614** (13) A1

(21) PCT/US2003/034443

(22) **29 Oct/oct 2003 (29.10.2003)**

(25) en (26) en

(30) 10/289,986 **7 Nov/nov 2002 US**
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHEMICAL FUNCTIONALIZATION
OF MATERIAL SURFACES USING OP-
TICAL ENERGY AND CHEMICALS

• FONCTIONNALISATION CHIMIQUE
DE SURFACE DE MATERIAUX AU
MOYEN D'ENERGIE OPTIQUE ET
D'AGENTS CHIMIQUES

(71) **MICHIGAN STATE UNIVERSITY** [US/US]; 238 Administration Building, East Lansing, MI 48824 (US).

(72) **DRZAL, Lawrence, T.**; 1931 Atherton Way, Okemos, MI 48864 (US). **TUMMALA, Praveen**; 4632 S. Hagadorn Road #C23, East Lansing, MI 48823 (US).

(74) **MCLEOD, Ian, C.**; McLeods & Moyne, P.C., 2190 Commons Parkway, Okemos, MI 48864 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 **B05D 3/02, C08G 59/30, C09D 163/00**

(11) **WO 2004/043615** (13) A1

(21) PCT/US2003/034759

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 10/288,774 **6 Nov/nov 2002 (06.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • CORROSION AND ALKALI-RESISTANT COMPOSITIONS AND METHODS FOR USING THE SAME

• COMPOSITIONS RESISTANT A LA CORROSION ET AUX SUBSTANCES ALCALINES ET PROCÉDES D'UTILISATION ASSOCIÉS

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **PAWLIK, Michael, J.**; 400 Vilsack Road, Glenshaw, PA 15116 (US). **JONES, Dennis, W.**; 114 Wetzel Road, Glenshaw, PA 15116 (US). **GRAY, Ralph, C.**; 137 West Cruikshank Road, Butler, PA 16001 (US). **NUGENT, Richard, M., Jr.**; 2949 Elsiton Lane, Allison Park, PA 15101 (US). **LE DISERT, Yves**; 8, square Watteau, F-59880 Saint Saulve (FR). **DERRONE, Laurent**; 214 Rue des Billes, F-59213 Vendegies sur Ecaillon (FR).

(74) **MEYERS, Diane, R.** et al. / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).

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

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

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

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(51)⁷ **B05D 3/02, 7/00, F26B 3/28**

(11) **WO 2004/043616** (13) A1

(21) PCT/US2003/036024

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/294,954 **14 Nov/nov 2002 (14.11.2002)** US

(30) 10/653,335 **2 Sep/sep 2003 (02.09.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTI-STAGE PROCESSES FOR COATING SUBSTRATES WITH MULTI-COMPONENT COMPOSITE COATING COMPOSITIONS

• PROCESSUS MULTI-ETAPES PERMETTANT D'APPLIQUER DES COMPOSITIONS DE REVETEMENT COMPOSITES A PLUSIEURS COMPOSANTS SUR DES SUBSTRATS

(71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) **EMCH, Donaldson J.**; 10216 Mill Pointe Drive, Goodrich, MI 48438 (US).

(74) **UHL, William J.** et al. / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).

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

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

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(51)⁷ **B06B 1/06**

(11) **WO 2004/043617** (13) A1

(21) PCT/JP2003/014186

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) ja (26) ja

(30) 2002-328147 **12 Nov/nov 2002 (12.11.2002)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • PIEZOELECTRIC VIBRATOR, PRODUCTION METHOD THEREFOR, AND EQUIPMENT PROVIDED WITH THIS PIEZOELECTRIC VIBRATOR

• VIBRATEUR PIEZOELECTRIQUE, PROCÉDE DE PRODUCTION ASSOCIÉ, ET ÉQUIPEMENT POURVU D'UN TEL VIBRATEUR PIEZOELECTRIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(72) **SAWADA, Akihiro**; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **AKAHANE, Hidehiro**; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **NAGAHAMA, Reiko**; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **KINOSHITA, Jitsuzo** et al. / etc.; 3rd floor, Ogikubo TM building, 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).

(81) CN 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 **B06B 3/00**

(11) **WO 2004/043618** (13) A1

(21) PCT/US2003/017145

(22) **29 May/mai 2003 (29.05.2003)**

(25) en (26) en

(30) 10/294,162 **14 Nov/nov 2002 (14.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • ULTRASONIC HORN ASSEMBLY WITH FUSED STACK COMPONENTS

• ULTRASONIC HORN ASSEMBLY WITH FUSED STACK COMPONENTS

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) **STEGELMANN, Norman, R.**; 1337 S. Buchanan Street, Appleton, WI 54915 (US).

(74) **FLEISCHUT, Paul, I. J.** et al. / etc.; SEN-NIGER, POWERS, LEAVITT & ROEDEL, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

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

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

(51)⁷ **B08B 1/00, 11/00, G02B 6/38**

(11) **WO 2004/043619** (13) A1

(21) PCT/US2003/028531

(22) **11 Sep/sep 2003 (11.09.2003)**

(25) en (26) en

(30) 60/424,534 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • CLEANING DEVICE FOR FIBER OPTIC CONNECTORS

- DISPOSITIF DE NETTOYAGE POUR CONNECTEURS DE FIBRES OPTIQUES

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **COX, Larry, R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **FLORCZAK, Yen, T. et al.** / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

(t) for all designations / pour toutes les désignations

(51)⁷ **B08B 9/027, C23C 2/38, 18/31, C23G 3/04**

(11) **WO 2004/043620** (13) A1

(21) PCT/FI2003/000844

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 20022025 **14 Nov/nov 2002** FI
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ARRANGEMENT FOR TREATING THE INNER SURFACE OF A METAL TUBE

- ENSEMBLE SERVANT A TRAITER LA SURFACE INTERNE D'UN TUBE METALLIQUE

(71) **OUTOKUMPU OYJ** [FI/FI]; Riikhitontuntie 7, FIN-02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALMINEN, Aleks** [FI/FI]; Riukuaidantie 3, FIN-28800 Pori (FI).

(74) **OUTOKUMPU OYJ, INTELLECTUAL PROPERTY MANAGEMENT**; P.O. Box 27, FIN-02201 Espoo (FI).

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

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 **B21C 3/12, 1/00**

(11) **WO 2004/043621** (13) A1

(21) PCT/EP2003/011756

(22) **23 Oct/oct 2003 (23.10.2003)**

(25) de (26) de

(30) 102 53 346.6 **14 Nov/nov 2002** DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR THE PRODUCTION OF SEMIFINISHED WIRE

- DISPOSITIF DE PRODUCTION D'UN FIL SEMI-FINI

(71) **VACUUMSCHMELZE GMBH & CO. KG** [DE/DE]; Grüner Weg 37, 63450 Hanau (DE).

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

(72, 75) **SCHMATLOCH, Elmar** [DE/DE]; Max-Planck-Strasse 2, 63579 Freigericht-Somborn (DE).

(74) **SCHMUCKERMAIER, Bernhard**; Westphal, Musgnug & Partner, Mozartstrasse 8, 80336 München (DE).

(81) GB JP US.

(51)⁷ **B21D 26/02**

(11) **WO 2004/043622** (13) A1

(21) PCT/US2003/035843

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,273 **12 Nov/nov 2002** US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HYDROFORMING APPARATUS AND METHOD OF ASSEMBLING SAME

- APPAREIL D'HYDROFORMAGE ET PROCÉDE D'ASSEMBLAGE DE CET APPAREIL

(71) **COSMA INTERNATIONAL** [US/US]; 1807 E. Maple, Troy, MI 48083 (US).

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

(72, 75) **DICESARE, John** [CA/CA]; 14 Crest Haven Street, Kitchner, Ontario N2P 2L6 (CA).

(74) **ASHER, Robin, W. et al.** / etc.; Clark Hill PLC, 500 Woodward Avenue, Suite 3500, Detroit, MI 48226-3435 (US).

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

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

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(51)⁷ **B21D 26/02, 28/28**

(11) **WO 2004/043623** (13) A1

(21) PCT/US2003/036105

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,254 **12 Nov/nov 2002** US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF FORMING HYDROFORMED MEMBER WITH OPENING

- PROCÉDE DE REALISATION D'ARTICLE HYDROFORME AVEC OUVERTURE

(71) **COSMA INTERNATIONAL** [US/US]; 1807 E. Maple, Troy, MI 48083 (US).

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

(72, 75) **DICESARE, John** [CA/CA]; 14 Crest Haven Street, Kitchner, Ontario N2P 2L6 (CA).

(74) **ASHER, Robin, W.**; Clark Hill PLC, 500 Woodward Avenue, Suite 3500, Detroit, MI 48226-3435 (US).

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

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

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(51)⁷ **B21J**

(11) **WO 2004/043624** (13) A2

(21) PCT/US2003/035039

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/291,361 **12 Nov/nov 2002** US
(12.11.2002)

(30) 10/700,502 **5 Nov/nov 2003** US
(05.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COLD FORGING APPARATUS AND METHOD FOR FORMING COMPLEX ARTICLES

• APPAREIL DE FORGEAGE A FROID ET PROCEDE DE FORMAGE D'ARTICLES COMPLEXES

(71, 72) TRAVIS, Ray [US/US]; 321 North Lake Road, Stevensville, MD 21638 (US).
STONE, Paul [US/US]; 2807 Godfrey Road, Glen Rock, PA 17327 (US).

(74) DOUGHERTY, David, E. et al. / etc.; Denison, Schultz, Dougherty & MacDonald, 1727 King Street, Suite 105, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B21J 9/08, 5/08, 1/06

(11) WO 2004/043625 (13) A1

(21) PCT/JP2003/013250

(22) 16 Oct/oct 2003 (16.10.2003)

(25) ja (26) ja

(30) 2002-331223 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRIC UPSETTER

• MACHINE A REFOULER ELECTRIQUE

(71) NITTAN VALVE CO., LTD. [JP/JP]; 518, Soya, Hadano-shi, Kanagawa 257-0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOIZUMI, Shinichi [JP/JP]; c/o Nittan Valve Co., Ltd., 518, Soya, Hadano-shi, Kanagawa 257-0031 (JP).

(74) YAGI, Hidehito et al. / etc.; Aoba International Patent Office, Daiichi-Okouchi Bldg. 6F, 1-10-6, Kaji-cho, Chiyoda-ku, Tokyo 101-0044 (JP).

(81) CN ID IN KR PH US VN.

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

(51)⁷ B21K 1/68, 21/00, B21J 9/02, B21K 27/04

(11) WO 2004/043626 (13) A1

(21) PCT/IT2003/000106

(22) 26 Feb/fév 2003 (26.02.2003)

(25) it (26) en

(30) VR2002A000118 12 Nov/nov 2002 IT (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS FOR THE COLD EXTRUSION OF METALLIC ELEMENTS WITH DEAD OR THROUGH HOLES AND PLANT FOR CARRYING OUT SAID METHODS

• PROCEDES D'EXTRUSION A FROID SUR DES PRESSES HYDRAULIQUES D'ELEMENTS METALLIQUES A CULOTS OU ORIFICES TRAVERSANTS, ET INSTALLATION PERMETTANT LA MISE EN OEUVRE DESDITS PROCEDES

(71) AMAFA SERVICE SRL. [IT/IT]; Via Lazaretti, 2/a, I-42100 Reggio Emilia (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VESCOVINI, Alessandro [IT/IT]; Via dei Bagni, 26, I-34074 Monfalcone (GO) (IT).

(74) SANDRI, Sandro; Europatent - Euromark S.r.l., Via Locatelli, 20, I-37122 Verona (IT).

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

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

(51)⁷ B22C 1/00, 9/08

(11) WO 2004/043627 (13) A1

(21) PCT/JP2003/014314

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-329787 13 Nov/nov 2002 JP (13.11.2002)

(30) 2003-379397 10 Nov/nov 2003 JP (10.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEMBER FOR PRODUCING CASTINGS

• ELEMENT DE FABRICATION D'UN MOULAGE

(71) KAO CORPORATION [JP/JP]; 14-10, Nihonbashi Kayaba-cho, 1-chome, Chuo-ku, Tokyo 103-8210 (JP).

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

(72, 75) TSUURA, Tokuo [JP/JP]; c/o Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP). KOBAYASHI, Hiroaki [JP/JP]; c/o Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP). TAKAGI, Yoshimasa [JP/JP]; c/o Kao Corporation, Research Laboratories, 2606, Akabane, Ichikai-machi, Haga-gun, Tochigi 321-3497 (JP). NAKAI, Shigeo [JP/JP]; c/o Kao Corporation, Research Laboratories, 4-51, Akemi-cho, Toyohashi-shi, Aichi 441-8074 (JP). SONO, Tokihito [JP/JP]; c/o Kao Corporation, Research Laboratories, 2-1-3, Bunka, Sumida-ku, Tokyo 131-0044 (JP).

(74) HATORI, Osamu et al. / etc.; Akasaka HKN Bldg. 6F, 8-6, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

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

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

(51)⁷ B22D 11/041, 11/055

(11) WO 2004/043628 (13) A1

(21) PCT/EP2003/010861

(22) 1 Oct/oct 2003 (01.10.2003)

(25) de (26) de

(30) 102 52 723.7 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTINUOUS CASTING MOLD FOR CASTING MOLTEN METALS, PARTICULARLY STEEL MATERIALS, AT HIGH CASTING RATES TO FORM POLYGONAL BILLET, BLOOM, AND PRELIMINARY SECTION CASTINGS AND THE LIKE

• COQUILLE DE COULEE CONTINUE DESTINEE A LA COULEE DE METAUX LIQUIDES, NOTAMMENT DE MATERIAUX D'ACIER, A DES VITESSES DE COULEE ELEVEES, SOUS FORME DE BARRES DE COULEE POLYGONALES EN BILLETTE, EN BLOOM OU EN EBAUCHE

(71) SMS DEMAG AKTIENGESELLSCHAFT [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAJBER, Adolf, Gustav [DE/DE]; Gartenstrasse 7, 40764 Langenfeld (DE). LETZEL, Dirk [DE/DE]; Plättchesheide 5, 40878 Ratingen (DE). KOCKENTIEDT, Josef [DE/DE]; Am Geistfeld 57, 47239 Duisburg (DE). PLOCIENNIK, Uwe [DE/DE]; Noldenkothen 21, 40882 Ratingen (DE).

(74) VALENTIN, Ekkehard; Valentin, Gihlske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B22D 17/12, 27/02

(11) WO 2004/043629 (13) A1

(21) PCT/US2003/034056

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 10/293,778 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTROMAGNETIC DIE CASTING
• MOULAGE SOUS PRESSION ELECTROMAGNETIQUE

(71, 72) WANG, Shaupoh [CN/US]; 104 Brighthursh Drive, Chesterfield, MO 63005 (US).

(74) DENK, Paul, M.; Paul M. Denk Law firm, 763 S. New Ballas Road, Suite 170, St. Louis, MO 63141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B22D 19/14, C04B 14/32

(11) WO 2004/043630 (13) A2

(21) PCT/US2003/033229

(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

(30) 10/292,099 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR CASTING COARSE GRAIN SILICONIZED SILICON CARBIDE PARTS
• PROCEDE ET APPAREIL DE COULEE DE PIECES EN CARBURE DE SILICIUM SILICONEE A GRAINS GROSSIERS

(71) SAINT-GOBAIN CERAMICS AND PLASTICS, INC. [US/US]; 1 New Bond Street, Worcester, MA 01615 (US).

(72) MOORE, Joseph, M.; 69 Hillside Avenue, Webster, MA 01570 (US). PAILLE, Norman, I., Jr.; 67 Old Worcester Road, Oxford, MA 01540 (US).

(74) CROSBY, Mike, W. et al. / etc.; 1 New Bond Street, Box Number 15138, 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 NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/09, 41/005, 17/00, C22C 21/00, 9/00, 14/00, 16/00

(11) WO 2004/043631 (13) A1

(21) PCT/US2002/036069

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIE CAST SPUTTER TARGETS
• CIBLES DE PULVERISATION COULEES SOUS PRESSION

(71) HONEYWELL INTERNATIONAL INC. [US/US]; PO Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).

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(72, 75) THOMAS, Michael [US/US]; Honeywell International Inc., PO Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).

(74) THOMPSON, Sandra et al. / etc.; Riordan & McKinzie, 600 Anton Blvd., 18th Floor, Costa Mesa, CA 92626 (US).

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

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

Published / Publiée : (a)

(51)⁷ B22D 31/00, B05C 3/02

(11) WO 2004/043632 (13) A2

(21) PCT/US2003/019475

(22) 19 Jun/juin 2003 (19.06.2003)

(25) en (26) en

(30) 10/292,346 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPONENT IMPREGNATION
• IMPREGNATION D'UN COMPOSANT

(71) GODFREY & WING, INC. [US/US]; 19800 Miles Road, Cleveland, OH 44128 (US).

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

(72, 75) GILMORE, Christopher, D. [US/US]; 3325 Ardmore Road, Shaker Heights, OH 44120 (US). BARNEY, Christopher, B. [US/US]; 410 Terrace Lane, Brooklyn, OH 44144 (US).

(74) MILLER, John, E.; Calfee, Halter & Griswold LLP, 800 Superior Avenue, Cleveland, OH 44113 (US).

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ B22F 3/02, H01F 1/06, 3/08, 41/02

(11) WO 2004/043633 (13) A1

(21) PCT/KR2003/002430

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ko (26) en

(30) 10-2002-0070389 13 Nov/nov 2002 KR (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • Fe-Si ALLOY POWDER CORES AND FABRICATION PROCESS THEREOF
• NOYAUX EN POUDRE D'ALLIAGE FE-SI ET LEUR PROCEDE DE FABRICATION

(71) HUMANELECS CO., LTD. [KR/KR]; 48-8, Munpyeong-dong, Daedeok-gu, 306-220 Daejeon (KR).

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(72, 75) KIM, Kyu-Jin [KR/KR]; 708-1404, Yeolmaemaecul-Apt, 919, Jijok-dong, Yuseong-gu, 305-770 Daejeon (KR). PARK, Jin-Young [KR/KR]; 109-405, Sejong-Apt, 462-5, Jeonmin-dong, Yuseong-gu, 305-728 Daejeon (KR).

(74) PARK, Hyeong-Keun; Room No. 502, Jeongjin Bldg., 936-9 Bangbae 1(il)-dong, Seocho-gu, Seoul 137-844 (KR).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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**
- (11) **WO 2004/043634** (13) A1
- (21) PCT/US2003/035584
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 10/290,303 **8 Nov/nov 2002** US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • COPPER NANOCRYSTALS AND METHODS OF PRODUCING THE SAME
- NANOCRISTAUX DE CUIVRE ET LEURS PROCEDES DE PRODUCTION
- (71) WAYNE STATE UNIVERSITY [US/US]; 4249 Faculty/Administration Bldg., 656 W. Kirby, Detroit, MI 48202 (US).
- (72) WINTER, Charles, H.; 4735 Walnut Lake Road, Bloomfield Hills, MI 48301 (US). YU, Zhengkun; 5200 Anthony Wayne Drive, Apt. 613, Detroit, MI 48202 (US). DEZELAH IV, Charles, L.; 620 Prentiss Street, Apt. C6, Detroit, MI 48202 (US).
- (74) PERRY, Robert, F. 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23G 7/02, 5/06**
- (11) **WO 2004/043636** (13) A1
- (21) PCT/HU2002/000175
- (22) **28 Dec/déc 2002 (28.12.2002)**
- (25) hu (26) en
- (30) P 0203952 **14 Nov/nov 2002** HU
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • THREAD SHAPING TAP WITH MULTIPLE WORKING HEADS
- TARAUD À PLUSIEURS TÊTES DE TRAVAIL
- (71, 72) VILMÁNYI, László [HU/HU]; Hurok u. 5, H-1091 Budapest (HU).
- (74) DANUBIA PATENT AND TRADEMARK ATTORNEYS; Bajcsy-Zsilinszky út. 16, H-1051 Budapest (HU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23D 47/04, B27G 5/02**
- (11) **WO 2004/043635** (13) A1
- (21) PCT/EP2003/009578
- (22) **29 Aug/août 2003 (29.08.2003)**
- (25) de (26) de
- (30) 102 53 011.4 **14 Nov/nov 2002** DE
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MITRE STOP
- BUTEE A ONGLET
- (71) WILHELM ALTENDORF GMBH & CO. KG [DE/DE]; Wettiner Allee 43/45, 32429 Minden (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ALTENDORF, Wilfried [DE/DE]; Wettiner Allee 43 -45, 32429 Minden (DE). DO-MURATH, Michael [DE/DE]; Auf der Heide 37, 32469 Petershagen (DE).
- (74) EISENFÜHR, Günther; Eisenführ, Speiser & Partner, Postfach 10 60 78, 28060 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 PG PH PL PT RO RU SC 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 SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23K**
- (11) **WO 2004/043637** (13) A2
- (21) PCT/US2003/036448
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 10/292,249 **12 Nov/nov 2002** US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • APPARATUS AND METHODS FOR CONNECTING A PLASMA ARC TORCH LEAD TO A POWER SUPPLY
- DISPOSITIF ET PROCEDES POUR CONNECTER UN CABLE DE CHA-LUMEAU A ARC PLASMA A UNE SOURCE D'ALIMENTATION
- (71) THERMAL DYNAMICS CORPORATION [US/US]; A corporation of the state of Delaware, Industrial Park #2, West Lebanon, NH 03784 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RAYMOND, Terry, N. [US/US]; 9 Templeton Avenue, White River Junction, VT 05001 (US). ROGERS, Fred, A. [US/US]; P.O. Box 70, Enfield Center, NH 03749 (US). CONWAY, Christopher [US/US]; Box 383, Kearsarge Valley Road, Wilmot, NH 03287 (US). HORNER-RICHARDSON, KEVIN, D. [US/US]; 25 Mill Village Road, Cornish, NH 03745 (US).
- (74) BURRIS, Kelly, K. et al. / etc.; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme Avenue, Suite 400, St. Louis, MO 63105 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B23K 7/10, 9/00, 15/08, 26/16, 37/04, B23Q 11/00**
- (11) **WO 2004/043638** (13) A1
- (21) PCT/SE2003/001624
- (22) **21 Oct/oct 2003 (21.10.2003)**
- (25) sv (26) en
- (30) 0203315-7 **11 Nov/nov 2002** SE
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AN APPARATUS AND A METHOD FOR CLEANING ELONGATE CARRIER MEMBERS
- APPAREIL ET PROCEDE POUR NETTOYER DES ELEMENTS SUPPORTS ALLONGES
- (71) WELAND AB [SE/SE]; Box 503, S-333 28 Smålandsstenar (SE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VIRMALAINEN, Juha [SE/SE]; Kaprifolvägen 4, S-333 33 Smålandsstenar (SE).
- (74) WALLENGREN, Yngvar et al. / etc.; Patentbyrån y Wallengren AB, Box 116, S-331 21 Värnamo (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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

(51)⁷ B23K 9/00, 10/02

(11) WO 2004/043639 (13) A1

(21) PCT/IL2003/000953

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,271 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MIG-PLASMA WELDING

• SOUDAGE MIG-PLASMA

(71) PLASMA LASER TECHNOLOGIES LTD. [IL/IL]; P.O.Box 504, 20692 Yokneam (IL).

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

(72, 75) IGNATCHENKO, Georgiy [UA/US]; 1949Dorchester North Road, Troy, MI 48084 (US). DYKHNO, Igor [IL/US]; 6794 Retreat, West Bloomfield, MI 48322 (US).

(74) FRIEDMAN, Mark, M.; DR. MARK FRIEDMAN LTD., 7 Haomanim Street, 67897 Tel Aviv (IL).

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

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

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(51)⁷ B23K 9/12

(11) WO 2004/043640 (13) A1

(21) PCT/FI2003/000858

(22) 12 Nov/nov 2003 (12.11.2003)

(25) fi (26) en

(30) U20020455 13 Nov/nov 2002 FI (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRODE LINER TUBE

• TUBE DE GARNITURE D'ELECTRODE

(71) KEMPPI OY [FI/FI]; PL 13, FIN-15801 Lahti (FI).

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

(72, 75) HÄMÄLÄINEN, Jani [FI/FI]; Lepomäentie 74, FIN-15610 Lahti (FI). MÄKI-MAA, Tapani [FI/FI]; Okeroistentie 33, FIN-15800 Lahti (FI). HÄMÄLÄINEN, Olli [FI/FI]; Kreetantie 4, FIN-15540 Viihläde (FI). TOIVONEN, Hannu [FI/FI]; Hymppyläntie 2, FIN-17200 Vääksy (FI). HOKKANEN, Taisto [FI/FI]; Tevaskatu 6, FIN-15240 Lahti (FI).

(74) SEPO LAINEN OY; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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).

(51)⁷ B23K 11/24, 11/26, 11/11, 11/00

(11) WO 2004/043641 (13) A1

(21) PCT/AT2003/000321

(22) 27 Oct/oct 2003 (27.10.2003)

(25) de (26) de

(30) A 1703/2002 12 Nov/nov 2002 AT (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MAINS CURRENT REGULATION FOR A RESISTANCE MULTISPOT WELDING MACHINE COMPRISING A RECHARGEABLE ENERGY STORE

• REGULATION DE COURANT DE SECTEUR POUR MACHINE A SOUDER PAR RESISTANCE MULTIPOINT A ACCUMULATEUR D'ENERGIE RECHARGEABLE

(71) EVG ENTWICKLUNGS- U. VERWERTUNGS-GESELLSCHAFT M.B.H. [AT/AT]; Gustinus-Ambrosi-Strasse 1-3, A-8074 Raaba (AT).

(72) RITTER, Klaus; Peterstalgasse 157, A-8042 Graz (AT).

(74) HOLZER, Walter et al. / etc.; Schottenring 16, Börsegebäude, A-1010 Wien (AT).

(81) 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 B23K 20/12

(11) WO 2004/043642 (13) A1

(21) PCT/JP2003/014414

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-329847 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR JOINING ALUMINUM POWDER ALLOY

• PROCEDE D'ASSEMBLAGE D'ALLIAGE EN POUDRE D'ALUMINIUM

(71) NIPPON LIGHT METAL CO., LTD. [JP/JP]; 2-20, Higashi-Shinagawa 2-chome, Shinagawa-ku, Tokyo 140-8628 (JP). TOYO ALUMINIUM KABUSHIKI KAISHA [JP/JP]; 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP).

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(72, 75) OKANIWA, Shigeru [JP/JP]; c/o Nikkei Research and Development, Center, Nippon Light Metal Co., Ltd., 34-1, Kanbara 1-chome, Kanbara-cho, Ihara-gun, Shizuoka 421-3203 (JP). KUSUI, Jun [JP/JP]; c/o Toyo Aluminium Kabushiki Kaisha, 6-8, Kyutaro-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0056 (JP). NISHIYAMA, Toshimasa [JP/JP]; c/o Niigata Works, Nippon Light Metal Co., Ltd., 1572-19, Tarodai, Niigata-shi, Niigata 950-3101 (JP). ISHII, Hideki [JP/JP]; c/o Nikkei Research and Development, Center, Nippon Light Metal Co., Ltd., 34-1, Kanbara 1-chome, Kanbara-cho, Ihara-gun, Shizuoka 421-3203 (JP). HORI, Hisashi [JP/JP]; c/o Nikkei Research and Development, Center, Nippon Light Metal Co., Ltd., 34-1, Kanbara 1-chome, Kanbara-cho, Ihara-gun, Shizuoka 421-3203 (JP).

(74) OGURA, Wataru; 201, Ohno-Senkawa Bldg., 23-7, Kanamecho 3-chome, Toshima-ku, Tokyo 171-0043 (JP).

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

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

(51)⁷ B23P 11/02, B23B 31/02

(11) WO 2004/043643 (13) A1

(21) PCT/EP2003/009419

(22) 26 Aug/août 2003 (26.08.2003)

(25) de (26) de

(30) 102 53 106.4 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SHRINKING DEVICE

• DISPOSITIF DE SERRAGE

(71) E. ZOLLER GMBH & CO. KG EINSTELL- UND MESSGERÄTE [DE/DE]; Planckstr. 10, 71961 Freiberg/Neckar (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PFAU, Christian [DE/DE]; Friedrich-Ebert-Str. 39, 74321 Bietigheim-Bissingen (DE).

(74) HEYERHOFF, Markus et al. / etc.; Daub, Goldbacher Strasse 60, 88662 Überlingen (DE).

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

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

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

(51)⁷ B23Q 1/28, F16D 63/00, 65/14, B23Q 1/58

(11) WO 2004/043644 (13) A1

(21) PCT/DE2003/003752

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 102 52 915.9 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FRICTION LOCKING UNIT WITH AN
EMERGENCY BRAKING FUNCTION

• DISPOSITIF D'ARRET A FRICTION
AVEC FONCTION DE FREINAGE
D'URGENCE

(71) ZIMMER GMBH [DE/DE]; Technis-
che Werkstätten, Im Salmenkopf 5, 77866
Rheinau (DE).

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

(72, 75) ZIMMER, Günther [DE/DE]; Im
Salmenkopf 7, 77866 Rheinau (DE). ZIM-
MER, Martin [DE/DE]; Mühlenstrasse 6,
77866 Rheinau (DE).

(74) ZÜRN & THÄMER; Hermann-Köhl-Weg
8, 76571 Gaggenau (DE).

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

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

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(51)⁷ B23Q 3/18, 17/00, 17/24, G01V 8/10,
H03K 17/945

(11) WO 2004/043645 (13) A1

(21) PCT/EP2003/010777

(22) 27 Sep/sep 2003 (27.09.2003)

(25) de (26) de

(30) 102 52 150.6 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOUNTING DEVICE PROVIDED
WITH A PART POSITIONING SYSTEM
• DISPOSITIF D'INSTALLATION A SYS-
TEME DE COMMANDE DE POSITION
DE PIECE

(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) KURPJUWEIT, Ralf [DE/DE];
Schulstrasse 5a, 28832 Achim-Baden
(DE). REINKUNZ, Hubert [DE/DE];
Gartenstrasse 8, 75242 Neuhausen (DE).
SCHMIDT, Wolfhard [DE/DE]; Danziger
Strasse 7c, 28865 Lilienthal (DE).
SPRINGER, Uwe [DE/DE]; Neuer Weg
77, 28816 Stuhr (DE).

(74) NÄRGER, Ulrike et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, 70546 Stuttgart (DE).

(81) JP US.

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

(51)⁷ B24B 3/00, 3/24, 41/04, 41/06, B23Q 1/70,
3/18, 1/38

(11) WO 2004/043646 (13) A1

(21) PCT/EP2003/012034

(22) 30 Oct/oct 2003 (30.10.2003)

(25) fr (26) fr

(30) 02079754.4 12 Nov/nov 2002 EP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SPINDLE UNIT
• UNITE DE BROCHE

(71) ROLLOMATIC SA [CH/CH]; Chemin du
Coteau 41, CH-2525 Le Landeron (CH).

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

(71, 72) ROLLIER, Michel [CH/CH]; Faubourg
4, CH-2525 Le Landeron (CH).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B24B 7/22, 49/12, 49/16

(11) WO 2004/043647 (13) A1

(21) PCT/US2003/030589

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(30) 10/290,907 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS FOR AND METHOD OF
WAFER GRINDING

• APPAREIL ET PROCEDE DE RECTIFI-
CATION DE PLAQUETTES

(71) MOTOROLA, INC., A CORPORA-
TION OF THE STATE OF DELAWARE
[US/US]; 1303 East Algonquin Road,
Schaumburg, IL 60196 (US).

(72) SCHNEEGANS, Manfred; Johann Strauss
Str. 32, D-85591 Vaterstetten (DE). ROES-
NER, Michael; Au der Mauer 1, 01067
Dresden (DE). WALLIS, David; Bauzner
Strasse 115, 01099 Dresden (DE).

(74) WUAMETT, Jennifer, B. SPS PATENT
OPERATION MANAGER - ON BEHALF
OF MOROTROLA, INC. Corporate Law
Department/Intellectual Property Sec et
al. / etc.; 7700 West Palmer Lane MD:
TX32/PL02, Austin TX 78729 (US).

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

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

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(51)⁷ B24B 37/04

(11) WO 2004/043648 (13) A1

(21) PCT/JP2003/013628

(22) 24 Oct/oct 2003 (24.10.2003)

(25) ja (26) ja

(30) 2002-327416 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POLISHING APPARATUS
• APPAREIL DE POLISSAGE

(71) EBARA CORPORATION [JP/JP]; 11-1,
Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510
(JP).

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

(72, 75) HIROSE, Masayoshi [JP/JP];
2-10-1-701, Nakagawa, Tsuzuki-ku, Yoko-
hama-shi, Kanagawa 224-0001 (JP).
YASUDA, Hozumi [JP/JP]; 448-1-301,
Ishikawa, Fujisawa-shi, Kanagawa 252-0815
(JP). HIROKAWA, Kazuto [JP/JP];
61-10, Tsutsumi, Chigasaki-shi, Kana-
gawa 253-0006 (JP). NOJI, Ikutaro [JP/JP];
4-22, Minamikibougakoka, Asahi-ku, Yoko-
hama-shi, Kanagawa 241-0824 (JP).

(74) SHAMOTO, Ichio et al. / etc.; YUASA
AND HARA, Section 206, New Ohtemachi
Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku,
Tokyo 100-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU 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 B24D 3/02, C09C 1/68, C09K 3/14, C01B
33/12

(11) WO 2004/043649 (13) A1

(21) PCT/US2003/027633

(22) 4 Sep/sep 2003 (04.09.2003)

(25) en (26) en

(30) 10/292,991 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRECIPITATED SILICA
• SILICE PRECIPITEE

(71) J.M. HUBER CORPORATION [US/US];
333 Thornall Street, Edison, NJ 08837 (US).

(72) KOSTINKO, John, A.; 15 Hunter Drive,
Bel Air, MD 21014 (US). FULTZ, William,
C.; 1114 Telegraph Road, Rising Sun, MD
21911 (US). MCGILL, Patrick, D.; 2215
Price Road, Darlington, MD 21034 (US).

(74) NIEVES, Carlos et al. / etc.; J.M. Huber
Corporation, 333 Thornall Street, Edison, NJ
08837 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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 B24D 3/28, 3/34, 11/00

(11) WO 2004/043650 (13) A1

(21) PCT/US2003/029567

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(30) 0225913.3 6 Nov/nov 2002 GB
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ABRASIVE ARTICLES AND METHOD
OF MAKING AND USING THE ARTI-
CLES

• ARTICLES ABRASIFS ET PROCEDE
DE FABRICATION ET D'UTILISATION
DE CES ARTICLES

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, P.O. Box 33427,
Saint Paul, MN 55133-3427 (US).

(72) CARTER, Christopher, J.; P.O. Box
33427, Saint Paul, MN 55133-3427 (US).
WINSPEAR, Tracey, E.; P.O. Box 33427,
Saint Paul, MN 55133-3427 (US).

(74) ALLEN, Gregory, D. et al. / etc.; Office
of Intellectual Property Counsel, P.O. Box
33427, Saint Paul, MN 55133-3427 (US).

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

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

(51)⁷ B25B

(11) WO 2004/043651 (13) A2

(21) PCT/JP2003/014169

(22) 7 Nov/nov 2003 (07.11.2003)

(25) ja (26) ja

(30) 2002-324292 7 Nov/nov 2002 JP
(07.11.2002)

(30) 2002-362103 13 Dec/déc 2002 JP
(13.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TOOL FOR INSTALLING RETAINING
RING

• OUTIL PERMETTANT DE POSER UN
ANNEAU DE RETENUE

(71) CHUBU BEARING KABUSHIKI
KAISYA [JP/JP]; 20-13, Nishihioki
2-chome, Nakagawa-ku, Nagoya-shi, Aichi
454-0004 (JP).

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

(72, 75) TANAKA, Kouichi [JP/JP]; c/o Chubu
Bearing Kabushiki Kaisya, 20-13, Nishi-
hioki 2-chome, Nakagawa-ku, Nagoya-shi,
Aichi 454-0004 (JP). TANAKA, Yoshichika
[JP/JP]; c/o Chubu Bearing Kabushiki Kaisya,
20-13, Nishihioki 2-chome, Nakagawa-ku,
Nagoya-shi, Aichi 454-0004 (JP).

(74) NISHIYAMA, Bunichi; 23-6, Haruoka
1-chome, Chikusa-ku, Nagoya-shi, Aichi
464-0848 (JP).

(81) AE AG 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 B25B

(11) WO 2004/043652 (13) A2

(21) PCT/US2003/035925

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,906 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BREAKAWAY TORQUE WRENCH

• CLE DYNAMOMETRIQUE DE DE-
MARRAGE

(71) ENTEGRIS, INC. [US/US]; 3500 Lyman
Boulevard, Chaska, MN 55318 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) STOICK, Michael [US/US]; 17194
Toronto Avenue SE, Prior Lake, MN 55372
(US). CADAVID, Carlos [US/US]; 8039
Dakota Lane, Chanhassen, MN 55378 (US).

(74) CHRISTENSEN, Douglas, J. et al. / etc.;
Patterson, Thunte, Skaar & Christensen,
P.A., 4800 IDS Center, 80 South Eight Street,
Minneapolis, MN 55402-2100 (US).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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, B65G 49/07, H01L 21/68

(11) WO 2004/043653 (13) A1

(21) PCT/JP2003/014479

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-331213 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR CORRECTING REFER-
ENCE POSITION FOR TRANSFER
MECHANISM, AND CORRECTION
METHOD

• DISPOSITIF DE CORRECTION DE LA
POSITION DE REFERENCE POUR UN

MECANISME DE TRANSFERT, ET
PROCEDE DE CORRECTION

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP). **SHINKO ELECTRIC CO., LTD.** [JP/JP]; 2-14, Toyo 7-chome, Koto-ku, Tokyo 135-8387 (JP).

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

(72, 75) **SAEKI, Hiroaki** [JP/JP]; c/o Tokyo Electron AT Limited, 2381-1, Kitagejo, Fujii-cho, Nirasaki-shi, Yamanashi 407-8511 (JP). **KAMIGAKI, Toshio** [JP/JP]; c/o Shinko Electric Co., Ltd., 150, Aza-Motoyashiki, Mitsuya-cho, Toyohashi-shi, Aichi 441-3195 (JP).

(74) **YOSHITAKE, Kenji** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN KR US.

(51)⁷ **B26B**

(11) **WO 2004/043654** (13) A2

(21) PCT/US2003/033571

(22) **22 Oct/oct 2003 (22.10.2003)**

(25) en (26) en

(30) 60/424,361 **6 Nov/nov 2002** US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **SHAVING SYSTEMS**

• SYSTEMES DE RASAGE

(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, P.O. Box 450777, Westlake, OH 44145 (US).

(72) **ANDERSON, Susan, R.**; Sanfords Bridge Road 3, East Haddam, CT 06423 (US). **TAYLOR, Thomas, H.**; 93 Long Hill Farm, Guilford, CT 06437 (US).

(74) **MICHAUD, Richard, R.** et al. / etc.; McCormick, Paulding & Huber LLP, Cityplace II, 185 Asylum Street, Hartford, CT 06103-3402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 **B26B 25/00**

(11) **WO 2004/043655** (13) A1

(21) PCT/US2003/011716

(22) **15 Apr/avr 2003 (15.04.2003)**

(25) en (26) en

(30) 10/289,635 **7 Nov/nov 2002** US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **ROTARY KNIFE HAVING VACUUM ATTACHMENT**

• COUTEAU ROTATIF COMPRENANT UN DISPOSITIF D'ASPIRATION

(71) **BETTCHER INDUSTRIES, INC** [US/US]; Route 60 and Ohio Turnpike, Birmingham, OH 44816 (US).

(72) **WHITED, Jeffrey**; 152 Westchester Drive, Amherst, OH 44001 (US).

(74) **SCHULTZ, Stephen**; Watts, Hoffmann, Fisher & Heinke, 1100 Superior Ave., Suite 1750, Cleveland, OH 44114 (US).

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

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **B26D 1/553, B26B 27/00**

(11) **WO 2004/043656** (13) A1

(21) PCT/FI2003/000861

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) fi (26) en

(30) 20022022 **13 Nov/nov 2002** FI
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **ARRANGEMENT FOR FASTENING THE END OF THE WIRE IN A FRAME AND A WIRE CUTTER**

• SYSTEME POUR FIXER L'EXTREMITÉ D'UN FIL DANS UN CADRE ET SYSTEME DE COUPE A FIL

(71) **MKT-FINLAND OY** [FI/FI]; Emalikat 10 B, FIN-04440 Järvenpää (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKALA, Timo** [FI/FI]; Suutarinkyläntie 1 F 13, FIN-00740 Helsinki (FI).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **B26D 7/02, 1/30**

(11) **WO 2004/043657** (13) A1

(21) PCT/US2003/026283

(22) **21 Aug/août 2003 (21.08.2003)**

(25) en (26) en

(30) 10/291,280 **8 Nov/nov 2002** US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **POWER GEAR GUILLOTINE TRIMMER**

• APPAREIL DE MASSICOTAGE-ROGNAGE ENTRAINE PAR DES ENGRENAGES

(71) **ALTERRA HOLDINGS CORPORATION** [US/US]; P.O. Box 230030, Tigard, OR 97281-0030 (US).

(72) **MCLEAN, Mark, A.**; 3408 Owl Lane, Wausau, WI 54401 (US). **SCHULZ, William, J.**; 302 Lorian Avenue, Mosinee, WI 54455 (US). **WOLF, Jason**; 9904 Alderson Street, Schofield, WI 54476 (US).

(74) **BROWN, Marshall, J.** et al. / etc.; Foley & Lardner, 321 North Clark Street, Suite 2800, Chicago, IL 60610-4764 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **B26F**

(11) **WO 2004/043658** (13) A2

(21) PCT/US2003/034923

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 60/423,604 **5 Nov/nov 2002** US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **MODULAR/CONFIGURABLE DIE FOR A ROTARY DIE CUTTER**

• MATRICE MODULAIRE/ADAPTABLE POUR DECOUPEUSE ROTATIVE

(71, 72) **TOTH, Zsolt** [US/US]; 132 Bella Vista Street, Tuckahoe, NY 10707 (US).

(74) **SHORE, Ronald, J.** et al. / etc.; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 North Seventeenth Street, Arlington, VA 22209 (US).

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

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 B26F 1/26, C25D 1/08

(11) WO 2004/043659 (13) A1

(21) PCT/NL2003/000786

(22) 10 Nov/nov 2003 (10.11.2003)

(25) nl (26) en

(30) 1021907 12 Nov/nov 2002 NL
(12.11.2002)

(30) 1023005 24 Mar/mar 2003 NL
(24.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SCREEN MATERIAL MANUFACTURING METHOD AND APPLICATIONS THEREOF

• MATERIAU DE TAMIS, PROCEDE DE FABRICATION DUDIT MATERIAU ET APPLICATIONS CORRESPONDANTES

(71) STORK PRINTS B.V. [NL/NL]; 1-3, Raamstraat, NL-5831 AT Boxmeer (NL).

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

(72, 75) THUIS, Henricus, Hermanus, Wilhelmus [NL/NL]; Jacob van Ruysdaelstraat 20, NL-5831 CB Boxmeer (NL). JECKMANS, Cornelis, Johannes [NL/NL]; 3a, Carmelietenstraat Oost, NL-5831 DT Boxmeer (NL).

(74) VOLMER, J., C.; Exter Polak & Charlouis B.V., P.O. Box 3241, NL-2280 GE Rijswijk (NL).

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

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

Published / Publiée : (c)

(51)⁷ B26F 1/44, B26D 7/26

(11) WO 2004/043660 (13) A1

(21) PCT/IT2003/000603

(22) 8 Oct/oct 2003 (08.10.2003)

(25) en (26) en

(30) BO2002A000718 14 Nov/nov 2002 IT
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SUPPORT DEVICE FOR CUTTING TEMPLATES

• DISPOSITIF DE SUPPORT DESTINE A LA COUPE DE GABARITS

(71) CORTESE S.P.A. [IT/IT]; Via Del Faggiolo, 1, I-40132 Bologna (IT).

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

(72, 75) CORTESE CARMELO, Angelo [IT/IT]; Via della Palazzina 30, I-40037 Sasso Marconi (IT).

(74) MANZELLA, Giovanni; Ing. Giovanni Manzella, Via Saragozza, 220, I-40135 Bologna (IT).

(81) US.

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

Published / Publiée : (a)

(51)⁷ B27K

(11) WO 2004/043661 (13) A2

(21) PCT/US2003/035792

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/291,354 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ALUMINUM SALT-AMINE COMPLEX UV INHIBITOR FOR WOOD

• COMPLEXE D'AMINE ET DE SEL D'ALUMINIUM SERVANT A PROTEGER LE BOIS CONTRE LES ULTRA-VIOLETS

(71, 72) WEST, Michael, Howard [US/US]; 54 S. Crockett Road, Senatobia, MS 38668 (US).

(74) BYRNE, Richard, L. et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ 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 UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B27N

(11) WO 2004/043662 (13) A2

(21) PCT/US2003/035911

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/291,757 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF MANUFACTURING A DECORATIVE SUBSTRATE AND DECORATIVE SUBSTRATE PRODUCED THEREBY

• PROCEDE DE PRODUCTION D'UN SUBSTRAT DECORATIF ET SUBSTRAT DECORATIF OBTENU SELON CE PROCEDE

(71) MASONITE CORPORATION [US/US]; One North Dale Mabry Highway, Suite 950, Tampa, FL 33609 (US).

(72) LIANG, Bei-Hong; 1158 Red Clover Drive, Naperville, IL 60564 (US). LUETGERT, Karine, A.; 109 S. River Lane, Geneva, IL 60134 (US). COGHLAN, Henry; 178 Lakeside Drive, St. Charles, IL 60174 (US). WALSH, John, Peter; 117 South Third Street, St. Charles, IL 60174 (US). HARDWICK, Geoffrey, B.; 729 Wessel Court, St. Charles, IL 60174 (US).

(74) BERENATO, Joseph, W., III; Liniak, Berenato & White, LLC, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B29B 7/00, 13/04, C08K 3/34, 7/00, 9/08

(11) WO 2004/043663 (13) A2

(21) PCT/US2003/034892

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/423,591 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF PRODUCING EXFOLIATED POLYMER-CLAY NANOCOMPOSITE AND POLYMER-CLAY NANOCOMPOSITE PRODUCED THEREFROM

• PROCEDE DE PRODUCTION D'UN NANOCOMPOSITE POLYMER-ARGILE EXFOLIE ET NANOCOMPOSITE POLYMER-ARGILE AINSI OBTENU

(71) MATERIAL SCIENCES CORPORATION [US/US]; 2200 East Pratt Boulevard, Elk Grove Village, IL 60007-5995 (US).

(72) TORKELOSON, John, M.; 8225 Niles Center Rd., Skokie, IL 60077 (US). LEOVITZ, Andrew, H.; 1349 East Washington Street, Apt. 506, Des Plaines, IL 60016 (US).

- KASIMATIS, Kosmas; 6540 N. Sacramento, Chicago, IL 60645 (US). KHAIT, Klementina; 5240 Cleveland, Skokie, IL 60077 (US).
- (74) BERENATO, Joseph., W., III; Liniak, Berenato & White, LLC, 6550 Rock Spring Drive, Suite 240, Bethesda, MD 20817 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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- (51)⁷ B29C 33/42
- (11) WO 2004/043664 (13) A1
- (21) PCT/US2003/033201
- (22) 20 Oct/oct 2003 (20.10.2003)
- (25) en (26) en
- (30) 2002-329695 13 Nov/nov 2002 JP (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FLEXIBLE MOLD AND METHOD OF MAKING SAME AS WELL AS METHOD OF MANUFACTURING FINE STRUCTURES
- MOULE FLEXIBLE, SON PROCEDE DE PRODUCTION AINSI QUE PROCEDE POUR LA FABRICATION DE STRUCTURES FINES
- (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) YODA, Akira [JP/JP]; 9-19, Ogawa 3-chome, Machida-city, Tokyo 229-1185 (JP). KIKUCHI, Hiroshi [JP/JP]; 3-1, Tsukimino 7, Yamato-shi, Kanagawa 242-0002 (JP).
- (74) BUCKINGHAM, Stephen W., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29C 41/12, 41/24, 41/38, C08J 9/28
- (11) WO 2004/043666 (13) A1
- (21) PCT/JP2003/010426
- (22) 19 Aug/août 2003 (19.08.2003)
- (25) ja (26) ja
- (30) 2002-328586 12 Nov/nov 2002 JP (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PROCESS FOR PRODUCING POROUS FILM AND POROUS FILM
- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 39/02, 39/44 // B29K 75:00, 105:04
- (11) WO 2004/043665 (13) A1
- (21) PCT/JP2003/014315
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) ja (26) ja
- (30) 2002-326419 11 Nov/nov 2002 JP (11.11.2002)
- (30) 2002-351423 3 Dec/déc 2002 JP (03.12.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR FOAM MOLDING
- PROCEDE ET DISPOSITIF DE MOULAGE DE PRODUIT GONFLANT
- (71) SUNSTAR GIKEN KABUSHIKI KAISHA [JP/JP]; 7-1, Aketa-cho, Takatsuki-shi, Osaka 569-0806 (JP). UNI-SUNSTAR B.V. [NL/NL]; Strawinskyalaan 3019, Atrium 1HG, NL-1077 ZX Amsterdam (NL).
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- (72, 75) TANAKA, Satoshi [JP/JP]; c/o Sunstar Giken Kabushiki Kaisha, 7-1, Aketa-cho, Takatsuki-shi, Osaka 569-0806 (JP). TAKADA, Masaharu [JP/JP]; c/o Sunstar Giken Kabushiki Kaisha, 7-1, Aketa-cho, Takatsuki-shi, Osaka 569-0806 (JP). JOY-ASHIKI, Hisashi [JP/JP]; c/o Sunstar Group Engineering Kabushiki Kaisha, 3-1, Asahi-cho, Takatsuki-shi, Osaka 569-1195 (JP).
- (74) SHAMOTO, Ichio et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29C 41/12, 41/24, 41/38, C08J 9/28
- (11) WO 2004/043666 (13) A1
- (21) PCT/JP2003/010426
- (22) 19 Aug/août 2003 (19.08.2003)
- (25) ja (26) ja
- (30) 2002-328586 12 Nov/nov 2002 JP (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PROCESS FOR PRODUCING POROUS FILM AND POROUS FILM
- PROCEDE DE PRODUCTION DE FILM POREUX ET FILM POREUX
- (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) TSUYUMOTO, Michio [JP/JP]; c/o RESEARCH CENTER, DAICEL CHEMICAL INDUSTRIES, LTD., 1239, Shinzaike, Aboshi-ku, Himeji-shi, Hyogo 671-1283 (JP). YAMATO, Yo [JP/JP]; c/o RESEARCH CENTER, DAICEL CHEMICAL INDUSTRIES, LTD., 1239, Shinzaike, Aboshi-ku, Himeji-shi, Hyogo 671-1283 (JP).
- (74) GOTO, Yukihisa; 202, Masuda Building, 7-16, Higashitenma 2-chome, Kita-ku, Osaka-shi, Osaka 530-0044 (JP).
- (81) CN KR US.
- (84) EP (DE FR GB).
-
- (51)⁷ B29C 44/12, 33/12
- (11) WO 2004/043667 (13) A1
- (21) PCT/NO2003/000346
- (22) 20 Oct/oct 2003 (20.10.2003)
- (25) no (26) en
- (30) 20025467 14 Nov/nov 2002 NO (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR MANUFACTURING PANEL BODIES OF PLASTIC MATERIAL, AND USE THEREOF
- PROCEDE ET DISPOSITIF PERMETTANT DE FABRIQUER DES CORPS DE PANNEAU EN MATIERE PLASTIQUE, ET UTILISATION CORRESPONDANTE
- (71) PRIMEFLOOR AS [NO/NO]; Sørlibakken 45, N-1473 Lørenskog (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STENGRIMSEN, Frank [NO/NO]; Sørlibakken 45, N-1473 Lørenskog (NO). SPYDEVOLD, Jan [NO/NO]; Midtåsen 14E, N-1624 Gressvik (NO).
- (74) LANGFELDT, Jens, F., C.; Zacco Norway AS, P.O. Box 765, Sentrum, N-0106 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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- (51)⁷ B29C 44/18, 44/34
- (11) WO 2004/043668 (13) A1
- (21) PCT/US2003/033411

(22) 22 Oct/oct 2003 (22.10.2003)

(25) en (26) en

(30) 60/423,771 5 Nov/nov 2002 US
(05.11.2002)(30) 10/686,845 16 Oct/oct 2003 US
(16.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIGHTWEIGHT MEMBER FOR REINFORCING, SEALING OR BAFFLING

- ELEMENT LEGER POUR RENFORCEMENT, ETANCHEIFICATION OU DEFLEXION

(71) L & L PRODUCTS, INC. [US/US]; 159 McLean Drive, Romeo, MI 48065 (US).

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

(72, 75) CZAPLICKI, Michael, J. [US/US]; 184 Whims Lane, Rochester, MI 48306 (US). CARLSON, David [US/US]; 287 Arlington Drive, Rochester Hills, MI 48307 (US).

(74) CHAPPLE, Scott, A.; Dobrusin & Thenenisch PC, 401 South Old Woodward Avenue, Suite 311, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 45/16, A46D 3/00 // A46B 5/02

(11) WO 2004/043669 (13) A1

(21) PCT/EP2003/011683

(22) 22 Oct/oct 2003 (22.10.2003)

(25) de (26) de

(30) 102 52 163.8 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPRESSION MOULDED PART

- PIECE MOULEE PAR INJECTION

(71) BRAUN GMBH [DE/DE]; Frankfurter Str. 145, 61476 Kronberg (DE).

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(72, 75) STÖRKEL, Jens [DE/DE]; Hollunderweg 101, 60433 Frankfurt am Main (DE). DE BUHR, Harald [DE/DE]; Niederhöchstädter Str. 10, 61476 Kronberg (DE). VOIGTMANN, Lutz [DE/DE]; Ludwigstr. 21, 61239 Ober-Mörlen (DE). HECKENTHALER, Roland [DE/DE]; Kirchberg 4, 55288 Gabsheim (DE).

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

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

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

Published / Publiée : (a)

(51)⁷ B29C 45/16, 37/00

(11) WO 2004/043670 (13) A2

(21) PCT/US2003/035305

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,782 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRESSURE AND TEMPERATURE GUIDANCE IN AN IN-MOLD COATING PROCESS

- GUIDAGE DE PRESSION ET DE TEMPERATURE DANS UN PROCEDE DE REVETEMENT DANS LE MOULE

(71) OMNOVA SOLUTIONS, INC. [US/US]; 175 Ghent Road, Fairlawn, OH 44333 (US).

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

(72, 75) MCBAIN, Douglas, S. [US/US]; 233 Fixler Road, Wadsworth, OH 44281 (US). STRAUS, Elliott, J. [US/US]; 2499 Auburn Place, Akron, OH 44312-1523 (US). THOMPSON, John, A. [US/US]; 1578 Woodcrest Drive, Wooster, OH 44691 (US).

(74) BURLESON, David, G.; Omnova Solutions, Inc., 175 Ghent Road, Fairlawn, OH 44333 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B29C 45/16, 45/76

(11) WO 2004/043671 (13) A1

(21) PCT/US2003/035366

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,866 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • QUALITY ASSURANCE METHOD FOR COATED PARTS

- METHODE D'ASSURANCE DE LA QUALITE POUR PIECES REVETUES

(71) OMNOVA SOLUTIONS INC. [US/US]; 175 Ghent Road, Fairlawn, OH 44333-3300 (US).

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

(72, 75) MCBAIN, Douglas [US/US]; 233 Fixler Road, Wadsworth, OH 44281 (US). STRAUS, Elliott [US/US]; 2499 Auburn Place, Akron, OH 44312 (US). THOMPSON, John [US/US]; 1578 Woodcrest Drive, Wooster, OH 44691 (US).

(74) BURLESON, David et al. / etc.; OMNOVA Solutions Inc., Legal Department, 175 Ghent Road, Fairlawn, OH 44333-3300 (US).

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

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

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(51)⁷ B29C 45/27, 45/17, H01R 4/36, H05B 3/42

(11) WO 2004/043672 (13) A1

(21) PCT/EP2003/012500

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 52 389.4 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HEATING ELEMENT ARRANGED ON A TUBULAR CONDUIT

- ELEMENT CHAUFFANT A POSER SUR UNE CONDUITE TUBULAIRE

(71) WATLOW GMBH [DE/DE]; Lauchwasenstrasse 1, 76709 Kronau (DE).

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

(72, 75) HOFFMANN, Michael [DE/DE]; Otto-Hahn-Strasse 9, 76297 Stutensee (DE).

(74) LICHTI, Heiner et al. / etc.; Postfach 41 07 60, 76207 Karlsruhe (DE).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 45/34, 45/02

(11) WO 2004/043673 (13) A1

(21) PCT/JP2003/014497

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ja (26) ja

(30) 2002-330655 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RESIN SEAL DEVICE

• DISPOSITIF D'ÉTANCHEITE A BASE DE RESINE

(71) TAKARA TOOL & DIE CO., LTD. [JP/JP]; 5-17, Yotsugi 2-chome, Kat-sushika-ku, Tokyo 124-0011 (JP). TECHNO CREATE CO., LTD. [JP/JP]; 2-48, Goto, Wagacho, Kitakami-shi, Iwate 024-0335 (JP).

(72) YONEZU, Yukihiko; c/o Iwate Factory of Takara, Tool & Die Co., Ltd., 33-126, Tatakawame 1-chome, Wagacho, Kitakami-shi, Iwate 024-0332 (JP). ITO, Shouji; c/o Iwate Factory of Takara, Tool & Die Co., Ltd., 33-126, Tatakawame 1-chome, Wagacho, Kitakami-shi, Iwate 024-0332 (JP). FUJIWARA, Koki; c/o Iwate Factory of Takara, Tool & Die Co., Ltd., 33-126, Tatakawame 1-chome, Wagacho, Kitakami-shi, Iwate 024-0332 (JP). TAGUCHI, Tsuyoshi; c/o Techno Create Co., Ltd., 2-48, Goto, Wagacho, Kitakami-shi, Iwate 024-0335 (JP). SAKAMOTO, Hideo; c/o Techno Create Co., Ltd., 2-48, Goto, Wagacho, Kitakami-shi, Iwate 024-0335 (JP). SAITO, Hideki; c/o Techno Create Co., Ltd., 2-48, Goto, Wagacho, Kitakami-shi, Iwate 024-0335 (JP).

(74) SATO, Yukio; Chuo 7th Nishi-shinjuku Building, 404, 18-5, Nishi-shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR.

(51)⁷ B29C 45/36

(11) WO 2004/043674 (13) A2

(21) PCT/US2003/035927

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,458 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS AND APPARATUS FOR MOLDING POLYMER FITTINGS

• PROCEDE ET APPAREIL DE MOUTAGE DE RACCORDS DE POLYMERES

(71) ENTEGRIS, INC. [US/US]; 3500 Lyman Boulevard, Chaska, MN 55318 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STOCK, Michael [US/US]; 17194 Toronto Avenue SE, Prior Lake, MN 55372 (US). KRANTZ, Bradley [US/US]; 7885 Hyacinth, Victoria, MN 55386 (US).

(74) CHRISTENSEN, Douglas, J. et al. / etc.; Patterson, Thucnte, Skaar & Christensen, P.A., 4800 IDS Center, 80 South Eight Street, Minneapolis, MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 B29C 45/73, 33/38, 45/16, 49/22

(11) WO 2004/043675 (13) A1

(21) PCT/US2003/035949

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,347 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INJECTION MOLD HAVING A WEAR RESISTANT PORTION AND A HIGH HEAT TRANSFER PORTION AND A METHOD FOR FORMING A PREFORM

• MOULE A INJECTION PRESENTANT UNE PARTIE RESISTANTE A L'USURE ET UNE PARTIE DE TRANSFERT ELEVE DE CHALEUR ET PROCEDE DE FORMATION D'UNE PREFORME

(71) ADVANCED PLASTICS TECHNOLOGIES LTD [GB/GB]; Central Chambers, 6 Victoria Street, Douglas, Isle of Man Im1 3LH (GB).

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

(72, 75) HUTCHINSON, Gerald, A. [US/US]; 3 Windcroft Drive, Coto de Caza, CA 92679 (US). LEE, Robert, A. [GB/GB]; 9 Bucklow View, Bowdon, Cheshire WA14 3JP (GB).

(74) DELANEY, Karoline, A.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

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

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

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

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Declaration / Déclaration :

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(51)⁷ B29C 45/74, 47/82

(11) WO 2004/043676 (13) A2

(21) PCT/US2003/035929

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,638 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A VACUUM CAST CERAMIC FIBER INSULATED BAND HAVING HEATING AND COOLING ELEMENTS

• BANDEAU ISOLANT DE FIBRES CERAMIQUES MOULE SOUS VIDE MUNI D'ELEMENTS CHAUFFANTS OU REFROIDISSANTS

(71, 72) PENDERGRAFT, Gordon, M. [US/US]; 8932 South Kingston Avenue, Tulsa, OK 74137 (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 NI NO NZ OM PG PH PL PT 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 B29C 47/02, B05D 1/00

(11) WO 2004/043677 (13) A2

(21) PCT/US2003/036275

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/291,933 11 Nov/nov 2002 US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR APPLYING A THICK REACTIVE COATING ON A BODY ROTATING ABOUT AN AXIS

• PROCEDE ET DISPOSITIF D'APPLICATION D'UNE EPAISSE COUCHE REACTIVE SUR UN CORPS TOURNANT SUR UN AXE

(71) CROMPTON CORPORATION [US/US]; Benson Road, Middlebury, CT 06749 (US).

(72) PETER, Thomas, H.; 498 Patriot Road, Southbury, CT 06488 (US). GAJEWSKI,

- Vincent, J.; 44 Guinevere Ridge, Cheshire, CT 06410 (US). MALLON, Charles, C.; 16 Bayberry Road, Prospect, CT 06712 (US).
- (74) DILWORTH, Michael, P.; Crompton Corporation, Benson Road, Middlebury, CT 06749 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B29C 55/02, 47/70
- (11) WO 2004/043678 (13) A1
- (21) PCT/US2003/024195
- (22) 1 Aug/août 2003 (01.08.2003)
- (25) en (26) en
- (30) 10/293,979 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD OF MAKING FILM WITH CORRUGATED MICROLAYERS HAVING IMPROVED PROPERTIES
- PROCEDE DE FABRICATION DE FILM A MICROCOUCHES ONDULEES PRESENTANT DES PROPRIETES AMELIOREES
- (71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).
- (72) TOPOLKARAEV, Vasily, A.; 1730 S. Lee Street, Appleton, WI 54915 (US).
- (74) STOVER, Andrew, D.; Brinks Hofer Gilson & Lione, P.O. Box 10087, Chicago, IL 60610 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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).
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- (51)⁷ B29C 65/78, 33/20, F03D 1/06
- (11) WO 2004/043679 (13) A1
- (21) PCT/DK2003/000777
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) PA 2002 01743 12 Nov/nov 2002 DK (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MOULD ASSEMBLY WITH CLOSURE MECHANISM
- ENSEMBLE MOULE COMPORTANT UN MECANISME DE FERMETURE
- (71) LM GLASFIBER A/S [DK/DK]; Rolles Møllevej 1, DK-6640 Lunderskov (DK). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) OLSEN, Søren, Malcho [DK/DK]; Sønderbyvej 23, DK-6091 Bjert (DK). JENSEN, Freddie, Reymond [DK/DK]; Hjarupvej 16, DK-6200 Aabenraa (DK). KLINDT, Peter [DK/DK]; Platanvej 31, Hammelev, DK-6500 Vojens (DK). LIEBMANN, Axel [DK/DK]; Hofstrupvej 8, DK-7120 Vejle Ø (DK).
- (74) CHAS.HUDE A/S; H.C. Andersens Boulevard 33, DK-1553 Copenhagen V (DK).
- (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 HR HU ID IL IN IS JP KE KG KP KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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).
- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ B29C 67/00
- (11) WO 2004/043680 (13) A2
- (21) PCT/US2003/036745
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 60/425,567 11 Nov/nov 2002 US (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • HANDLING SYSTEM FOR USE WITH PROGRAMMABLE MATERIAL CONSOLIDATION SYSTEMS AND ASSOCIATED METHODS
- SYSTEME DE MANIPULATION S'UTILISANT AVEC DES SYSTEMES PROGRAMMABLES DE CONSOLIDATION DE MATIERE ET PROCEDES ASSOCIES
- (71) MICRON TECHNOLOGY, INC. [US/US]; Mail Stop 525, 8000 South Federal Way, Boise, Idaho 83707-0006 (US).
- (72) FARNWORTH, Warren, M.; 2004 South Banner, Nampa, ID 83686-7271 (US). HIATT, William, M.; 1137 West Stafford Drive, Eagle, ID 83616 (US). HEMBREE, David, R.; 11074 West Edgehill Drive, Boise, ID 83709 (US). BENSON, Peter, A.; 5122 Surprise Way, Unit #201, Boise, ID 83716 (US). AHMAD, Syed, Sajid; 5539 South firethorn Place, Boise, ID 83705 (US). HESS, Michael, E.; 19137 South Pleasant Valley, Kuna, ID 83634 (US).
- (74) POWER, Brick, G.; Traskbritt, 230 South 500 East, Suite 300, P.O. Box 2550, Salt Lake City, UT 84110-2550 (US).
- (81) JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ B29C 67/24
- (11) WO 2004/043681 (13) A2
- (21) PCT/US2003/035760
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 10/295,132 14 Nov/nov 2002 US (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • RAPID PROTOTYPING MATERIAL SYSTEMS
- SYSTEMES MATERIELS DE PROTOTYPAGE RAPIDE
- (71) HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).
- (72) KASPERCHIK, Vladick P.; 4308 NW Jon Place, Corvallis, OR 97330 (US). LAMBRIGHT, Terry M.; 7175 NW Somerset Drive, Corvallis, OR 97330 (US).
- (74) HAYMOND, W. Bradley 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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- (51)⁷ B30B
- (11) WO 2004/043682 (13) A2
- (21) PCT/US2003/025172
- (22) 8 Aug/août 2003 (08.08.2003)
- (25) en (26) en
- (30) 10/293,388 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • INFED CUTTER BALER HAVING INCREASED THROUGHPUT
- RAMASSEUSE-PRESSE A COUTEAU D'ENTREE PRESENTANT UN RENDEMENT ACCRU

(71) **AGCO CORPORATION** [US/US]; 4205 River Green Parkway, Duluth, GA 30096 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHRAG, Thomas, G.** [US/US]; 4428 Harvest Lane, Hesston, KS 67062 (US). **ESAU, Edward, W.** [US/US]; Route 1, Box 105, Hesston, KS 67062 (US). **O'HALLORAN, Keith** [US/US]; 321 Amos, Hesston, KS 67062 (US).

(74) **TIMMONS, Stephen, D.**; Hovey Williams LLP, 2405 Grand Boulevard, Suite 400, Kansas City, MO 64108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **B30B 1/26**

(11) **WO 2004/043683** (13) A1

(21) PCT/KR2003/002414

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 20-2002-0033782 **12 Nov/nov 2002 KR (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CRANK PRESS**

• **PRESSE A VILEBREQUIN**

(71, 72) **HUH, Myung Ho** [KR/KR]; 1055-52, Kwangan-dong, Sooyung-ku, Pusan 613-100 (KR).

(74) **KIM, Yoon Bae**; Kims and Lees International Patent and Law Offices, 8th Floor, Dongduk Building 151-8, Kwanhoon-Dong, Jongro-Ku, Seoul 110-300 (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

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(51)⁷ **B31B 23/64, 23/14, 23/84, B65B 3/04**

(11) **WO 2004/043684** (13) A1

(21) PCT/US2002/035795

(22) **8 Nov/nov 2002 (08.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • **APPARATUS FOR MANUFACTURING AND FILLING PLASTIC BAGS**

• **APPAREIL A SCELLER DESTINE A LA FABRICATION ET AU REMPLISSAGE DE SACS EN PLASTIQUE**

(71) **PDC FACILITIES, INC.** [US/US]; 700 Walnut Ridge Drive, Hartland, WI 53029 (US).

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

(72, 75) **WOODS, Elmer, B.** [US/US]; 2108 Hemlock Street, West Bend, WI 53090 (US).

BLIEFNICK, Bruce, A. [US/US]; 120 Guindon Boulevard, Fond du Lac, WI 54935 (US).

(74) **LASKA, Casimir, F.**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

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

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

(51)⁷ **B31D 5/00**

(11) **WO 2004/043685** (13) A2

(21) PCT/DE2003/003798

(22) **14 Nov/nov 2003 (14.11.2003)**

(25) de (26) de

(30) 102 52 941.8 **14 Nov/nov 2002 DE (14.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD FOR THE PRODUCTION OF A SANDWICH STRUCTURE FOR A SANDWICH COMPOSITE**

• **PROCEDE DE FABRICATION D'UNE STRUCTURE CENTRALE POUR UN COMPOSITE SANDWICH**

(71) **AIRBUS DEUTSCHLAND GMBH** [DE/DE]; Kreetzslag 10, 21129 Hamburg (DE).

(72) **KEHRLE, Rainer**; Gutenbergstrasse 120, 70197 Stuttgart (DE).

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

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

(51)⁷ **B32B 3/00, 3/20, D02G 3/00, B29C 47/00, A23G 1/22**

(11) **WO 2004/043686** (13) A1

(21) PCT/US2003/035935

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/293,005 **13 Nov/nov 2002 US (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **THERMOPLASTIC MOLDING PROCESS AND APPARATUS**

• **APPAREIL ET PROCEDE DE MOULAGE THERMOPLASTIQUE**

(71) **THERMOPLASTIC COMPOSITE DESIGNS, INC.** [US/US]; 7400 State Road #46, Mims, FL 32745 (US).

(72) **POLK, Dale, E., Jr.**; 7483 Windover Way, Titusville, FL 32780 (US). **POLK, Dale, E., Sr.**; 101 River Park Blvd., Titusville, FL 32780 (US).

(74) **GOPALAKRISHNAN, Lekha**; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

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

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

Declarations / Déclarations :

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

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

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

(51)⁷ B32B 3/28, 29/08

(11) WO 2004/043687 (13) A1

(21) PCT/SE2003/001733

(22) 11 Nov/nov 2003 (11.11.2003)

(25) sv (26) en

(30) 0203353-8 12 Nov/nov 2002 SE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CORRUGATED PRODUCT
• PRODUIT ONDULE

(71) WELLPLAST AB [SE/SE]; Ellenbergavä-
gen 13, S-266 32 Munka-Ljungby (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JÖNSSON, Anders [SE/SE]; Erik
Dahlbergsgatan 58, S-252 40 Helsing-
borg (SE). VOLCKERTS, Jacob [SE/SE];
Hjälmskullsgatan 14 A, S-254 41 Helsing-
borg (SE). INGVARSSON, Jörgen [SE/SE];
Strandgatan 3, S-262 32 Ängelholm (SE).
PETERSSON, Mikael [SE/SE]; Norra
Kyrkogatan 8, S-252 23 Helsingborg (SE).

(74) HANSSON THYRESSON PATENT-
BYRÅ AB; Box 73, S-201 20 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B32B 3/28, 29/08

(11) WO 2004/043688 (13) A1

(21) PCT/SE2003/001734

(22) 11 Nov/nov 2003 (11.11.2003)

(25) sv (26) en

(30) 0203353-8 12 Nov/nov 2002 SE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CORRUGATED PRODUCT
• PRODUIT ONDULE

(71) WELLPLAST AB [SE/SE]; Ellenbergavä-
gen 13, S-266 32 Munka-Ljungby (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JÖNSSON, Anders [SE/SE]; Erik
Dahlbergsgatan 58, S-252 40 Helsing-
borg (SE). VOLCKERTS, Jacob [SE/SE];
Hjälmskullsgatan 14 A, S-254 41 Helsing-
borg (SE). INGVARSSON, Jörgen [SE/SE];
Strandgatan 3, S-262 32 Ängelholm (SE).
PETERSSON, Mikael [SE/SE]; Norra
Kyrkogatan 8, S-252 23 Helsingborg (SE).

(74) HANSSON THYRESSON PATENT-
BYRÅ AB; Box 73, S-201 20 Malmö (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B32B 5/32, 27/32, B65D 81/07, 5/50

(11) WO 2004/043689 (13) A1

(21) PCT/IB2003/005176

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 10/293,695 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LAYERED STRUCTURES WITH EN-
HANCED PROPERTIES
• STRUCTURES EN COUCHES A PRO-
PRIETES AMELIOREES

(63) US 10/293,695 (CIP)
14 Nov/nov 2002 (14.11.2002)

(71) EPOLI - ESPUMAS DE POLIETILENO
SA [PT/PT]; Grova, Alvarelos, Trofa,
4471-908 Avioso, 4471-901 Avioso Santa
Maria (PT).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ELIAS DE AZEVEDO, Jose, Filipe
[PT/PT]; Rua Nova de Quires No. 8, 4470
Vila Nova da Telha (Maia) (PT).

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

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

(51)⁷ B32B 15/04, A61J 1/00, B65D 30/02, 65/40

(11) WO 2004/043690 (13) A1

(21) PCT/JP2002/011878

(22) 14 Nov/nov 2002 (14.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTILAYER SHEET AND PACK-
AGING MATERIAL FOR FOOD,
MEDICINE, AND TOOL FOR FOOD,
MEDICINE, AND TOOL

• FEUILLE MULTICOUCHE ET MA-
TERIAU D'EMBALLAGE POUR ALI-
MENTS ET MEDICAMENTS, OU-
TIL POUR ALIMENTS ET MEDICA-
MENTS, ET OUTIL

(71) KABUSHIKI KAISHA HOSOKAWA
YOKO [JP/JP]; 11-5, Niban-cho, Chiy-
oda-ku, Tokyo 102-0084 (JP).

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

(71, 72) NISHIYAMA, Katsuhiko [JP/JP];
2090-49, Fukawa, Tone-machi, Kita-
soma-gun, Ibaraki 300-1622 (JP). ABE,
Masahiko [JP/JP]; 58-71, Ohdonoi,
Noda-shi, Chiba 278-0017 (JP).

(72, 75) KUGE, Raizo [JP/JP]; c/o Kabushiki
Kaisha Hosokawa Yoko, 11-5, Niban-cho,
Chiyoda-ku, Tokyo 102-0084 (JP). NIWA,
Susumu [JP/JP]; c/o Kabushiki Kaisha
Hosokawa Yoko, 11-5, Niban-cho, Chiy-
oda-ku, Tokyo 102-0084 (JP).

(74) KITAZAWA, Kazuhiro et al. / etc.;
6F, Sigma Yushima Bldg., 37-4, Yushima
3-chome, Bunkyo-ku, Tokyo 113-0034 (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 KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ OM PH PL PT RO RU SD
SE SG SI SK SL TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW.

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

(51)⁷ B32B 15/04, F03B 3/12, B29B 9/00, C23C
8/00, 16/00

(11) WO 2004/043691 (13) A1

(21) PCT/US2003/036035

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,524 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXTREMELY STRAIN TOLERANT
THERMAL PROTECTION COATING
AND RELATED METHOD AND APPA-
RATUS THEREOF

• REVETEMENT DE PROTECTION
THERMIQUE EXTREMEMENT RE-
SISTANT AUX CONTRAINTES, ET
PROCEDE ET DISPOSITIF ASSOCIES

(71) UNIVERSITY OF VIRGINIA PATENT
FOUNDATION [US/US]; 1224 West Main
Street, Suite 1-110, Charlottesville, VA 22903
(US).

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

(72, 75) WORTMAN, David, J. [US/US]; 5614
Liberty Woods Court, Hamilton, OH 45011
(US). WADLEY, Haydn, N., G. [US/US];
4922 Barnfield Drive, Keswick, VA 22947
(US).

(74) DECKER, Robert, J.; University of Vir-
ginia Patent Foundation, 1224 West Main
Street, Suite 1-110, Charlottesville, VA
22903 (US).

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

Published / Publiée : (c)

(51)⁷ B32B 18/00

(11) WO 2004/043692 (13) A1

(21) PCT/DE2003/003725

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 636.2 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CERAMIC MULTILAYER SUBSTRATE
AND METHOD FOR THE PRODUCTION
THEREOF

• SUBSTRAT MULTICOUCHE CERA-
MIQUE ET PROCEDE DE FABRICA-
TION DE CELUI-CI

(71) EPCOS AG [DE/DE]; St.-Martin-Str. 53,
81669 München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) AICHHOLZER, Klaus-Dieter
[AT/AT]; Schwanberger Str. 16, A-8530
Deutschlandsberg (AT). FOECKER, Aloys,
Josef [DE/AT]; Gressenberg 4, A-8541
Schwanberg (AT). HOFFMANN, Christian
[DE/AT]; Karl-Hubmann-Str. 8, A-8530
Deutschlandsberg (AT).

(74) EPPING HERMANN FISCHER PATEN-
TANWALTSGESELLSCHAFT MBH;
P.O. Box 200734, 80007 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 NI NO NZ OM PG PH PL PT RO
RU SC SD SE SG SK SL SY TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 25/08, 27/20, A61F 13/15

(11) WO 2004/043693 (13) A1

(21) PCT/US2003/024196

(22) 1 Aug/août 2003 (01.08.2003)

(25) en (26) en

(30) 10/293,253 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BREATHABLE ELASTIC MULTI-
LAYER FILM AND METHOD OF
MAKING A BREATHABLE ELAS-
TIC MULTILAYER FILM

• FILM MULTICOUCHE ELASTIQUE,
PERMEABLE A L'AIR ET PROCEDE
DE FABRICATION D'UN FILM MULTI-
COUCHE ELASTIQUE, PERMEABLE
A L'AIR

(71) KIMBERLY-CLARK WORLDWIDE,
INC. [US/US]; 401 N. Lake Street, Neenah,
WI 54956 (US).

(72) THOMAS, Oomman, Painumoottil; 280
Relais Trace, Alpharetta, GA 30004 (US).
TOPOLKARAEV, Vasily, Aramovich;
1730 South Lee Street, Appleton, WI 54915
(US). SMITH, Stephen, Clark; 1280 May-
fair Drive, Atlanta, GA 30324-3225 (US).
SHAWVER, Susan, Elaine; 2010 Pearwood
Path, Roswell, GA 30076 (US).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 27/06, 27/26, B65D 65/40

(11) WO 2004/043694 (13) A1

(21) PCT/SE2003/001750

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 0203350-4 13 Nov/nov 2002 SE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TRANSPARENT PLASTIC GAS BAR-
RIER PACKAGING LAMINATE

• LAMINE D'EMBALLAGE EN PLAS-
TIQUE TRANSPARENT A EFFET DE
BARRIERE CONTRE LES GAZ

(71) TETRA LAVAL HOLDINGS & FI-
NANCE S.A. [CH/CH]; Av. Général-Guisan
70, CH-1009 PULLY (CH).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ANDRÉN, Sven [SE/SE]; Älgskyttevä-
gen 19, S-22653 LUND (SE). OLOFSSON,
Torsten [SE/CH]; Rte de la Bella-Croix 4,
CH-1680 ROMONT (CH). BÜRKI, Monika
[CH/CH]; Petite Route 2, CH-1061 VIL-
LARS MENDRAZ (CH).

(74) PERSSON, Eva; AB TETRA PAK, Cen-
tral Patent Department, Ruben Rausing's gata,
S-221 86 LUND (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B32B 27/08, 7/02, A61F 13/15

(11) WO 2004/043695 (13) A1

(21) PCT/US2003/024248

(22) 1 Aug/août 2003 (01.08.2003)

(25) en (26) en

(30) 10/293,915 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILM WITH CORRUGATED MICRO-
LAYERS HAVING IMPROVED PROP-
ERTIES

• FILM A MICROCOUCHES ONDULEES
POSSEDANT DES PROPRIETES AME-
LIOREES

(71) KIMBERLY-CLARK WORLDWIDE,
INC. [US/US]; 401 N. Lake Street, Neenah,
WI 54956 (US).

(72) TOPOLKARAEV, Vasily, A.; 1730 South
Lee Street, Appleton, WI 54915 (US).

(74) STOVER, Andrew, D. 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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 27/08, 5/22, 5/02, C08K 3/08

(11) WO 2004/043696 (13) A1

(21) PCT/US2003/029258

(22) 17 Sep/sep 2003 (17.09.2003)

(25) en (26) en

(30) 2002-325450 8 Nov/nov 2002 JP
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILM HAVING A METALLIC APPEAR-
ANCE

• FILM PRESENTANT UN ASPECT ME-
TALLIQUE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **OOTA, Hiroshi**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **SAITOH, Tsuneyoshi**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

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

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

(51)⁷ **B41F 13/02**

(11) **WO 2004/043697** (13) A1

(21) PCT/KR2003/002204

(22) **21 Oct/oct 2003 (21.10.2003)**

(25) en (26) en

(30) 10-2002-0070290 **13 Nov/nov 2002 KR (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **ROTARY PRESS FOR FOUR-COLOR DOUBLE-SIDE PRINTING**
• **PRESSE ROTATIVE POUR UNE IMPRESSION DOUBLE FACE QUADRICOLORE**

(71, 72) **CHO, Chung** [KR/KR]; 3094 Seongnam-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do 426-826 (KR).

(74) **LEE, Jae Hwa**; 4th floor, Duck chun B/D, 718-10, Yoksam 1-dong, Kangnam-ku, Seoul, 135-081 (KR).

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

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

(51)⁷ **B41F 33/00, G06F 17/60**

(11) **WO 2004/043698** (13) A1

(21) PCT/CA2003/001735

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 2,411,487 **12 Nov/nov 2002 CA (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **REMOTE MONITORING OF CONSUMABLES FOR A COMPUTER TO PLATE IMAGING SYSTEM**

• **CONTROLE A DISTANCE DE CONSOMMABLES D'UN SYSTEME D'EXPOSITION DIRECTE DES PLAQUES**

(71) **CREO INC.** [CA/CA]; 3700 Gilmore Way, Burnaby, British Columbia V5G 4M1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KALBFLEISCH, John, G.** [CA/CA]; 1108 - 1723 Alberni Street, Vancouver, British Columbia V6G 3G9 (CA). **MANNESS, Douglas** [CA/CA]; 777 Friar Crescent, North Vancouver, British Columbia V7G 1M5 (CA).

(74) **MANNING, Gavin, N. et al.** / etc.; Oyen Wiggs Green & Mutala, 480 The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 **B41J 2/175**

(11) **WO 2004/043699** (13) A1

(21) PCT/CN2003/000935

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

(25) zh (26) zh

(30) 02151924.2 **12 Nov/nov 2002 CN (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **INK CARTRIDGE FOR AN INKJET PRINTER**

• **CARTOUCHE D'ENCRE POUR IMPRIMANTE A JET D'ENCRE**

(71) **PRINT-RITE, UNICORN IMAGE PRODUCTS CO., LTD. OF ZHUHAI** [CN/CN]; No. 32, Rd. Ping Bei Yi Lu, Nanping Technological Industries Park, Zhuhai, Guangdong 519060 (CN).

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

(72, 75) **TIAN, Yongzhong** [CN/CN]; Room 401, 7 Block, Huayuan Garden, No. 57 Changping Road, Zhuai, Guangdong 519020 (CN).

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

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

Declarations / Déclarations :

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

(51)⁷ **B41J 2/205, 2/21**

(11) **WO 2004/043700** (13) A1

(21) PCT/FR2003/003314

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

(25) fr (26) fr

(30) 02/14057 **8 Nov/nov 2002 FR (08.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **COLOUR INK-JET PRINTING METHOD WITH OPTIMIZED NUMBER OF DEPOSITED DROPLETS AND CORRESPONDING PRINTER**

• **PROCEDE D'IMPRESSION A JET D'ENCRE COULEUR A OPTIMISATION DU NOMBRE DE GOUTTES DEPOSEES ET IMPRIMANTE CORRESPONDANTE**

(71) **GEMPLUS** [FR/FR]; Parc d'Activité de Gémenos, Avenue du Pic-de Bertagne, F-13420 Gemenos (FR).

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

(72, 75) **SARRA-BOURNET, Philippe** [FR/FR]; 1570 RN7 Celony, F-13190 Aix en Provence (FR). **MARIETTI, Jean-Paul** [FR/FR]; 14, chemin du Jas, Lieu-dit "Les Prés Neufs", F-13850 Greasque (FR).

(74) **MILHARO, Emilien**; Parc d'Activités de Gémenos, Avenue du Pic de Bertagne, F-13381 Gémenos (FR).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

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

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

(t) for all designations / pour toutes les désignations

(51)⁷ B41J 2/205, 2/01

(11) WO 2004/043701 (13) A1

(21) PCT/JP2003/014372

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-329854 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRINTING DEVICE AND PRINTING METHOD

• DISPOSITIF D'IMPRESSION ET PROCEDE D'IMPRESSION

(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) **KUWAHARA, Soichi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **USHI-NOHAMA, Iwao** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **IKEMOTO, Yuichiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **NAKAMURA, Tomoyuki**; Miyoshi International Patent Office, 9th Floor, Toranomon Daichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR SG US.

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

(51)⁷ B41J 2/21, 3/407

(11) WO 2004/043702 (13) A1

(21) PCT/IL2003/000922

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,905 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USING CONTINUOUS SPRAY INKJET SYSTEM FOR ACCURATELY PRINTING TITANIUM OXIDE BASED INKS

• UTILISATION D'UN SYSTEME DE JET D'ENCRE A PULVERISATION CONTINUE POUR UNE IMPRESSION PRECISE A L'AIDE D'ENCRES A BASE D'OXYDE DE TITANE

(71) **CREO IL. LTD.** [IL/IL]; 3 Hamada Street, P.O. Box 330, 46103 Herzlia (IL).

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

(72, 75) **GLASS, Boaz** [IL/IL]; 36 Migdal Haevanon Street, 71700 Modi in (IL). **FIGOV, Murray** [IL/IL]; 2/18 Schwartz Street, 43213 Ra'anana (IL).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 5/00, B41J 2/01

(11) WO 2004/043703 (13) A1

(21) PCT/JP2003/014354

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-328289 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INK-JET RECORDING MEDIUM AND PROCESS FOR PRODUCING THE SAME

• SUPPORT D'ENREGISTREMENT JET D'ENCRE ET SON PROCÉDÉ DE PRODUCTION

(71) **NIPPON PAPER INDUSTRIES CO., LTD.** [JP/JP]; 4-1, Ohji 1-chome, Kita-ku, Tokyo 114-0002 (JP).

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

(72, 75) **SUZUKI, Atsushi** [JP/JP]; Research Laboratory of Product Nippon Paper Industries Co., Ltd., 21-1, Ohji 5-chome, Kita-ku, Tokyo 114-0002 (JP). **TANAKA, Norifumi** [JP/JP]; Research Laboratory of Product Nippon Paper Industries Co., Ltd., 21-1, Ohji 5-chome, Kita-ku, Tokyo 114-0002 (JP). **YOSHIDA, Tadashi** [JP/JP]; Research Laboratory of Product Nippon Paper Industries Co., Ltd., 21-1, Ohji 5-chome, Kita-ku, Tokyo 114-0002 (JP). **KAWASHIMA, Masanori** [JP/JP]; Harima Chemicals, Inc., 671-4, Mizuashi, Noguchicho, Kakogawa-shi, Hyogo 675-0019 (JP). **HASHIGUCHI, Yoshiharu** [JP/JP]; Harima Chemicals, Inc., 671-4, Mizuashi, Noguchicho, Kakogawa-shi, Hyogo 675-0019 (JP). **MATSUNAGA, Yoko** [JP/JP]; Harima Chemicals, Inc., 671-4, Mizuashi, Noguchicho, Kakogawa-shi, Hyogo 675-0019 (JP).

(74) **AKAO, Kenichiro et al.** / etc.; 4kai, Kyobashi-Nichiei Biru, 3-4, Kyobashi 3-chome, Chuo-ku, Tokyo 104-0031 (JP).

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

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

Published / Publiée : (a)

(51)⁷ B41M 5/26, C09D 133/12, 129/04, 4/00, C08K 5/19, C03C 1/725

(11) WO 2004/043704 (13) A1

(21) PCT/GB2003/004894

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 0226383.8 12 Nov/nov 2002 GB (12.11.2002)

(30) 0317860.5 30 Jul/juil 2003 GB (30.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF TRANSITION METAL COMPOUNDS IN IMAGEABLE COATINGS

• UTILISATION DE COMPOSES DE METAUX DE TRANSITION DANS DES REVETEMENTS DE FORMATION D'IMAGES

(71) **SHERWOOD TECHNOLOGY LIMITED** [GB/GB]; Unit 3, Wheldon Road, Widnes, Cheshire WA8 8FW (GB).

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

(72, 75) **STUBBS, Brian** [GB/GB]; Sherwood Technology Limited, Heathcoat Building, Nottingham Science & Technology Park, University Boulevard, Nottingham NG7 2QJ (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ **B42D 3/00, 3/04**

(11) **WO 2004/043705** (13) A1

(21) PCT/US2003/035763

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) 60/425,671 **11 Nov/nov 2002 (11.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **ELASTOMERIC BOOK COVER**

• COUVERTURE DE LIVRE ELASTOMERE

(71) **KITTRICH CORPORATION** [US/US]; 14555 Alondra Boulevard, La Mirada, CA 90638 (US).

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

(72, 75) **SILVERMAN, Robert, S.** [US/US]; 4150 Linden Avenue, Long Beach, CA 90807 (US).

(74) **REINER, Kevin, L.** et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).

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

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

Published / Publiée : (c)

(51)⁷ **B42D 15/00**

(11) **WO 2004/043706** (13) A1

(21) PCT/EP2002/012643

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD OF MANUFACTURING A SECURITY THREAD HAVING AN EMBEDDED MICROCHIP, SECURITY THREAD AND DOCUMENT COMPRISING THE THREAD**

• PROCEDE DE PRODUCTION D'UN FIL DE SECURITE POURVU D'UNE MICROPUCE INTEGREE, FIL DE SECURITE ET DOCUMENT DOTE DE CE FIL DE SECURITE

(71) **MANTEGAZZA ANTONIO ART GRAFICHI S.R.L.** [IT/IT]; Via Milano, 71, I-20021 Bollate (IT).

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

(72, 75) **LAZZERINI, Maurizio** [IT/IT]; c/o Mantegazza Antonio Art Grafichi S.r.l., Via Milano, 71, I-20021 Bollate (IT).

(74) **LESON, Thomas, Johannes, Alois**; TBK-Patent, Bavariaring 4-6, D-80336 München (DE).

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

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

(51)⁷ **B42D 15/04**

(11) **WO 2004/043707** (13) A1

(21) PCT/IL2002/000906

(22) **13 Nov/nov 2002 (13.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • **A GREETING CARD**

• CARTE DE VOEUX

(71, 72) **FRENKEL, Aliza** [IL/IL]; 11 HaReches Street, 69699 Tel Aviv (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O.B. 4060, 61040 Tel Aviv (IL).

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

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

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

(51)⁷ **B42D 15/10, B32B 7/06**

(11) **WO 2004/043708** (13) A1

(21) PCT/AU2003/001505

(22) **14 Nov/nov 2003 (14.11.2003)**

(25) en (26) en

(30) 2002952669 **14 Nov/nov 2002 (14.11.2002)** AU

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TAMPER EVIDENT SECURITY DOCUMENT**

• DOCUMENT DE SECURITE INFALSIFIABLE

(71) **SECURENCY PTY LTD** [AU/AU]; Hume Highway, Craigieburn, Victoria 3064 (AU).

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

(72, 75) **NEMETH, Joshua, Robert** [AU/AU]; 17/129 Ormond Esplanade, Elwood, Victoria 3184 (AU).

(74) **FREEHILLS CARTER SMITH BEADLE**; Level 43, 101 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **B42F 3/00, 13/16**

(11) **WO 2004/043709** (13) A1

(21) PCT/NL2002/000728

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • **A STORAGE DEVICE AND A SYSTEM COMPRISING SUCH A STORAGE DEVICE**

• DISPOSITIF DE STOCKAGE ET SYSTEME COMPRENANT UN TEL DISPOSITIF DE STOCKAGE

(71) **NIVO OFFICE PRODUCTS B.V.** [NL/NL]; 2 Transito, NL-6909 DA Babberich (NL).

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

(72, 75) **GOES, Jacobus, Antonius** [NL/NL]; 35 Oudenrijnsingel, NL-3454 BJ De Meern (NL).

(74) **BARENDREGT, F.**; Exter Polak & Charlois B.V., P.O. Box 3241, NL-2288 EC Rijswijk (NL).

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

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

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

(51)⁷ B42F 13/00

(11) WO 2004/043710 (13) A1

(21) PCT/NL2003/000794

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) PCT/NL02/00728 12 Nov/nov 2002 IB
(12.11.2002)

(30) PCT/NL03/00052 24 Jan/jan 2003 IB
(24.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A STORAGE DEVICE AND A SYSTEM
COMPRISING SUCH A STORAGE DE-
VICE

• DISPOSITIF DE STOCKAGE ET SYS-
TEME COMPRENANT LEDIT DISPO-
SITIF DE STOCKAGE

(71) NIVO OFFICE PRODUCTS B.V.
[NL/NL]; 2 Transito, NL-6909 DA Bab-
berich (NL).

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

(72, 75) GOES, Jacobus, Antonius [NL/NL];
35 Oudenrijnsingel, NL-3454 BJ De Meern
(NL).

(74) JENNEN, P.L.H.; Exter Polak & Charlouis
B.V., P.O. Box 3241, NL-2280 GE Rijswijk
(NL).

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

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

(51)⁷ B43L 1/08, 1/00

(11) WO 2004/043711 (13) A1

(21) PCT/US2003/036033

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,383 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WRITING BOARDS

• TABLEAUX D'ECRITURE

(63) US 10/293,383 (CON)
12 Nov/nov 2002 (12.11.2002)

(71) VELCRO INDUSTRIES B.V. [NL/NL];
Castorweg 22-24, Curacao (AN).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) GALLANT, Christopher, M. [US/US];
21 Ledge Farm Road, Nottingham, NH 03290
(US). LEVESQUE, Joseph, R. [US/US];
3 Tokanel Drive, Londonderry, NH 03053
(US). KINGSFORD, Howard, A. [US/US];
4 Winterbury Drive, Amherst, NH 03031
(US). SCHNORBERGER, Thomas J.
[US/US]; 1370 Hollywood Drive, Monroe,
MI 48162 (US).

(74) BABINEAU, James, W.; Fish & Richardson
P.C., 225 Franklin Street, Boston, MA 02110-
2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
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PH PL PT RO RU SC SD SE SG SK SL SY
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YU ZA ZM ZW.

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

Published / Publiée : (c)

(51)⁷ B44C 7/02, 7/04, 7/00, B44D 3/12

(11) WO 2004/043712 (13) A1

(21) PCT/GB2002/005154

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • STORAGE OF VISCOUS SUBSTANCES

• STOCKAGE DE SUBSTANCES VIS-
QUEUSES

(71, 72) KEYES, Stephen [GB/GB]; 4a Jericho
Farm Close, Aigburth, Liverpool L17 5AW
(GB).

(74) KEYES, Stephen; 4a Jericho Farm Close,
Aigburth, Liverpool L17 5AW (GB).

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

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

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Declarations / Déclarations :

(r) for all designations / pour toutes les
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(u) for / pour US only / seulement
(v) for all designations / pour toutes les
désignations

(51)⁷ B60B 33/02

(11) WO 2004/043713 (13) A1

(21) PCT/SE2003/001744

(22) 11 Nov/nov 2003 (11.11.2003)

(25) sv (26) en

(30) 0203340-5 11 Nov/nov 2002 SE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A BREAKED CASTOR WHEEL
MEANS AND AN OFFICE CHAIR
OR A WORK CHAIR

• ENSEMBLE ROUE PIVOTANTE A
FREIN ET FAUTEUIL DE BUREAU OU
FAUTEUIL DE TRAVAIL

(71) RVS EUROFLEX AB [SE/SE]; Box 1179,
S-144 37 Huddinge (SE).

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

(72, 75) ENGSTRÖM, Bengt, Åke [SE/SE];
Lingonstigen 65, S-144 37 Rönninge (SE).

(74) KARLSSON, Leif et al. / etc.; Groth & Co.
KB, Box 6107, S-102 32 Stockholm (SE).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ 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).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 B60C 5/20

(11) WO 2004/043714 (13) A1

(21) PCT/EG2003/000005

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 200211/1237 12 Nov/nov 2002 EG
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • RUBBER TYRE FOR VEHICLES WITH SEVERAL PISTON RINGS
• PNEUMATIQUE EN CAOUTCHOUC POUR VEHICULE DOTE DE PLUSIEURS SEGMENTS DE PISTON

(71, 72) ABO OMAR, Al Hasanean Abdo Al Hasanean [EG/EG]; Al Asar El Awal Masque Next to, Abo Omar Building, Dameita (EG).

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

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

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Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ B60C 17/04, 17/04, 17/06

(11) WO 2004/043715 (13) A1

(21) PCT/JP2003/010502

(22) 20 Aug/août 2003 (20.08.2003)

(25) ja (26) ja

(30) 2002/330827 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • TIRE/WHEEL ASSEMBLY
• ENSEMBLE PNEU/ROUE

(71) THE YOKOHAMA RUBBER CO., LTD. [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-8685 (JP).

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

(72, 75) KURAMORI, Akira [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP). NAITO, Mitsuru [JP/JP]; c/o The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-8601 (JP).

(74) OGAWA, Shin-ichi et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Toranomon 11 Mori Building, 6-4, Toranomon 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN DE KR US.

(51)⁷ B60G 5/04, 21/045, 7/00

(11) WO 2004/043716 (13) A1

(21) PCT/EP2003/012442

(22) 7 Nov/nov 2003 (07.11.2003)

(25) de (26) de

(30) 102 53 060.2 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • TANDEM AXLE
• ESSIEU DOUBLE

(71, 72) WEILAND, Max [DE/DE]; Am Mittelberg 6A, 37213 Witzenhausen (DE).

(74) REHBERG+HÜPPE; Nikolausberger Weg 62, 37073 Göttingen (DE).

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

Published / Publiée : (c)

(51)⁷ B60G 11/22

(11) WO 2004/043717 (13) A1

(21) PCT/US2003/034253

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/288,232 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • BUSHING WITH PERFORMANCE TUNING FEATURES
• DOUILLE PRESENTANT DES CARACTERISTIQUES DE REGLAGE DE PERFORMANCE

(71) THE BOLER COMPANY [US/US]; 500 Park Boulevard, Itasca, IL 60143 (US).

(72) DUDDING, Ashley, Thomas; 5010 Saint Andrews Drive, Plainfield, IL 60544 (US). COLLYER, Brent, R.; 1077 Henry Street, Wellesley, Ontario N0B 2T0 (CA). ADEMA, Daniel, R.; 36 Dawn Ridge Drive, Kitchener, Ontario N2N 3J7 (CA). FORREST, Chris; 207 Yukon Pass, Auburn, IN 46706 (US).

(74) MCGEE, Michael, J.; Cook, Alex, McFar-ron, Manzo, Cummings & Mehler, Lt, d., Suite 2850, 200 West Adams Street, 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 (Utility model / modèle d'utilité) DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) ES FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) 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 B60G 21/055, 21/05, 11/62, 11/20

(11) WO 2004/043718 (13) A1

(21) PCT/FR2003/003281

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/14009 8 Nov/nov 2002 FR
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • FLEXIBLE ANTI-ROLL BAR BRACE
• RENFORT SOUPLE DE BARRE ANTI-DEVERS

(71) AUTO CHASSIS INTERNATIONAL [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) TAUPIN, Laurent [FR/FR]; 29, rue de l'Ardoire, F-72000 Le Mans (FR).

(74) GUYON, Rodolphe; Renault Technocentre, Ssc 0267 TCR GRA 155, 1, avenue du Golf, F-78288 Guyancourt (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043719 (13) A2

(21) PCT/US2003/030911

(22) 30 Sep/sep 2003 (30.09.2003)

(25) en (26) en

(30) 60/424,994 8 Nov/nov 2002 US
(08.11.2002)

(30) 10/434,862 9 May/mai 2003 US
(09.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • INTERCHANGEABLE AIR VENT ASSEMBLY AND VEHICLES INCORPORATING SAME
• ENSEMBLE BOUCHE D'AERATION INTERCHANGEABLE ET VEHICULES COMPRENANT CELUI-CI

(71) COLLINS & AIKMAN PRODUCTS CO. [US/US]; 250 Stephenson Highway, Troy, MI 48083 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JANKOWSKI, Ireneusz [CA/CA]; 96 Formosa Drive, Richmond Hill, Ontario L4S

- 1T1 (CA). **HAVIDIC, Dejan** [CA/CA]; 50 Graydon Hall Drive, Apt. 2002, Toronto, Ontario M3A 3A5 (CA). **GEHRING, Thomas, F., J.** [DE/CA]; 20 Dunmurray Blvd., Scarborough, Ontario M1T 2J9 (CA).
- (74) **MYERS BIGEL SIBLEY & SAJOVEC, P.A.**; P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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**
- (11) **WO 2004/043720** (13) A2
- (21) PCT/US2003/031016
- (22) **29 Sep/sep 2003 (29.09.2003)**
- (25) en (26) en
- (30) 60/424,993 **8 Nov/nov 2002** US
(08.11.2002)
- (30) 10/442,422 **21 May/mai 2003** US
(21.05.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AIR DUCT OUTLET WITH JOYSTICK LOUVER CONTROL
- ORIFICE D'EVACUATION D'UN CONDUIT D'AIR AVEC COMMANDE DES VOILETS AU MOYEN D'UNE MANETTE
- (71) **COLLINS & AIKMAN PRODUCTS CO.** [US/US]; 250 Stephenson Highway, Troy, MI 48083 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GEHRING, Thomas, F., J.** [DE/CA]; 20 Dunmurray Boulevard, Scarborough, Ontario M1T 2J9 (CA). **JANKOWSKI, Ireneusz** [CA/CA]; 96 Formosa Drive, Richmond Hill, Ontario L4S 1T1 (CA). **HAVIDIC, Dejan** [CA/CA]; 50 Graydon Hall Drive, Apt. 2002, Toronto, Ontario M3A 3A5 (CA).
- (74) **BODDIE, Needham, J., II et al.** / etc.; Myers Bigel Sibley & Sajovec, P.A., P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B60J 5/04, B60R 13/02, E05B 65/20**
- (11) **WO 2004/043722** (13) A2
- (21) PCT/EP2003/012698
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) de (26) de
- (30) 102 53 636.8 **13 Nov/nov 2002** DE
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • VEHICLE DOOR
- PORTIERE D'AUTOMOBILE
- (71) **FAURECIA INNENRAUM SYSTEME GMBH** [DE/DE]; Faureciastr. 1, 76767 Hagenbach (DE).

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

- (51)⁷ **B60H**
- (11) **WO 2004/043721** (13) A2
- (21) PCT/US2003/031711
- (22) **7 Oct/oct 2003 (07.10.2003)**
- (25) en (26) en
- (30) 60/424,993 **8 Nov/nov 2002** US
(08.11.2002)
- (30) 60/441,449 **21 Jan/jan 2003** US
(21.01.2003)
- (30) 10/442,772 **21 May/mai 2003** US
(21.05.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AIR DUCT OUTLETS WITH REMOTELY-LOCATED JOYSTICK LOUVER CONTROLS
- ORIFICES DE SORTIE D'UN CONDUIT DE VENTILATION A COMMANDES DISTANTES POUR LOUVRE A LEVIER DE COMMANDE
- (71) **COLLINS & AIKMAN PRODUCTS CO.** [US/US]; 250 Stephenson Highway, Troy, MI 48083 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JANKOWSKI, Ireneusz** [CA/CA]; 96 Formosa Drive, Richmond Hill, Ontario L4S 1T1 (CA). **HAVIDIC, Dejan** [CA/CA]; 50 Graydon Hall Drive, Apt. 2002, Toronto, Ontario M3A 3A5 (CA). **GEHRING, Thomas, F., J.** [DE/CA]; 20 Dunmurray Blvd., Scarborough, Ontario M1T 2J9 (CA). **MCKER-RALL, Jeffrey, A.** [CA/CA]; 218 Atlas Avenue, Toronto, Ontario M6C 3P7 (CA).
- (74) **BODDIE, Needham J., II; MYERS BIGEL SIBLEY & SAJOVEC, P.A.**, P.O. Box 37428, Raleigh, NC 27627 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 7/20**
- (11) **WO 2004/043723** (13) A2
- (21) PCT/DE2003/003679
- (22) **6 Nov/nov 2003 (06.11.2003)**
- (25) de (26) de
- (30) 102 52 987.6 **14 Nov/nov 2002** DE
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CABRIOLET VEHICLE COMPRISING A RETRACTABLE SOFT-TOP
- VEHICULE DE TYPE CABRIOLET POURVU D'UNE CAPOTE ESCAMOTABLE
- (71) **WILHELM KARMANN GMBH** [DE/DE]; Karmannstrasse 1, 49084 Os-nabrück (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HABACKER, Norbert** [DE/DE]; Niedersachsenstrasse 36 a, 49565 Bram-sche (DE).
- (81) AU CA CN JP KR MX NZ RU US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **B60K**
- (11) **WO 2004/043724** (13) A2
- (21) PCT/US2003/034862
- (22) **30 Oct/oct 2003 (30.10.2003)**
- (25) en (26) en
- (30) 60/424,995 **8 Nov/nov 2002** US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DRIVER-ACCESSIBLE STORAGE COMPARTMENTS FOR PASSENGER VEHICLES
- COMPARTIMENTS DE RANGEMENT ACCESSIBLE AU CONDUCTEUR POUR VEHICULE DE TOURISME

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

- (72, 75) **GABSCH, Steffen** [DE/DE]; Am Hang 2B, 36219 Cornberg (DE). **VOIGT, Martin** [DE/DE]; Krugkamp 3, 31162 Bad Salzdet-furth (DE). **KLUSMANN, Rainer** [DE/DE]; Meissnerstrasse 32, 34233 Fuldatal (DE).
- (74) **PFENNING MEINIG & PARTNER GBR**; Joachimstaler Strasse 10-12, 10719 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **B60J 7/20**
- (11) **WO 2004/043723** (13) A2
- (21) PCT/DE2003/003679
- (22) **6 Nov/nov 2003 (06.11.2003)**
- (25) de (26) de
- (30) 102 52 987.6 **14 Nov/nov 2002** DE
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CABRIOLET VEHICLE COMPRISING A RETRACTABLE SOFT-TOP
- VEHICULE DE TYPE CABRIOLET POURVU D'UNE CAPOTE ESCAMOTABLE
- (71) **WILHELM KARMANN GMBH** [DE/DE]; Karmannstrasse 1, 49084 Os-nabrück (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HABACKER, Norbert** [DE/DE]; Niedersachsenstrasse 36 a, 49565 Bram-sche (DE).
- (81) AU CA CN JP KR MX NZ RU US ZA.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **B60K**
- (11) **WO 2004/043724** (13) A2
- (21) PCT/US2003/034862
- (22) **30 Oct/oct 2003 (30.10.2003)**
- (25) en (26) en
- (30) 60/424,995 **8 Nov/nov 2002** US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DRIVER-ACCESSIBLE STORAGE COMPARTMENTS FOR PASSENGER VEHICLES
- COMPARTIMENTS DE RANGEMENT ACCESSIBLE AU CONDUCTEUR POUR VEHICULE DE TOURISME

(71) **COLLINS & AIKMAN PRODUCTS CO.** [US/US]; 250 Stephenson Highway, Troy, MI 48083 (US).

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

(72, 75) **GEHRING, Thomas, F.J.** [CA/CA]; 20 Dunnmurray Blvd., Scarborough, Ontario M1T 2J9 (CA). **JANKOWSKI, Ireneusz** [CA/CA]; 96 Formosa Drive, Richmond Hill, Ontario L4S 1T1 (CA). **HAVIDIC, Dejan** [CA/CA]; 50 Graydon Hall Drive, Apt. 2002, Toronto, Ontario M3A 3A5 (CA).

(74) **MYERS BIGEL SIBLEY & SAJOVEC, P.A.**; P.O. Box 37428, Raleigh, NC 27627 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **B60K 5/12**

(11) **WO 2004/043725** (13) A1

(21) PCT/EP2003/011862

(22) **25 Oct/oct 2003 (25.10.2003)**

(25) de (26) de

(30) 102 52 384.3 **12 Nov/nov 2002 DE (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD FOR SUPPRESSING VIBRATIONS**

• **PROCEDE D'AMORTISSEMENT DE VIBRATIONS**

(71) **AUDI AG** [DE/DE]; 85045 Ingolstadt (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAHL, Hans-Ulrich** [DE/DE]; Schubertstrasse 11, 85139 Wettstetten (DE).

(74) **HOLZAPFEL, Dierk**; Audi AG, Abt. N/EK-7, 85045 Ingolstadt (DE).

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

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

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 ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 35/00, B60R 11/02**

(11) **WO 2004/043726** (13) A1

(21) PCT/ES2002/000528

(22) **13 Nov/nov 2002 (13.11.2002)**

(25) es (26) es

(43) 27 May/mai 2004 (27.05.2004)

(54) • **INFORMATION DISPLAY SYSTEM**

• **SYSTEME D'AFFICHAGE D'INFORMATIONS**

(71, 72) **DELGADO ACARRETA, Raúl** [ES/ES]; Añón Baigorri N° 14, Izda., E-31500 Tudela (ES).

(74) **DE ELZABURU, Alberto; Miguel Angel**, 21, E-28010 Madrid (ES).

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

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

(51)⁷ **B60L 5/40**

(11) **WO 2004/043727** (13) A1

(21) PCT/FR2003/003337

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) fr (26) fr

(30) 02/14062 **8 Nov/nov 2002 FR (08.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PERMANENT CONTROL DEVICE FOR THE GROUNDING OF AN ELECTRIC PUBLIC TRANSPORT VEHICLE RUNNING ON TYRES AND WHICH IS SELF-GUIDED**

• **DISPOSITIF DE CONTROLE PERMANENT DE LA MISE A LA TERRE POUR UN VEHICULE DE TRANSPORT EN COMMUN ELECTRIQUE SUR PNEUS ET AUTOGUIDE**

(71) **LOHR INDUSTRIE** [FR/FR]; 29, rue du 14 Juillet, F-67980 Hangenbieten (FR).

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

(72, 75) **LOHR, Robert** [FR/FR]; Les Coteaux, F-67980 Hangenbieten (FR). **VERDIER, Laurent** [FR/FR]; 20 rue Schott, F-67000 Strasbourg (FR).

(74) **METZ, Paul**; Cabinet Metz Patni, B.P. 63, 63, rue de la Ganzau, 67024 Strasbourg Cedex (FR).

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

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

Published / Publiée : (c)

(51)⁷ **B60N**

(11) **WO 2004/043728** (13) A2

(21) PCT/US2003/034967

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 10/288,237 **5 Nov/nov 2002 US (05.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **SEAT ASSEMBLY WITH TUNABLE TIE BAR**

• **ENSEMBLE SIEGE AVEC ARMATURE DE LIAISON REGLABLE**

(71) **FISHER DYNAMICS CORPORATION** [US/US]; 33300 Freeway Drive, St. Clair Shores, MI 48082 (US).

(72) **BONK, Jeffrey, T.**; 36706 Suffolk, Clinton Township, MI 48035 (US). **ROBINSON, David, L.**; 35527 Indigo Drive, Sterling Heights, MI 48310 (US).

(74) **BROCK, Christopher, M. et al. / etc.**; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

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

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **B60N**

(11) **WO 2004/043729** (13) A2

(21) PCT/US2003/035789

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/292,237 **12 Nov/nov 2002 US (12.11.2002)**

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CHILD SAFETY RESTRAINING DEVICE FOR USE WHERE A CHILD IS SEATED
• DISPOSITIF DE RETENUE ET DE SECURITE POUR SIEGE D'ENFANT
- (71, 72) GRAUPNER, Mashelle, Anne [US/US]; 4 Fisherman's Bend, Hilton Head Island, SC 29926 (US). PAUL, Glennon, Harold [US/US]; 2420 Old Beardstown Road, Springfield, IL 62702 (US). PAUL, Andrew, A. [US/US]; 9140 Pinewood Drive, Loveland, OH 45140 (US).
- (74) PAUL, Andrew, A.; 9140 Pinewood Drive, Loveland, OH 45140 (US).
- (81) CA CN JP MX.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ B60N 2/00
(11) WO 2004/043730 (13) A2
(21) PCT/US2003/035537
(22) 7 Nov/nov 2003 (07.11.2003)
(25) en (26) en
(30) 60/425,225 8 Nov/nov 2002 US (08.11.2002)
(30) 60/454,379 13 Mar/mar 2003 US (13.03.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • THIN PROFILE FOLDING VEHICLE SEAT
• SIEGE DE VEHICULE PLIANT MINCE
- (71) JOHNSON CONTROLS TECHNOLOGY COMPANY [US/US]; 650 Waverly, Holland, MI 49423 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WHITE, Brennon, L. [US/US]; 2950 Woodbury Blvd., Commerce, MI 48390 (US). JONES, William, H. [US/US]; c/o Johnson Controls Technology Company, 47700 Halyard Drive, Plymouth, MI 48170 (US). SEIBOLD, Kurt [US/US]; 11896 Fair Way Drive, South Lyon, MI 48178 (US). DOXEY, Kyle, M. [US/US]; 1204 Arborview, Ann Arbor, MI 48103 (US). CONN, Patricia, L. [US/US]; 516 Georgetown Parkway, Fenton, MI 48430 (US). KING, Alan, J. [GB/US]; 2121 Charms Road, Wixom, MI 48393-1128 (US). CEMALOVIC, Vanja [US/US]; 18324 Pershing, Livonia, MI 48152 (US).
- (74) WILKE, James, A.; Foley & Lardner, 777 East Wisconsin Avenue, Suite 3800, Milwaukee, WI 53202-5306 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ B60N 2/06
(11) WO 2004/043732 (13) A1
(21) PCT/JP2003/014391
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 2002-328080 12 Nov/nov 2002 JP (12.11.2002)
(30) 2002-361748 13 Dec/déc 2002 JP (13.12.2002)
(30) 2003-000684 6 Jan/jan 2003 JP (06.01.2003)
(30) 2003-000685 6 Jan/jan 2003 JP (06.01.2003)
(30) 2003-000713 6 Jan/jan 2003 JP (06.01.2003)
(30) 2003-000716 6 Jan/jan 2003 JP (06.01.2003)
(30) 2003-000723 6 Jan/jan 2003 JP (06.01.2003)
- (30) 2003-000724 6 Jan/jan 2003 JP (06.01.2003)
- (30) 2003-000863 7 Jan/jan 2003 JP (07.01.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • POSITION SENSOR SYSTEM AND SLIDABLE VEHICLE SEAT PROVIDED WITH THE POSITION SENSOR SYSTEM
• SYSTEME CAPTEUR DE POSITION ET SIEGE DE VEHICULE COULISSANT EQUIPE DE CE SYSTEME
- (71) TS TECH CO., LTD. [JP/JP]; 7-27, Sakae-cho 3-chome, Asaka-shi, Saitama 351-0012 (JP).
- (72) YOSHIDA, Masami; Technical Center, TS Tech Co., Ltd., 118-1, Oaza Ota, Takanezawa-machi, Shioya-gun, Tochigi 329-1217 (JP). ENDO, Shigeru; Technical Center, TS Tech Co., Ltd., 118-1, Oaza Ota, Takanezawa-machi, Shioya-gun, Tochigi 329-1217 (JP).
- (74) TAKESHITA, Kazuo; 4F, Wing Hongoku Building, 4-4-11, Nihonbashi, Hongoku-cho, Chuo-ku, Tokyo 103-0021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B60N 2/235
(11) WO 2004/043733 (13) A1
(21) PCT/EP2003/011780
(22) 24 Oct/oct 2003 (24.10.2003)
(25) de (26) de
(30) 102 53 054.8 14 Nov/nov 2002 DE (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FITTING FOR A VEHICLE SEAT
• MECANISME POUR UN SIEGE DE VEHICULE
- (71) KEIPER GMBH & CO. KG [DE/DE]; Hertelsbrunn 2, 67657 Kaiserslautern (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PETERS, Christoph [DE/DE]; Mauspfad 1, 42929 Wermelskirchen (DE).
- (74) HELD, Thomas; Hosentien-Held und Dr. Held, Klopstockstr.63-65, 70193 Stuttgart (DE).
- (81) BR CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ B60N 3/08, B65F 1/12

(11) WO 2004/043734 (13) A1

(21) PCT/AU2003/001192

(22) 9 Sep/sep 2003 (09.09.2003)

(25) en (26) en

(30) 2002 313 975 12 Nov/nov 2002 AU
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A RUBBISH BIN

• POUBELLE

(71, 72) WAUGH, Duncan [AU/AU]; 6 Lawson Street, Bondi Junction, New South Wales 2022 (AU).

(74) MAXWELL, Peter, Francis; Peter Maxwell & Associates, Level 6, 60 Pitt Street, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B60P

(11) WO 2004/043735 (13) A2

(21) PCT/EP2003/012548

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 682.6 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VEHICLE WITH LOADING BOXES OR LOADING SURFACES

• VEHICULE A CONTENEURS DE CHARGEMENT OU PLATE-FORMES DE CHARGEMENT

(71, 72) HURLER, Walter [DE/DE]; Breitenbergweg 8, 86391 Stadtbergen (DE).

(74) LORENZ, Werner; Alte Ulmer Strasse 2, 89522 Heidenheim (DE).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 B60P 1/56, B60K 7/00, 17/356, E01C 19/12, 19/15

(11) WO 2004/043736 (13) A1

(21) PCT/AU2003/001493

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 2002952594 12 Nov/nov 2002 AU
(12.11.2002)(30) 2002952593 12 Nov/nov 2002 AU
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HAULAGE VEHICLE

• VEHICULE DE REMORQUAGE

(71) ABAKAY PTY LTD [AU/AU]; Suite 4a, 23 Haynes Street, Kalamunda, Western Australia 6076 (AU).

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

(72, 75) NASH, Robert, J [AU/AU]; Suite 4a, 23 Haynes Street, Kalamunda, Western Australia 6076 (AU).

(74) WRAY & ASSOCIATES; Level 4, The Quadrant, 1 William Street, Perth, Western Australia 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B60R

(11) WO 2004/043737 (13) A2

(21) PCT/DE2003/003737

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 102 52 990.6 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTROL UNIT FOR ACTIVATING AN OCCUPANT PROTECTION MEANS IN A MOTOR VEHICLE AND METHOD FOR MONITORING THE PROPER FUNCTIONING OF A CONTROL UNIT PREFERABLY OF THIS TYPE

• UNITE DE COMMANDE DESTINEE A DECLENCHER UN SYSTEME DE PROTECTION DES OCCUPANTS D'UN VEHICULE ET PROCEDE DE CONTROLE DU FONCTIONNEMENT CORRECT D'UNE UNITE DE COMMANDE DE CE TYPE DE PREFERENCE

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

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

(72, 75) GRASSHOFF, Helge [DE/JP]; 16-11-2 Noge, Setagaya-Ku, Tokyo, Tokyo 158-0092 (JP). MACHIDERA, Koutaro [JP/JP]; 1-17-51 Isumada-Minami, Atsugi city, Tokyo 243-0814 (JP).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) JP US.

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

(51)⁷ B60R

(11) WO 2004/043738 (13) A2

(21) PCT/US2003/034247

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 60/423,840 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACCESSORY MOUNTING/ADAPTER ASSEMBLY

• ENSEMBLE SUPPORT/ADAPTATEUR D'ACCESSOIRE

(71) CEQUENT TOWING PRODUCTS, INC. [US/US]; 47774 Anchor Court, Plymouth, MI 48170 (US).

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

(72, 75) McCOY, Richard, W. [US/US]; 51159 Deerpath Drive, Granger, IN 46530 (US). MOLDTHAN, Jason, R. [US/US]; 11032 Gordon Setter Drive, Osceola, IN 46561 (US).

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

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B60R

(11) WO 2004/043739 (13) A2

(21) PCT/US2003/034782

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/288,246 5 Nov/nov 2002 US
(05.11.2002)(30) 60/507,390 30 Sep/sep 2003 US
(30.09.2003)(30) 10/686,049 15 Oct/oct 2003 US
(15.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FOLD, TUMBLE, AND KNEEL SEAT ASSEMBLY

• ENSEMBLE A SIEGE PIVOTANT, RA-BATTABLE ET D'AGENOUILLEMENT

(71) FISHER DYNAMICS CORPORATION [US/US]; 33300 Freeway Drive, St. Clair Shores, MI 48082 (US).

(72) BONK, Jeffrey T.; 36706 Suffolk, Clinton Township, MI 48035 (US).

(74) BROCK, Christopher M., et al. / etc.; Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B60R

(11) WO 2004/043740 (13) A2

(21) PCT/US2003/035232

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,357 6 Nov/nov 2002 US (06.11.2002)

(30) 10/330,000 26 Dec/déc 2002 US (26.12.2002)

(30) 10/442,687 21 May/mai 2003 US (21.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • X-RAY BACKSCATTER MOBILE INSPECTION VAN

• VEHICULE D'INSPECTION PAR RETRODIFFUSION DE RAYONS X

(71) AMERICAN SCIENCE AND ENGINEERING, INC. [US/US]; 829 Middlesex Turnpike, Billerica, MA 01821 (US).

(72) ADAMS, William; 9600 Olentangy River Road, Powell, OH 43065 (US). CHALMERS, Alex; 51 Oak Road, Norwood, MA 02062 (US). GRODZINS, Lee; 14 Stratham Road, Lexington, MA 02421 (US). PERICH, Louis, W.; 4 Wallace Circle, Londonderry, NH 03053 (US). ROTHSCCHILD, Peter; 1138 Walnut Street, Newton, MA 02461 (US).

(74) SUNSTEIN, Bruce, D. et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B60R

(11) WO 2004/043741 (13) A2

(21) PCT/US2003/035409

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,750 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIGHTWEIGHT FIFTH WHEEL HITCH ASSEMBLY

• ENSEMBLE BOULE DE SELLETTE D'ATTELAGE LEGERE

(71) THE HOLLAND GROUP, INC. [US/US]; 467 Ottawa Avenue, Post Office Box 2099, Holland, MI 49422-2099 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLATER, James, H. [US/US]; 4680 Beech Street, Holland, MI 49423 (US). HUNGERINK, Gerald, W. [US/US]; 4682 Beech Street, Holland, MI 49423-8924 (US). HOEK, Steven, L. [US/US]; 2270 Sunset Bluff Drive, Holland, MI 49424 (US). HOWE, Jason, D., C. [US/US]; 768 North Meadow Drive, Holland, MI 49423 (US). GINOCCHIO, Michael, H. [US/US]; 17282 Timber Dunes Drive, Grand Haven, MI 49417 (US).

(74) KAPTEYN, Jeffrey, S.; Price, Heneveld, Cooper, DeWitt & Litton, 695 Kenmoor, S.E., P.O. Box 2567, Grand Rapids, MI 49501-2567 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B60R

(11) WO 2004/043742 (13) A2

(21) PCT/US2003/036432

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,849 12 Nov/nov 2002 US (12.11.2002)

(30) 60/433,929 16 Dec/déc 2002 US (16.12.2002)

(30) 60/454,847 14 Mar/mar 2003 US (14.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CARGO-RATAINING BAR SUPPORT

• SUPPORT DE BARRE D'AMARRAGE DE FRET

(71) MATTEL, INC. [US/US]; 333 Continental Blvd., El Segundo, CA 90245 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RHODES, David, B. [US/US]; 2603 Vail Avenue, Redondo Beach, CA 90278 (US).

(74) TUTTLE, Christopher, S.; Kolisch Hartwell, P.C., 520 S.W. Yamhill Street, Suite 200, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B60R 13/08, B62D 25/00, 25/16

(11) WO 2004/043743 (13) A1

(21) PCT/US2003/033722

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 10/290,892 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • UNIVERSAL PHYSICAL BARRIER

• BARRIERE MATERIELLE UNIVERSELLE

(71) SIKA TECHNOLOGY AG [CH/CH]; Zugerstrasse 50, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROBERTS, Steven [US/US]; 15059 Olivewood Drive, Sterling Heights, MI 48313 (US). LJUBEVSKI, Pero [US/US]; 1475 Walnut Ridge Circle, Canton, MI 48187 (US).

(74) FORBIS, Glenn, E. et al. / etc.; Rader, Fishman & Grauer PLLC, 39533 Woodward Avenue, Suite 140, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B60R 19/18, 19/22

(11) WO 2004/043744 (13) A1

(21) PCT/US2003/031958

(22) 9 Oct/oct 2003 (09.10.2003)

(25) en (26) en

(30) 60/426,290 14 Nov/nov 2002 US (14.11.2002)

(30) 10/610,275 30 Jun/juin 2003 US (30.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HYBRID BUMPER SYSTEM

• SYSTEME DE PARE-CHOC HYBRIDE

(71) GENERAL ELECTRONIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) KOWAL, Eric, D.; 27246 Belanger Road, Roseville, MI 48066 (US). TRAPPE, Adam; 49084 Stratford, Chesterfield, MI (US). SANTHANAM, Srikanth; 5621 Charlotte Way #25, Livermore, CA 94550 (US). SHULER, Stephen; 1331 South Washington Avenue, Royal Oak, MI 48067 (US). NAGESH, Suresh; 3rd Cross Road, BEML Layout 3rd Stage, Rajeshwarinagar, Bangalore 560 098, Karnataka (IN). NANDA, Alok; 258 1st Main, 4th Cross, New Thippasandra, HAL 3rd Stage, Bangalore, Karnataka (IN). CHAUDHARI, Tansen, Dhananjay; 824, Gokul, 2nd Main, 4th Cross, Hal 3rd Stage, First Block, New Thippasandra, Bangalore 560 075, Karnataka (IN).

(74) GNIBUS, Michael et al. / etc.; General Electric Company, 3135 Easton Turnpike (W3C), Fairfield, CT 06828 (US).

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

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

(51)⁷ B60R 21/01

(11) WO 2004/043745 (13) A1

(21) PCT/DE2003/001798

(22) 2 Jun/juin 2003 (02.06.2003)

(25) de (26) de

(30) 102 52 227.8 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR ACTIVATING RESTRAINING MEANS

• PROCÉDÉ D'ACTIVATION DE 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) SCHULLER, Hermann [DE/DE]; Boeblinger Str. 45, 71065 Sindelfingen (DE). LANG, Gunther [DE/DE]; In Der Schranne 39, 70569 Stuttgart (DE). KO-LATSCHKE, Josef [DE/DE]; Am Heinrichsberg 42, 71263 Weil Der Stadt (DE). AUST, Sabine [DE/DE]; Leiblweg 36, 70192 Stuttgart (DE). LICH, Thomas [DE/DE]; Tribegle 33/2, 71409 Schwaikheim (DE). KOEHLER, Armin [DE/DE]; An der Steige 86, 74343 Sachsenheim (DE). MINDNER, Klaus [DE/DE]; Schuetzenstr. 5, 71634 Ludwigsburg (DE). ROELLEKE, Michael [DE/DE]; Hirschlandener Str. 66, 71229 Leonberg-Hoefinden (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, G01G 7/02, 19/414

(11) WO 2004/043746 (13) A1

(21) PCT/DE2003/003302

(22) 6 Oct/oct 2003 (06.10.2003)

(25) de (26) de

(30) 102 52 224.3 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DYNAMOMETER, PARTICULARLY FOR DETERMINING THE SEATING WEIGHT IN A MOTOR VEHICLE

• DYNAMOMETRE NOTAMMENT DESTINE A LA DETERMINATION DU POIDS D'UN SIEGE D'UN VEHICULE AUTOMOBILE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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

(72, 75) DUKART, Anton [DE/DE]; Eichenweg 1, 70839 Gerlingen (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, 21/32

(11) WO 2004/043747 (13) A1

(21) PCT/US2003/018452

(22) 13 Jun/juin 2003 (13.06.2003)

(25) en (26) en

(30) 10/290,401 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AIRBAG SYSTEM WITH VEHICLE OCCUPANT SENSOR ON THE AIRBAG

• CAPTEUR DE POSITION D'OCCUPANT POUR SYSTEME D'AIRBAG

(71) KEY SAFETY SYSTEMS, INC. [US/US]; 7000 Nineteen Mile Road, Sterling Heights, MI 48314 (US).

(72) WHITE, Craig; 410 Lakeland Avenue, Grosse Point, MI 48230 (US). BURDOCK, John; 22476 Milner, St. Clair Shores, MI 48081 (US). CLANCY, Ed; 31165 Wellington Drive, #27306, Novi, MI 48377 (US).

(74) DRAYER, Lonnie, R.; Key Safety Systems, Inc., 5300 Old Tampa Highway, Lakeland, FL 33811 (US).

(81) AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA.

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designations / pour les désignations suivantes : AT AU BR CA CN CO CZ DE DK ES FI GB HU ID IN JP KR MX NO PL PT RU SE SG TR YU ZA EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ B60R 21/045

(11) WO 2004/043748 (13) A1

(21) PCT/DE2003/003187

(22) 24 Sep/sep 2003 (24.09.2003)

(25) de (26) de

(30) 102 52 180.8 9 Nov/nov 2002 DE (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACTIVE IMPACT PROTECTION SYSTEM

• PROTECTION ACTIVE EN CAS DE COLLISION

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).

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

(72, 75) JUSTEN, Rainer [DE/DE]; Mühlstrasse 4/1, 71155 Altdorf (DE). FEHRING, Michael [DE/DE]; Im Kalkofen 16, 73765 Neuhausen auf den Fildern (DE). QUERENGÄSSER, Axel [DE/DE]; Hohenackerstrasse 5, 70736 Fellbach-Schmiden (DE). KREIM, Michael [DE/DE]; Obertürkheimer Strasse 46, 73733 Esslingen (DE). MÜLLER, Herbert [DE/DE]; Hinterhofstrasse 50, 90451 Nürnberg (DE). PROTTEGEIER, Edgar [DE/DE]; Phillip-Kittler-Strasse 14, 90480 Nürnberg (DE). NAGL, Wolfgang [DE/DE]; Eppersdorfer Strasse 33, 90584 Allersberg (DE). HAPPICH, Markus [DE/DE]; Hahnhofer Weg 2c, 90537 Feucht-Moosbach (DE).

(74) BERNHARD, Uwe; Patentanwalts-Partnerschaft Rotermund + Pfusch + Bernhard, Waiblinger Strasse 11, 70372 Stuttgart (DE).

(81) JP US.

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

- (51)⁷ B60R 22/46
(11) WO 2004/043749 (13) A1
(21) PCT/US2003/036228
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 10/292,370 12 Nov/nov 2002 US
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • RESTRAINT PRETENSIONER
• PRETENSIONNEUR DE RETENUE
(63) US 10/292,370 (CIP)
12 Nov/nov 2002 (12.11.2002)
(71) H. KOCH & SONS CO., INC. [US/US];
5410 E. La Palma Avenue, Anaheim, CA
92807 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) HAPP, Michael, J. [US/US]; 1082 So.
Farralon Lane, Anaheim Hills, CA 92808
(US). MEGGS, Daniel, H. [US/US]; 3224
Cherum Street, Las Vegas, NV 89135 (US).
KAWABATA, Eric [US/US]; 3410 E. Lam-
beth Court, Orange, CA 92689 (US).

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

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

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

Published / Publiée : (c)

- (51)⁷ B60R 25/00
(11) WO 2004/043750 (13) A2
(21) PCT/US2003/035641
(22) 7 Nov/nov 2003 (07.11.2003)
(25) en (26) en
(30) 60/424,989 8 Nov/nov 2002 US
(08.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • TRAINABLE TRANSCIEVER SYSTEM
• SYSTEME D'EMETTEUR-RECEP-
TEUR ADAPTATIF
(71) JOHNSON CONTROLS TECHNOL-
OGY COMPANY [US/US]; 650 Waverly,
Holland, MI 49423 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) BLAKER, David, A. [US/US]; 557 Bay
Avenue, Holland, MI 48423 (US).
(74) TIBBETTS, Jean, M.; Foley & Lardner, 777
East Wisconsin Avenue, Suite 3800, Milwau-
kee, WI 53202-5306 (US).

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

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

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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)
(t) for all designations / pour toutes les
désignations

- (51)⁷ B60S 1/08
(11) WO 2004/043751 (13) A1
(21) PCT/DE2003/001766
(22) 30 May/mai 2003 (30.05.2003)
(25) de (26) de
(30) 102 53 007.6 14 Nov/nov 2002 DE
(14.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • CONTROL DEVICE FOR DUAL-MO-
TOR WIPER SYSTEMS
• DISPOSITIF D'ACTIVATION POUR
SYSTEMES D'ESSUIE-GLACE BIMO-
TEURS

(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) MOENCH, Jochen [DE/DE]; Tannen-
weg 58, 76547 Sinzheim (DE). KRUEGER,
Hartmut [DE/DE]; Am Eichenwaeldchen 17,
77830 Buchlertal (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02
20, 70442 Stuttgart (DE).

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

- (51)⁷ B60T
(11) WO 2004/043752 (13) A2
(21) PCT/EP2003/011402
(22) 15 Oct/oct 2003 (15.10.2003)
(25) de (26) de
(30) 102 52 147.6 9 Nov/nov 2002 DE
(09.11.2002)

(30) 103 06 362.5 15 Feb/fév 2003 DE
(15.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR
CONTROLLING AT LEAST ONE
WHEEL-BRAKE UNIT OF A VEHI-
CLE

• PROCEDE ET DISPOSITIF POUR
COMMANDER AU MOINS UN SYS-
TEME DE FREINAGE DE ROUE D'UN
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) BRAEUER, Karsten [DE/DE]; Drossel-
weg 1b, 21279 Hollenstedt (DE). SCHOP-
PER, Michael [DE/DE]; Fleckenweinberg
20, 70192 Stuttgart (DE). TONDELLI, Da-
vide [IT/DE]; Wiflingshauser Strasse 34,
73732 Esslingen (DE).

(74) PFEFFER, Frank et al. / etc.; Daimler-
Chrysler AG, Intellectual Property Manage-
ment, IPM - C106, 70546 Stuttgart (DE).

(81) JP US.

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

- (51)⁷ B60T 7/02, 13/02
(11) WO 2004/043753 (13) A1
(21) PCT/EP2003/012549
(22) 11 Nov/nov 2003 (11.11.2003)
(25) en (26) en
(30) TO2002A000975 12 Nov/nov 2002 IT
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ROTARY ELECTROMECHANICAL
ACTUATOR, PARTICULARLY FOR
A PARKING BRAKE FOR A MOTOR
VEHICLE
• ACTIONNEUR ELECTROMECA-
NIQUE ROTATIF, EN PARTICULIER
POUR UN FREIN DE STATIONNE-
MENT POUR VEHICULE

(71) AKTIEBOLAGET SKF [SE/SE]; S-415 50
Göteborg (SE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GEYER, Andreas [IT/IT]; Via Cardo-
nata 34, I-10060 San Secondo Di Pinerolo,
Torino (IT). DE CRISTOFARO, Alessan-
dro [IT/IT]; Via Piacenza 6/H, I-10127 Torino
(IT).

(74) FIORAVANTI, Corrado; Jacobacci & Part-
ners S.p.A., Corso Regio Parco 27, I-10152
Torino (IT).

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

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

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 B60T 8/36

(11) WO 2004/043754 (13) A1

(21) PCT/EP2003/011547

(22) 18 Oct/oct 2003 (18.10.2003)

(25) de (26) de

(30) 102 53 013.0 14 Nov/nov 2002 DE
(14.11.2002)

(30) 103 13 708.4 27 Mar/mar 2003 DE
(27.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRESSURE SENSOR MODULE

• MODULE DE CAPTEURS DE PRES-
SION

(71) CONTINENTAL TEVES AG & CO. OHG
[DE/DE]; Guerickestrasse 7, 60488 Frankfurt
(DE).

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

(72, 75) DINKEL, Dieter [DE/DE]; Bahnstrasse
21, 65824 Schwalbach (DE). BRIESE-
WITZ, Rüdiger [DE/DE]; Habsburgerallee
85, 60385 Frankfurt am Main (DE). HOFF-
MANN, Peter [DE/DE]; Hohe Stätte 7,
60437 Frankfurt am Main (DE).

(74) CONTINENTAL TEVES AG & CO.
OHG; Guerickestrasse 7, 60488 Frankfurt
(DE).

(81) JP US.

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

(51)⁷ B60T 8/66

(11) WO 2004/043755 (13) A1

(21) PCT/KR2003/002404

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10-2002-0069838 11 Nov/nov 2002 KR
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A BRAKE SYSTEM OF AN AUTOMO-
BILE

• SYSTEME DE FREINAGE D'AUTO-
MOBILE

(71, 72) YOON, Cheol-Soo [KR/KR]; 306
HEWEN BUILDING, 165-8 POI-DONG,
GANGNAM-GU, 135-961 SEOUL (KR).

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

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

Published / Publiée : (c)

(51)⁷ B60T 8/88, 8/00

(11) WO 2004/043756 (13) A1

(21) PCT/GB2003/004799

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 0226386.1 12 Nov/nov 2002 GB
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRONIC CONTROL APPARATUS
FOR A VEHICLE

• DISPOSITIF DE COMMANDE ELEC-
TRONIQUE POUR VEHICULE

(71) KNORR-BRMESE SYSTEMS FOR
COMMERCIAL VEHICLES LTD
[GB/GB]; Douglas Road, Kingswood, Bristol
BS15 8NL (GB).

(72) FRY, Matthew; Knorr-Bremse Systems for
Commercial Vehicles Ltd, Douglas Road,
Kingswood, Bristol BS15 8NL (GB).

(74) MOORE, David, Simon; Jenson & Son, 366
- 368 Old Street, London EC1V 9LT (GB).

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

Published / Publiée : (c)

(51)⁷ B60T 8/88

(11) WO 2004/043757 (13) A1

(21) PCT/US2003/036145

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,345 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ABS ON-OFF CODE DIAGNOSTICS
COMMUNICATION SYSTEM

• SYSTEME DE TRANSMISSION
DE DIAGNOSTIC DE CODE DE
MARCHE-ARRET D'ABS

(71) BENDIX COMMERCIAL VEHICLE
SYSTEMS, LLC [US/US]; 901 Cleveland
Street, Elyria, OH 44035 (US).

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

(72, 75) MACNAMARA, Joseph M, [US/US];
1042 Center Street, Ashland, OH 44805 (US).
WASZKOWSKI, Paul J, [US/US]; 2098
Boston Road, Hinckley, OH 44233 (US).

(74) MCKNIGHT, Douglas B.; CALFEE, HAL-
TER & GRISWOLD LLP, 800 Superior Av-
enue, Suite 1400, Cleveland, OH 44114 (US).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les
designations

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(51)⁷ B60T 11/10

(11) WO 2004/043758 (13) A1

(21) PCT/DE2003/003763

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 102 53 342.3 14 Nov/nov 2002 DE
(14.11.2002)

(30) 203 07 312.6 9 May/mai 2003 DE
(09.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PARKING BRAKE

• FREIN DE STATIONNEMENT

(71) EDSCHA BETÄTIGUNGSSYSTEME
GMBH [DE/DE]; Scharwächterstrasse 5,
94491 Hengersberg (DE).

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

(72, 75) LESCHKE, Klaus [DE/DE]; Auackerring
2, 94259 Kirchberg (DE).

(74) BONNEKAMP, Horst et al. / etc.; Goltste-
instrasse 19, 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY

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

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

Published / Publiée : (c)

(51)⁷ B61D 015/06

(11) WO 2004/043759 (13) A1

(21) PCT/US2003/031885

(22) 8 Oct/oct 2003 (08.10.2003)

(25) en (26) en

(30) 10/289,951 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RAILROAD CAR ENERGY ABSORP-
TION APPARATUS

• APPAREIL D'ABSORPTION D'ENER-
GIE DE VOITURES DE CHEMIN DE
FER

(71) MINER ENTERPRISES, INC. [US/US];
1200 East State Street, P.O. Box 471, Geneva,
IL 60134 (US).

(72) O'DONNELL, William, P.; 3170 Wag-
ner Court, Aurora, IL 60504 (US). VAN-
MALDEGIAM, Michael, D.; 925 Wilken-
son Lane, North Aurora, IL 60542 (US).
JENSEN, Erik, D.; 1325 Cherry Drive,
Batavia, IL 60510 (US). WILT, Donald, E.;
502 Ellen Lane, Batavia, IL 60510 (US).
DILLON, Michael, S.; 4307 Prairieland
Drive, Cortland, IL 60112 (US).

(74) HARBST, John, W.; 1180 Litchfield Lane,
Bartlett, IL 60103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B61F 5/32, F16F 3/10

(11) WO 2004/043760 (13) A1

(21) PCT/AT2003/000339

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) A 1697/2002 11 Nov/nov 2002 AT
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SPRING COLUMN FOR GUIDING THE
AXLES OF A RAIL-BORN VEHICLE

• COLONNE DE RESSORTS POUR UN
GUIDAGE D'ESSIEUX D'UN VEHI-
CULE SUR RAILS

(71) SIEMENS SGP VERKEHRSTECHNIK
GMBH [AT/AT]; Brehmstrasse 16, A-1110
Wien (AT).

(72) RINGSWIRTH, Jochen; Hafnerriegel
7/5/29, A-8010 Graz (AT). ISOPP, Got-
tfried; Steinfeldgasse 6, A-8020 Graz (AT).

(74) MATSCHNIG, Franz; Siebensterngasse 54,
A-1071 Wien (AT).

(81) NO.

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

Published / Publiée : (c)

(51)⁷ B62B

(11) WO 2004/043761 (13) A2

(21) PCT/US2003/035410

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,222 8 Nov/nov 2002 US
(08.11.2002)

(30) 60/461,872 9 Apr/avr 2003 US
(09.04.2003)

(30) 10/703,180 6 Nov/nov 2003 US
(06.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SNOW SCOOTER WITH A FOOT-AC-
TIVATED BRAKE

• TROTTINETTE DE NEIGE COMPRE-
NANT UN FREIN A COMMANDE AU
PIED

(63) US 60/461,872 (CON)
9 Apr/avr 2003 (09.04.2003)
US 60/425,222 (CON)
8 Nov/nov 2002 (08.11.2002)
US Not furnished /
non communiqué (CON)
6 Nov/nov 2003 (06.11.2003)

(71) SKI SKOOT, INC. [US/US]; 2240 - 275th
Court, SE, Sammamish, WA 98075 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MOSCARET, Kenneth [US/US]; 2240
- 275th Court, SE, Sammamish, WA 98075
(US). MOORE, Roger [US/US]; 2238 -
273rd Court, SE, Sammamish, WA 98075
(US). VANPELT, Gene, II [US/US]; 7028
- 191st Place, SW, Lynnwood, WA 98036
(US). NELSON, David, Dennis [US/US];
960-I Street, Idaho Falls, ID 83402 (US).
GILLE, Robert, L. [US/US]; P.O. Box 360,
Brightwood, OR 97011 (US).

(74) KASEBURG, Frederick, A. et al. / etc.;
Graybeal Jackson Haley LLP, 155 - 108th
Avenue NE, Suite 350, Bellevue, WA 98004
(US).

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

TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

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

(51)⁷ B62B 3/04

(11) WO 2004/043762 (13) A1

(21) PCT/EP2003/050789

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 0214234 14 Nov/nov 2002 FR
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TROLLEY FOR HANDLING AND
LIFTING AN APPLIANCE SO THAT
IT CAN BE INSTALLED IN A HIGH
STRUCTURE, PARTICULARLY A
CEILING

• CHARIOT DE MANIPULATION ET DE
LEVAGE MONTE DANS UNE STRUC-
TURE ELEVEE, TELLE QU'UN PLA-
FOND

(71) APPLIGAIN [FR/FR]; 70, rue Irène et
Frédéric Joliot-Curie, F-93100 Montreuil
(FR).

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

(72, 75) BONNET, Yves [FR/FR]; 25, rue du
Roseau, F-78610 Le Perray en Yvelines (FR).

(74) KOHN, Philippe; 30, rue Hoche, F-93500
Pantin (FR).

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

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

(51)⁷ B62B 3/14

(11) WO 2004/043763 (13) A1

(21) PCT/DE2003/003316

(22) 7 Oct/oct 2003 (07.10.2003)

(25) de (26) de

(30) 202 17 285.6 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STACKABLE SHOPPING CART

• CHARIOTS DE SUPERMARCHES EM-
PILABLES

(71) WANZL METALLWARENFABRIK GMBH [DE/DE]; Postfach 11 29, 89336 Leipheim (DE).

(72) SCHEFFLER, Hans; Friedhofstrasse 1/1, 89233 Neu-Ulm/Burlafingen (DE).

(81) CN ID JP KR RU.

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

(51)⁷ B62B 5/04

(11) WO 2004/043764 (13) A2

(21) PCT/US2003/035507

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,088 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BRAKE ASSEMBLY AND CONTROL MECHANISM FOR A CART, AND METHOD

• ENSEMBLE DE FREINAGE ET MECANISME DE COMMANDE POUR UN CHARIOT ET PROCEDE ASSOCIE

(71) SMARTE CARTE, INC. [US/US]; 4455 White Bear Parkway, St. Paul, MN 55110-7641 (US).

(72) OTTERSON, Daniel, L.; 5575 - 314th Street, Stacy, MN 55079 (US). BURK, Matthew, C.; 6642 240th Lane Circle North, Forest Lake, MN 55025 (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 NO NZ OM PG PH PL PT 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 B62B 27/24

(11) WO 2004/043765 (13) A1

(21) PCT/US2003/036440

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,804 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RETRIEVAL AND CONNECTION SYSTEM FOR A DISCONNECTABLE MOORING YOKE

• SYSTEME DE RECUPERATION ET DE CONNEXION POUR ETRIER D'AMARRAGE DESACCOUPLABLE

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

(72) BOATMAN, L., Terry; 12515 Whispering Sands Ct., Houston, TX 77041 (US). LINDBLADE, Stephen, P.; 14936 Blinka Rd., Waller, TX 77484 (US). MCCOLLUM, Jerry, L.; 1445 Allen St., Hempstead, TX 77445 (US).

(74) BUSH, Gary, L.; Andrews Kurth, LLP, 600 Travis, Suite 4200, Houston, TX 77002-2778 (US).

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

Published / Publiée : (c)

(51)⁷ B62D 1/18

(11) WO 2004/043766 (13) A1

(21) PCT/JP2003/014304

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-327311 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STEERING DEVICE FOR MOTOR VEHICLE

• DISPOSITIF DE DIRECTION POUR VEHICULE A MOTEUR

(71) NSK LTD. [JP/JP]; 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAWADA, Naoki [JP/JP]; c/o NSK LTD., 8-1, Soja-machi 1-chome, Maebashi-shi, Gunma 371-0853 (JP). INOUE, Koji [JP/JP]; c/o NSK LTD., 8-1, Soja-machi 1-chome, Maebashi-shi, Gunma 371-0853 (JP).

(74) INOUE, Yoshio; 3F, Garoh Bldg., 1-4, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B62D 5/06, F04C 15/04, F04B 49/22

(11) WO 2004/043767 (13) A1

(21) PCT/US2003/035402

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,873 8 Nov/nov 2002 US (08.11.2002)

(30) 60/424,838 8 Nov/nov 2002 US (08.11.2002)

(30) 60/424,847 8 Nov/nov 2002 US (08.11.2002)

(30) 60/424,839 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LOAD SENSING CONTROL VALVE SYSTEM AND METHOD

• PROCEDE ET SYSTEME DE VANNE DE COMMANDE DE DETECTION DE CHARGE

(71) VALEO ELECTRICAL SYSTEMS, INC. A CORPORATION OF DELAWARE [US/US]; 3000 University Drive, Auburn Hills, MI 48326-2356 (US).

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

(72, 75) BUSCHUR, Jeffrey, J. [US/US]; 4598 Windmill Court, Lake Orion, MI 48359 (US). CRAFT, Christopher [US/US]; 48105 Shelby Road, Shelby Township, MI 48317 (US). GIBSON, John, R., J. [US/US]; 935 Laurel Avenue, Rochester Hills, MI 48309 (US). NANDA, Vinod [US/US]; 1966 Mapleridge Road, Rochester Hills, MI 48309 (US). NICKEL, David, F. [US/US]; 1680 Maple Creek Court, Rochester, MI 48309 (US).

(74) JENKINS, Matthew, R.; Jacox, Meckstroth & Jenkins, 2310 Far Hills Building, Dayton, OH 45419-1575 (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 : (c)

Declaration / Déclaration :

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

(51)⁷ B62D 5/093

(11) WO 2004/043768 (13) A1

(21) PCT/DE2003/003649

(22) 4 Nov/nov 2003 (04.11.2003)

(25) de (26) de

(30) 102 52 215.4 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HYDRAULIC POWER-ASSISTED STEERING DEVICE

• DISPOSITIF DE DIRECTION HYDRAULIQUE A AMPLIFICATION DE DEBIT

(71) BOSCH REXROTH AG [DE/DE]; Heidehofstrasse 31, 70184 Stuttgart (DE).

(72) **BERGMANN, Erhard**; Kieckut 12, 19079 Mirow (DE). **SCHILDMANN, Manfred**; Mühlenstrasse 7 c, 19370 Parchim (DE). **VOSS, Gerhard**; Juri-Gagarin-Ring 64, 19370 Parchim (DE).

(74) **JAAP, Reinhard**; Buchholzallee 32, 19370 Parchim (DE).

(81) PL.

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

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(51)⁷ **B62D 21/18**

(11) **WO 2004/043769** (13) A1

(21) PCT/FR2003/003248

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

(25) fr (26) fr

(30) 02/13603 **30 Oct/oct 2002** FR
(30.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THREE- OR FOUR-WHEEL VEHICLE CAPABLE OF TILTING LIKE A MOTORCYCLE CAPABLE OF SELF-RECOVERY

• VEHICULE A TROIS OU QUATRE ROUES POUVANT S'INCLINER COMME UNE MOTO MAIS AVEC LA CAPACITE DE SE RELEVER DE LUI-MEME

(71, 72) **ARIAS, Michel** [FR/FR]; 8, sentier du Laurier, F-59290 Wasquehal (FR).

(74) **DEMULSANT, Xavier**; Cabinet Beau de Loménie, 27bis, rue du Vieux Faubourg, F-59800 Lille (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **B62D 25/06**

(11) **WO 2004/043770** (13) A1

(21) PCT/US2003/034700

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 60/424,566 **7 Nov/nov 2002** US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STRUCTURAL ROOF PANEL SYSTEMS

• SYSTEMES DE PANNEAU DE TOIT STRUCTURELS

(71) **JOHNSON CONTROLS TECHNOLOGY COMPANY** [US/US]; 650 Waverly, Holland, MI 49423 (US).

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(72, 75) **STREBE, Kevin, M.** [US/US]; 1136 Warwick Court, Holland, MI 49424 (US). **FISCHER, Douglas, A.** [US/US]; 2150 Pinewood Street, Jenison, MI 49428 (US). **NORLAND, Leif, Andrew** [US/US]; 2024 Breeze Drive, Holland, MI 49424 (US).

(74) **COOPER, JOHN, C., III**; Foley & Lardner, 777 E. Wisconsin Avenue, Milwaukee, WI 53202-5306 (US).

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

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

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(51)⁷ **B62D 37/04, 49/08**

(11) **WO 2004/043771** (13) A1

(21) PCT/ES2003/000539

(22) **23 Oct/oct 2003 (23.10.2003)**

(25) es (26) es

(30) P200202614 **14 Nov/nov 2002** ES
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TRACTOR STABILISING SYSTEM

• SYSTEME DE STABILISATION POUR TRACTEURS

(71, 72) **SAIZ RIOS, Francisco** [ES/ES]; Mariano Malandía, 5-1^oG, E-50014 Zaragoza (ES). **VAL GRASA, Jesús, Manuel** [ES/ES]; Mariano Malandía, 5-1^oG, E-50014 Zaragoza (ES).

(74) **UNGRÍA LÓPEZ, Javier**; Avda. Ramón y Cajal, 78, E-28043 Madrid (ES).

(81) AU BR CA IN MX US ZA.

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

(51)⁷ **B62K 3/00**

(11) **WO 2004/043772** (13) A2

(21) PCT/DE2003/003736

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) de (26) de

(30) 202 17 351.8 **11 Nov/nov 2002** DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TWO-WHEELER PROVIDED IN THE FORM OF A DRIVELESS SCOOTER

• DEUX-ROUES SE PRESENTANT SOUS LA FORME D'UNE TROTTELETTE SANS ENTRAÎNEMENT

(71, 72) **NEUMANN, Helmut** [DE/DE]; Am Ostpark 9, 33604 Bielefeld (DE).

(74) **SCHIRMER, Siegfried**; Boehmert & Boehmert, Detmolder Strasse 235, 33605 Bielefeld (DE).

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

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

(u) for / pour US only / seulement

(51)⁷ **B63B 1/24**

(11) **WO 2004/043773** (13) A1

(21) PCT/IT2003/000734

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) it (26) en

(30) PV 2002A000012 **12 Nov/nov 2002** IT
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGH SPEED AND STABILITY WATERCRAFT COMPRISING A LIFT ARRANGEMENT WITH A FULLY SUBMERGED HYDROFOIL

• ENGIN NAUTIQUE GRANDE VITESSE DE GRANDE STABILITE COMPRENANT UN DISPOSITIF DE SUS-TENTATION A AILE ENTIEREMENT IMMERGEE

(71, 72) **RAMAIOLI, Francesco** [IT/IT]; Via Vignazza, 11D, I-27100 Pavia (IT).

(81) AT AU BR CA CH CN DE DK ES FI GB GR HU JP MX NO NZ PL PT RO RU SE SK US ZA.

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

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Declaration / Déclaration :

(u) for / pour US only / seulement

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(11) **WO 2004/043774** (13) A1

(21) PCT/GB2003/004872

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 0226445.5 **13 Nov/nov 2002** GB
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DOUBLE FLEXIBLE KEEL

• QUILLE DOUBLE FLEXIBLE

(71) **GIBBS TECHNOLOGIES LIMITED** [GB/GB]; Avenue Road, Nuneaton, Warwickshire CV11 4LY (GB).

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(72, 75) JENKINS, Neil, Graham [GB/GB]; c/o Gibbs Technologies Limited, Avenue Road, Nuneaton, Warwickshire CV11 4LY (GB).

(74) CHURCH, Simon, John et al. / etc.; Marks & Clerk, 144 New Walk, Leicester LE1 7JA (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 B63B 3/38

(11) WO 2004/043775 (13) A1

(21) PCT/GB2003/004918

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 0226443.0 13 Nov/nov 2002 GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLEXIBLE KEEL AND FITTING THEREFOR

• QUILLE SOUPLE ET ENCASTREMENT CORRESPONDANT

(71) GIBBS TECHNOLOGIES LIMITED [GB/GB]; Avenue Road, Nuneaton, Warwickshire CV11 4LY (GB).

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(72, 75) JENKINS, Neil, Graham [GB/GB]; Gibbs Technologies Limited, Avenue Road, Nuneaton, Warwickshire CV11 4LY (GB).

(74) CHURCH, Simon, John et al. / etc.; Marks & Clerk, 144 New Walk, Leicester LE1 7JA (GB).

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

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 B63B 9/06

(11) WO 2004/043776 (13) A1

(21) PCT/IB2003/005036

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/292,310 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OFFSHORE DEPLOYMENT OF EXTENDABLE DRAFT PLATFORMS

• DEPLOIEMENT OFFSHORE DE PLATES-FORMES DE FORAGE EXTENSIBLES

(71) TECHNIP FRANCE [FR/FR]; ZAC Danton, 6-8, Allée de l'Arche, Faubourg de l'Arche, F-92400 Courbevoie (FR).

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(72, 75) ABBOTT, Phillip, A. [US/US]; 20511 Manette Drive, Katy, TX 77450 (US). HOUGH, Colin [US/US]; 7614 Windswept Lane, Houston, TX 77063 (US). LE GUENEC, Stéphane, Alain [FR/US]; 14855 Memorial Drive, Houston, TX 77079 (US). BURNS, Jerome, Q. [US/US]; 10423 20th Avenue South, Seattle, WA 98168 (US). THOMAS, Pierre-Armand [FR/FR]; 23, Rue Louis Pouey, Apt. 203, F-92800 Puteaux (FR).

(74) BERTRAND, Didier; S.A. Fedit-Loriot et Autres, Conseils en Propriété Industrielle, 38, avenue Hoche, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B63B 21/00

(11) WO 2004/043777 (13) A1

(21) PCT/IL2003/000935

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 152722 10 Nov/nov 2002 IL (10.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOORING SYSTEM FOR OFFSHORE FISH PRODUCTION

• SYSTEME D'AMARRAGE DESTINE A L'AQUACULTURE EN MER

(71, 72) ZEICHNER, Noam [IL/IL]; P.O.B. 133, 40692 Kfar Hess (IL). BEN - ELIAHU, Omri [IL/IL]; P.O.B. 95, 45815 Bney- Dror (IL).

(74) TSIVION, Yoram; P.O.Box 1307, 37111 Pardes Hanna (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 NI NO NZ OM PG

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

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

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(51)⁷ B63C 5/02, E04G 3/00

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(21) PCT/HR2003/000056

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(25) en (26) en

(30) P20020895A 13 Nov/nov 2002 HR (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HANGING STRUCTURE FOR MAINTENANCE OF OVERHANGING SURFACES OF SHIPS

• STRUCTURE SUSPENDUE POUR L'ENTRETIEN DE SURFACES DE BATEAU EN SURPLOMB

(71, 72) BEKAVAC, Marko [HR/HR]; Teslina 21, 21000 Split (HR).

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

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

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

(11) WO 2004/043779 (13) A1

(21) PCT/BR2003/000155

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) PI 0204633-4 12 Nov/nov 2002 BR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SATELLITE SYSTEM FOR SHALLOW DIVING

• SYSTEME DE SATELLITES POUR PLONGEE PEU PROFONDE

(71, 72) KASTER, Fernando Guilherme Castanheira [BR/BR]; Estrada do Piaí, N° 4027 - Sepetiba, 23530-610 Rio de Janeiro (BR).

(74) NOVAES, Maria Célia Coelho; C. NOVAES & ASSOCIADOS, Av. Presidente Vargas, N° 534 - sala 2101, Centro, 20071-003 Rio de Janeiro (BR).

(81) AU GB NO US.

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(u) for / pour US only / seulement

- (51)⁷ B64C
(11) WO 2004/043780 (13) A2
(21) PCT/US2003/035393
(22) 6 Nov/nov 2003 (06.11.2003)
(25) en (26) en
(30) 60/424,039 7 Nov/nov 2002 US
(07.11.2002)
(30) 10/693,411 23 Oct/oct 2003 US
(23.10.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • LAMINAR FLOW WING FOR TRAN-
SONIC CRUISE
• AILE A ECOULEMENT LAMINAIRE
POUR VOL TRANSSONIQUE
(71, 72) TRACY, Richard, R. [US/US]; 3000
Old Ranch Road, Carson City, NV 89704
(US). CHASE, James, D. [US/US]; 2225
Watt Street, Reno, NV 89509 (US). KROO,
Ilan [US/US]; 38 Peter Coutts Circle, Stan-
ford, CA 94305 (US).
(74) NORMAN ROTH, W.; Roth & Goldman,
523 West Sixth Street, Suite 707, Los Ange-
les, CA 90014-1223 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ PH PL PT RO RU
SD SE SG SK SL TJ TM TR TT TZ UA UG
UZ VN YU ZA ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

- (51)⁷ B64C
(11) WO 2004/043781 (13) A2
(21) PCT/US2003/035564
(22) 7 Nov/nov 2003 (07.11.2003)
(25) en (26) en
(30) 10/289,739 7 Nov/nov 2002 US
(07.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ENHANCED FLIGHT CONTROL SYS-
TEMS AND METHODS FOR A JET
POWERED TRI-MODE AIRCRAFT
• SYSTEMES DE COMMANDE DE VOL
AMELIORES ET PROCEDES SE RAP-
PORTANT A UN AERONEF A REAC-
TION TRIMODE
(71) THE BOEING COMPANY [US/US]; P.O.
Box 3707, M/S 11-XT, Seattle, WA 98124-
2207 (US).
(72) OSDER, Stephen, S.; 6909 Montebello
Avenue, Scottsdale, AZ 85253-5947 (US).
THOMPSON, Thomas, L.; 2523 North Los
Alamos Street, Mesa, AZ 85213-1686 (US).
(74) GALBRAITH, Ann, K.; The Boeing Com-
pany, M/S 11-XT, P.O. Box 3707, Seattle, WA
98124-2207 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG 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 PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

- (51)⁷ B64C 27/00
(11) WO 2004/043782 (13) A1
(21) PCT/US2003/035592
(22) 6 Nov/nov 2003 (06.11.2003)
(25) en (26) en
(30) 10/288,868 6 Nov/nov 2002 US
(06.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • FLUID-ELASTOMERIC DAMPER AS-
SEMBLY INCLUDING INTERNAL
PUMPING MECHANISM
• ENSEMBLE AMORTISSEUR ELASTO-
MERE A FLUIDE COMPRENANT UN
MECANISME DE POMPAGE INTERNE
(71) LORD CORPORATION [US/US]; 111
Lord Drive, PO Box 8012, Cray, NC
27512-8012 (US).
(72) RUSSELL, Donald, D.; 6700 West Ridge
Road, Fairview, PA. 16415 (US). JONES, Pe-
ter, J.; 5510 Herman Drive, Erie, PA 16509
(US). SEITTER, Eric; 2816 Melrose Ave.,
Erie, PA. 16508 (US).
(74) MURPHY III, Edward, F.; Lord Corpora-
tion, 111 Lord Drive, PO Box 8012, Cary,
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(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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- (51)⁷ B64C 39/00, 39/02, B64G 1/40
(11) WO 2004/043783 (13) A1
(21) PCT/US2003/036453
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 10/293,826 12 Nov/nov 2002 US
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • PERSONAL FLIGHT VEHICLE
• VEHICULE DE VOL PERSONNEL
(71) SCOTT REDMOND [US/US]; 601 Van
Ness Avenue, Suite E3613, San Francisco,
CA 94102 (US).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) REDMOND, Scott, D. [US/US]; 601
Van Ness Avenue, Suite E3613, San Fran-
cisco, CA 94102 (US).
(74) MALLIE, Michael, J. et al. / etc.; Blakely,
Sokoloff, Taylor & Zafman LLP, 12400
Wilshire Boulevard, 7th Floor, Los Angeles,
CA 90025 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG

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

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

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(11) WO 2004/043784 (13) A1
(21) PCT/HR2003/000041
(22) 25 Jul/juil 2003 (25.07.2003)
(25) en (26) en
(30) P20020783A 11 Nov/nov 2002 HR
(11.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • AIRCRAFT PROTECTION APPA-
RATUS
• PROTECTION DES PASSAGERS DANS
LE TRAFIC D'AERONEFS
(71, 72) DONAS, Don [HR/HR]; Nova Ves 20,
10000 Zagreb (HR).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC 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 B64F 1/00
(11) WO 2004/043785 (13) A1
(21) PCT/CA2003/001741
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 10/292,481 13 Nov/nov 2002 US
(13.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • METHOD AND SYSTEM FOR PARK-
ING AIRCRAFT AT AN AIRPORT
• PROCEDE ET SYSTEME DE STATION-
NEMENT UN AVION DANS UN AERO-
PORT
(71) DEW ENGINEERING AND DEVEL-
OPMENT LIMITED [CA/CA]; 3429
Hawthorne Road, Ottawa, Ontario K1G 4G2
(CA).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) HUTTON, Neil [CA/CA]; 952 Moun-
tainview Avenue, Ottawa, Ontario K2B 5G4
(CA).
(74) FREEDMAN, Gordon; Freedman & Asso-
ciates, 117 Centrepoin Drive, Suite 350, Ne-
pean, Ontario K2G 5X3 (CA).

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

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

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 B65C 9/18, 9/40

(11) WO 2004/043786 (13) A1

(21) PCT/EP2003/011973

(22) 29 Oct/oct 2003 (29.10.2003)

(25) de (26) de

(30) 102 53 843.3 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE AND METHOD FOR LABELLING MOBILE OBJECTS
• DISPOSITIF ET PROCÉDE D'ÉTIQUETAGE D'OBJETS MOBILES

(71) BIZERBA GMBH & CO. KG [DE/DE]; Wilhelm-Kraut-Strasse 65, 72336 Balingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GEISEL, Alfred [DE/DE]; Kapellenweg 3, 78564 Wehingen (DE).

(74) REGELMANN, Thomas; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (DE).

(81) JP US.

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

(51)⁷ B65D

(11) WO 2004/043787 (13) A2

(21) PCT/DE2003/003618

(22) 30 Oct/oct 2003 (30.10.2003)

(25) de (26) de

(30) 102 52 709.1 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR STACKING PALLET COLLARS

• DISPOSITIF PERMETTANT D'EMPLER DES CADRES DE POSE DESTINÉS À DES PALETTES

(71) DEUTSCHE POST AG [DE/DE]; Charles-de-Gaulle-Strasse 20, 53113 Bonn (DE).

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

(72, 75) HEINEN, Stephan [DE/DE]; Neckarstrasse 15, 53175 Bonn (DE).
LÖWEN, Werner [DE/DE]; Chemnitzer Strasse 42, 51067 Köln (DE).

(74) PATENTANWÄLTE JOSTARNDT - THUL; Brüsseler Ring 51, 52074 Aachen (DE).

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

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

Declarations / Déclarations :

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

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

(u) for / pour US only / seulement

(51)⁷ B65D

(11) WO 2004/043788 (13) A2

(21) PCT/EP2003/050826

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 202 17 572.3 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR STORING AND TRANSPORTING UNIT LOADS AND INSERT FOR SAID DEVICE

• DISPOSITIF DE STOCKAGE ET DE TRANSPORT D'ARTICLES ET PIÈCE INTERCALAIRE CORRESPONDANTE

(71) CONTEYOR MULTIBAG SYSTEMS N.V. [BE/BE]; Burgemeester Maenhoutstraat 44, B-9820 Merelbeke (BE).

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

(72, 75) CAMPS, Werner [BE/BE]; Volkstraat 11, B-2000 Antwerpen (BE).

(74) WEBER, Dieter et al. / etc.; Weber, Sciffert, Lieke, Taunusstr. 5a, Postfach 61 45, 65051 Wiesbaden (DE).

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

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

(51)⁷ B65D

(11) WO 2004/043789 (13) A2

(21) PCT/IL2003/000950

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/294,020 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTI COMPARTMENT CONTAINER ASSEMBLY SYSTEM

• SYSTÈME D'ASSEMBLAGE DE CONTENANT À PLUSIEURS COMPARTIMENTS

(71) M.L.I.S. PROJECTS LTD. [IL/IL]; Harishonim Street, P.O. Box 342, 42920 Moshav Beit Yitzhak (IL).

(72) SHARON, Igal; 5, Adar Street, 38900 Caesaria (IL). MAGGENI, Yohanan; Ilanya, 15255 Lower Galilee (IL).

(74) BLUM, David; Blum, Gador & Co., 53, Derech HaShalom, 53454 Givatayim (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 NI NO NZ OM PG
PH PL PT 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).

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 NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/043790 (13) A2

(21) PCT/US2003/033895

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 60/424,616 7 Nov/nov 2002 US
(07.11.2002)

(30) 60/496,080 18 Aug/août 2003 US
(18.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CARTON WITH DISPENSER
• CARTON AVEC DISTRIBUTEUR

(71) THE C.W. ZUMBIEL COMPANY
[US/US]; 2339 Harris Avenue, Cincinnati,
OH 45212 (US).

(72) MILLER, Charles, A.; 14786 Eastwood
Road, Williamsburg, OH 45176 (US).

(74) HAUPT, Keith, R. et al. / etc.; Wood, Herron
& Evans, L.L.P., 2700 Carew Tower, Cincin-
nati, OH 45202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B65D

(11) WO 2004/043791 (13) A2

(21) PCT/US2003/034321

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/288,832 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • APPLICATOR PACKAGE WITH DIS-
POSABLE APPLICATOR PAD ASSEM-
BLY
• EMBALLAGE A APPLICATEUR A EN-
SEMBLE TAMPON APPLICATEUR JE-
TABLE

(71) COLOR ACCESS, INC. [US/US]; 7 Corpo-
rate Center Drive, Melville, NY 11747 (US).

(72) BOUIX, Herve, F; 245 E. 54th Street, New
York, NY 10022 (US). JACOB, Christophe;
10 chemin des Avices, F-27590 Saint Pierre
d'Aults (FR).

(74) GIANCANA, Peter, M.; Estee Lauder Co.
Inc., 125 Pinelawn Road, Melville, NY 11747
(US).

(81) AU CA JP.

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

(51)⁷ B65D

(11) WO 2004/043792 (13) A2

(21) PCT/US2003/035709

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,673 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MATERIAL MOVER HAVING A FLUID
FILM RESERVOIR
• DISPOSITIF DE DEPLACEMENT DE
MATERIAUX EQUIPE D'UN RESER-
VOIR DE LIQUIDE

(71) GRAY TEK, INC. [US/US]; 100 Dayett
Mills Road, Newark, DE 19702 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JOHNSON, Raynor, A [US/US]; c/o
Gray Tek, Inc., 100 Dayett Mills Road,
Newark, DE 19702 (US).

(74) BURR, Stephen, P. et al. / etc.; Burr &
Brown, P.O. Box 7068, Syracuse, NY 13261-
7068 (US).

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

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

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

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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)
(t) for all designations / pour toutes les
désignations

(51)⁷ B65D

(11) WO 2004/043793 (13) A2

(21) PCT/US2003/036627

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/293,145 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SEAL FOR ZIPPERED BAG
• SCÉLÈMENT POUR SAC A GLIS-
SIÈRE

(71) CTI INDUSTRIES CORPORATION
[US/US]; 22160 N. Pepper Road, Barrington,
IL 60010 (US).

(72) ANDERSON, Brent; 26072 Indian Trail,
Barrington, IL 60010 (US).

(74) FUCHS, Joseph, A.; Bell, Boyd & Lloyd
LLC, Chicago, IL 60690-1135 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 B65D 1/02

(11) WO 2004/043794 (13) A1

(21) PCT/FR2003/003137

(22) 23 Oct/oct 2003 (23.10.2003)

(25) fr (26) fr

(30) 02/14142 12 Nov/nov 2002 FR
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • THREADED NECK FOR PLASTIC
BOTTLES
• BAGUE FILETEE POUR BOUTEILLE
EN PLASTIQUE

(71) **COMPAGNIE GERVAIS DANONE** [FR/FR]; 126, rue Jules-Guesde, F-92300 Levallois-Perret (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COLLOUD, Alain** [FR/FR]; Le Bulle, F-74200 Reyvroz (FR). **PERNOT, Michel** [FR/FR]; 5, place de Rungis, F-75013 Paris (FR).

(74) **BURBAUD, Eric et al.** / etc.; Cabinet Plasseraud, 65/67, rue de la victoire, F-75440 Paris Cedex 09 (FR).

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

(51)⁷ B65D 1/12, 77/28, 43/14

(11) WO 2004/043795 (13) A1

(21) PCT/RU2002/000496

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ru (26) ru

(43) 27 May/mai 2004 (27.05.2004)

(54) • STRAW FOR A DRINK CAN
• PAILLE DESTINÉE A ÊTRE CONTENUE DANS UNE CANETTE DE BOISSON

(71, 72) **VIKHOREV, Dmitry Vladimirovich** [RU/RU]; pr. Pobedy, 45/3-89, Komsomolsk na Amure, 681029 (RU).

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

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ B65D 5/00

(11) WO 2004/043796 (13) A1

(21) PCT/ES2002/000530

(22) 14 Nov/nov 2002 (14.11.2002)

(25) es (26) es

(43) 27 May/mai 2004 (27.05.2004)

(54) • STACKING BOX FOR PERISHABLE PRODUCTS
• CAISSE EMPILABLE POUR PRODUITS PERISSABLES

(71) **VIDECART, S.A.** [ES/ES]; San Andrés, s/n, E-31610 VILLAVA (Navarra) (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TEIXIDOR CASANOVAS, Pedro** [ES/ES]; San Andrés, s/n, E-31610 VILLAVA (Navarra) (ES).

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

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

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

(51)⁷ B65D 5/00

(11) WO 2004/043797 (13) A2

(21) PCT/IB2003/005033

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,619 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SELF-LOCKING ROLL-OVER FLAP WITH HOOK LOCK
• RABAT REPLIABLE AUTO-BLOQUANT AVEC VERROUILLAGE A CROCHET

(71) **INTERNATIONAL PAPER COMPANY** [US/US]; 400 Atlantic Street, Stamford, CT 06921 (US).

(72) **QUAINTANCE, Ben, W.**; c/o International Paper Company, 400 Atlantic Street, Stamford, CT 06921 (US).

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

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

(51)⁷ B65D 5/02, 5/54

(11) WO 2004/043798 (13) A1

(21) PCT/EP2003/012216

(22) 3 Nov/nov 2003 (03.11.2003)

(25) de (26) de

(30) 102 52 916.7 12 Nov/nov 2002 DE (12.11.2002)

(30) 103 00 752.0 11 Jan/jan 2003 DE (11.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PACKAGING FOR POURABLE GOODS, WHICH IS PRODUCED FROM A FOLDING CUT

• EMBALLAGE POUR PRODUITS DEVERSABLES FABRIQUE A PARTIR D'UNE DECOUPE PLIABLE

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

(72, 75) **REIMANN, Matthias** [DE/DE]; Koblenzer Str. 5, 40593 Düsseldorf (DE). **BARTHEL, Wolfgang** [DE/DE]; Schlieperstrasse 23a, 40764 Langenfeld (DE). **TÖPLER, Rudolf** [DE/DE]; Idastr. 49, 51069 Köln (DE).

(74) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN**; Patente (VTP), 40191 Düsseldorf (DE).

(81) AU BR CA CN DZ EG ID IL IN JP KR MX PL RU SG UA US ZA.

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

(51)⁷ B65D 6/18, 88/52, 21/02, 90/02

(11) WO 2004/043799 (13) A1

(21) PCT/SE2003/001720

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 0203329-8 11 Nov/nov 2002 SE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COLLAPSIBLE CONTAINER
• CONTENANT PLIANT

(71) **ARCA SYSTEMS AB** [SE/SE]; Box 82, S-284 22 Perstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAUNER, Manfred** [AT/AT]; Spohrstrasse 55, A-1130 Wien (AT).

(74) **STENBERG, Yngve**; c/o Perstorp AB, S-284 80 Perstorp (SE).

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

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

(51)⁷ B65D 17/28, 43/02, B26F 1/18

(11) WO 2004/043800 (13) A2

(21) PCT/GB2003/004835

- (22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 0226424.0 12 Nov/nov 2002 GB
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • CONTAINER
• CONTENANT
(71) THERMODYNAMIX THERMOFORM-
ING SPECIALIST SERVICES LIMITED
[GB/GB]; 3 Princes Park, Team Valley Trad-
ing Estate, Gateshead, Tyne & Wear NE11
0NF (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) REED, Harry [GB/GB]; 11 Whick-
ham Lodge Rise, Whickham, Newcas-
tle-upon-Tyne NE16 4RY (GB).
(74) CARPENTER, David 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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
(11) WO 2004/043801 (13) A1
(21) PCT/GB2003/004896
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 0226625.2 14 Nov/nov 2002 GB
(14.11.2002)
(30) 0310387.6 6 May/mai 2003 GB
(06.05.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • PULL TAB WITHINSECT GUARD FOR
DRINKS CAN
• TIRETTE DOTEE D'UNE PROTEC-
TION CONTRE LES INSECTES POUR
CANETTES
(71) BUZZOFF GUARD LIMITED [GB/GB];
Compton Casey House, Withington, Glouces-
tershire GL54 4DE (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) POOLE, Virginia [GB/GB]; Compton
Casey House, Withington, Gloucestershire
GL54 4DE (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 (Utility model / modèle d'utilité) CZ 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 SL SY TJ TM TN TR TT TZ UA
UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 19/18, 6/28
(11) WO 2004/043802 (13) A2
(21) PCT/NL2003/000789
(22) 10 Nov/nov 2003 (10.11.2003)
(25) nl (26) en
(30) 1021922 14 Nov/nov 2002 NL
(14.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • A CONTAINER COMPRISING A NUM-
BER OF INTERCONNECTED PANELS,
A PANEL SUITABLE FOR SUCH A
CONTAINER, A CONNECTING SEC-
TION SUITABLE FOR SUCH A CON-
TAINER AS WELL AS A PALLET
MADE OF SUCH PANELS
• CONTENANT COMPORTANT PLU-
SIEURS PANNEAUX INTERCON-
NECTES, PANNEAU ADAPTE A UN
TEL CONTENANT, SECTION DE RAC-
CORDEMENT ADAPTEE A UN TEL
CONTENANT ET PALETTE COMPO-
SÉE DE TELS PANNEAUX
(71) VMT ECOPACKAGING B.V. [NL/NL];
Business Park Stein 151, NL-6181 MA El-
sloo (NL).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) VAN MULKEN, Johannes, Martinus
[NL/NL]; Suttnerstraat 5, NL-6171 NM Stein
(NL). VAN MULKEN, Richard, Joseph,
Helena [NL/NL]; Charles Voscur 34C,
NL-6211 XS Maastricht (NL).
(74) DOHMEN, Johannes, Maria, Gerardus et
al. / etc.; Algemeen Octrooi-en Merkenbu-
reau, P.O. Box 645, NL-5600 AP Eindhoven
(NL).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
(51)⁷ B65D 21/02, 75/32
(11) WO 2004/043803 (13) A1
(21) PCT/US2003/033337

- (22) 20 Oct/oct 2003 (20.10.2003)
(25) en (26) en
(30) 60/425,610 12 Nov/nov 2002 US
(12.11.2002)
(30) 10/354,455 30 Jan/jan 2003 US
(30.01.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • DISPLAY SYSTEM FOR PACKAGES
• SYSTEME DE PRESENTATION POUR
EMBALLAGES
(71) POLAROID CORPORATION [US/US];
1265 Main Street, Waltham, MA 02451 (US).
(72) BERLINER, Todd, D.; 41 Forest Street,
Arlington, MA 02474 (US). GOGUEN,
George, J.; P.O. Box 655, South Village 42,
Warren, VT 05674 (US).
(74) MACCARONE, Gaetano, D.; Polaroid
Corporation, 1265 Main Street, Waltham,
MA 02451 (US).
(81) CA JP.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

- (51)⁷ B65D 25/20
(11) WO 2004/043804 (13) A1
(21) PCT/EP2003/012010
(22) 29 Oct/oct 2003 (29.10.2003)
(25) de (26) de
(30) 202 17 376.3 12 Nov/nov 2002 DE
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • PACKAGING FOR FOODSTUFFS, IN
PARTICULAR FOR ANIMAL FOOD-
STUFFS
• EMBALLAGE DESTINE A DES ALI-
MENTS, EN PARTICULIER DES ALI-
MENTS POUR ANIMAUX
(71, 72) LEIDEL, Robert [DE/DE]; Gothaer
Strasse 6, 90491 Nürnberg (DE).
(74) SÖLLNER, UDO; Reinhardt Söllner
Ganahl, P.O. Box 12 26, 85542 Kirchheim b.
München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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)
(51)⁷ B65D 25/24
(11) WO 2004/043805 (13) A1
(21) PCT/US2003/031304
(22) 3 Oct/oct 2003 (03.10.2003)
(25) en (26) en

(30) 10/290,183 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WINE BOTTLE CONVERTIBLE TO WINE GLASS

• BOUTEILLE DE VIN CONVERTIBLE EN VERRE DE VIN

(71, 72) WESTERHOLD, John [US/US]; 13229-F Fiji Way, Marina Del Rey, CA 90292 (US).

(74) SAKAGUCHI, James; Cohen & Sakaguchi LLP, 2424 S.E. Bristol Street, Suite 300, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 B65D 27/06

(11) WO 2004/043806 (13) A1

(21) PCT/EP2003/012533

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0226391.1 12 Nov/nov 2002 GB
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A MAILING PACKAGE

• EMBALLAGE

(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) LINTELL, Daniel, Thomas, De Sausmarez [GB/GB]; GlaxoSmithKline, Park Road, Ware, Hertfordshire SG12 0DP (GB).

(74) RICE, Jason, Neale; GlaxoSmithKline, 980 Great West Road, Brentford, Middlesex TW8 9GS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 30/00

(11) WO 2004/043807 (13) A2

(21) PCT/CH2003/000573

(22) 25 Aug/août 2003 (25.08.2003)

(25) de (26) de

(30) 1884/02 11 Nov/nov 2002 CH
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CARRIER BAG FOR CARRYING DELICATE GOODS AND ENABLING THESE GOODS TO BE REMOVED WITHOUT BEING DAMAGED

• SAC A ANSE POUR ARTICLES DELICATS, PERMETTANT DE SORTIR LESDITS ARTICLES SANS LES ALTERER

(71, 72) ALBER, Alfons [IT/IT]; Unterdorfer Weg 11, I-39010 Vöran (IT). KUHN, Günther, Thomas [CH/IT]; Grabmayrstrasse 25, I-39012 Meran (IT).

(74) LÜTOLF, Ann; Brunnadernstrasse 11, CH-3006 Bern (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 30/18, 33/25

(11) WO 2004/043808 (13) A1

(21) PCT/GB2003/004882

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0226278.0 11 Nov/nov 2002 GB
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RECLOSABLE BAG

• SAC REFERMABLE

(71) SUPREME PLASTICS HOLDINGS LIMITED [GB/GB]; Supreme House, 300 Regents Park Road, Finchley, London N3 2TL (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARRISON, David, Andrew [GB/GB]; 90 North Sea Lane, Humberston, Lincolnshire DN36 4XE (GB).

(74) ACKROYD, Robert; W P Thompson & Co, Eastcheap House, Central Approach, Letchworth Garden City, Hertfordshire SG6 3DS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT

RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B65D 33/16

(11) WO 2004/043809 (13) A1

(21) PCT/US2003/029774

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(30) 10/293,028 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SHIRRED ELASTIC SHEET MATERIAL

• MATERIAU DE FEUILLE ELASTIQUE FRONCE

(71) THE GLAD PRODUCTS COMPANY [US/US]; 1221 Broadway, Oakland, CA 94612 (US).

(72) SLEIGHT, Greg, W.; 7201 Adams Street, Willowbrook, CA 65021 (US). SHAH, Amit; 7201 Adams Street, Willowbrook, IL 60521 (US). RUSNAK, John; 7201 Adams Street, Willowbrook, IL 60521 (US). MELVAN, Jack; 7201 Adams Street, Willowbrook, CA 60521 (US). LAROCQUE, Timothy; 7201 Adams Street, Willowbrook, IL 60521 (US).

(74) FEIX, Thomas, C. et al. / etc.; The Glad Products 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).

Published / Publiée : (c)

(51)⁷ B65D 33/17

(11) WO 2004/043810 (13) A1

(21) PCT/KR2003/002361

(22) 5 Nov/nov 2003 (05.11.2003)

(25) ko (26) en

(30) 10-2002-0070473 13 Nov/nov 2002 KR
(13.11.2002)

(30) 10-2003-0027221 29 Apr/avr 2003 KR
(29.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PACK SEALING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE SCELLEMENT D'UN PAQUET

- (71) SEHYANG INDUSTRIAL CO., LTD. [KR/KR]; 9-2, Horim-dong, Dalseo-gu, 704-240 Daegu (KR).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) HA, Jae-Ho [KR/KR]; 202/1005, Samsung Remian-apt, 1028, Dae-gok-dong, Dalseo-gu, 704-310 Daegu (KR). LEE, Seung-Taek [KR/KR]; 107/1103, Seongseo-2Cha Youngnam Woobang-apt, 416-1, Yongsan-dong, Dalseo-gu, 704-130 Daegu (KR).

- (74) BAEK, Hong-Kee; 543, Namsan-dong, Jung-gu, 700-442 Daegu (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 33/25, 75/62

(11) WO 2004/043811 (13) A1

(21) PCT/GB2003/004851

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0226388.7 13 Nov/nov 2002 GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • ZIPPER BAG

• SAC A FERMETURE A GLISSIERE

- (71) SUPREME PLASTICS HOLDINGS LIMITED [GB/GB]; Supreme House, 300 Regents Park Road, Finchley, London N3 2TL (GB).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) MURRAY, James, Laing [GB/GB]; 6 Erespie Road, Louth, Lincolnshire LN11 8YG (GB).

- (74) ACKROYD, Robert; W.P. Thompson & Co., Eastcheap House, Central Approach, Letchworth Garden City, Hertfordshire SG6 3DS (GB).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 33/25, A44B 19/16, 19/26

(11) WO 2004/043812 (13) A1

(21) PCT/US2002/035411

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • LEAK PROOF CLOSURE MECHANISM FOR RESEALABLE BAG

• MECANISME DE FERMETURE ETANCHE POUR SAC REFERMABLE

(63) US 10/197,124 (CON) 18 Jul/juil 2002 (18.07.2002)

- (71) REYNOLDS CONSUMER PRODUCTS, INC. [US/US]; 6603 West Broad Street, Richmond, VA 23230-1701 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) SCHREITER, Michael, E. [US/US]; P.O. Box 2399, Appleton, WI 54912-2399 (US).

- (74) GALLOWAY, Peter, D. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 35/00

(11) WO 2004/043813 (13) A2

(21) PCT/US2003/036027

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,450 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • A NOZZLE FOR DISPENSING VISCOUS MATERIAL

• EMBOUT DE DISTRIBUTION D'UNE MATIERE VISQUEUSE

- (71) SMITHKLINE BEECHAM CORPORATION [US/US]; One Franklin Plaza, 200 North 16th Street, Philadelphia, PA 19103 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) BREMNER, Brian, M. [US/US]; 257 Cornelison Avenue, Jersey City, NJ 07302-3198 (US). KARASK, Helen, H. [EE/US]; 257 Cornelison Avenue, Jersey City, NJ 07302-3198 (US). TANNER, Christine, R. [US/US]; 257 Cornelison Avenue, Jersey City, NJ 07302-3198 (US).

- (74) GARRETT, Arthur, S.; Finnegan, Henderson, Farrahaw Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 35/28, B05C 17/005

(11) WO 2004/043814 (13) A1

(21) PCT/AT2002/000314

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DEVICE FOR DISPENSING CONTENTS FROM TUBES

• DISPOSITIF POUR EXPRIMER LE CONTENU DE TUBES

- (71, 72) ARINGER, Josef [AT/AT]; Fünkghasse 5b, A-3021 Pressbaum (AT).

- (72, 75) RIBARITIS, Peter [AT/AT]; Schwedenplatz 4/18, A-1010 Wien (AT).

- (74) GIBLER, Ferdinand; Dorotheergasse 7/14, A-1010 Wien (AT).

- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 35/28

(11) WO 2004/043815 (13) A1

(21) PCT/NL2002/000723

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CONTAINER FOR LIQUID AND PASTY SUBSTANCES

• CONTENANT POUR SUBSTANCES LIQUIDES ET PATEUSES

(71, 72) **KOSTELIJK, Bastiaan** [NL/NL]; Nicolaas Anslinstraat 99, NL-1068 WS Amsterdam (NL). **BLANKSMA, Afke** [NL/NL]; Zuidend 19, NL-8601 EL Sneek (NL).

(74) **PRINS, A.W.**; Nieuwe Parklaan 97, NL-2587 BN Den Haag (NL).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **B65D 35/44**

(11) **WO 2004/043816** (13) A1

(21) PCT/IB2002/004772

(22) **13 Nov/nov 2002 (13.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TAMPER EVIDENT TUBE CLOSURE WITH TWIST-AWAY CENTRING**
• SYSTEME DE FERMETURE DE TUBE INVOLABLE AVEC CENTRAGE A RETRAIT PAR TORSION

(71) **HOFFMANN NEOPAC AG** [CH/CH]; Eisenbahnstrasse 71, CH-3602 Thun (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUCHS, Peter** [CH/CH]; Schlehdornweg 25, CH-3613 Steffisburg (CH).

(74) **E. BLUM & CO.**; Vorderberg 11, CH-8044 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 35/44**

(11) **WO 2004/043817** (13) A1

(21) PCT/KR2003/002422

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) ko (26) en

(30) 10-2002-0071344 **12 Nov/nov 2002 (12.11.2002)** KR

(30) 10-2003-0018324 **19 Mar/mar 2003 (19.03.2003)** KR

(43) 27 May/mai 2004 (27.05.2004)

(54) • **MULTI-STACKABLE TUBE CONTAINER WITH INCLINED SPOUTING PORTION**

• CONTENANT TUBULAIRE EMPILABLE AVEC PARTIE DE VERSEMENT INCLINEE

(71, 72) **LEE, Jung-Min** [KR/KR]; #1208, Misung APT. A-dong, 37, Yeouedo-dong, Yeongdungpo-gu, Seoul 150-010 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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 **B65D 43/16, 50/04, 83/04**

(11) **WO 2004/043818** (13) A2

(21) PCT/US2003/035467

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 10/289,824 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CHILD SAFE CONTAINER**
• RECIPIENT DE PROTECTION A L'EPREUVE DES ENFANTS

(71) **ORTHO-MCNEIL PHARMACEUTICAL, INC.** [US/US]; US Route 202, Raritan, NJ 08869-0602 (US).

(72) **LAMBELET, Lawrence, E., Jr.**; 5 Blackwell Road, Flemington, NJ 08822 (US).

(74) **JOHNSON, Philip, S. et al.** / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65D 47/08, E05D 1/02**

(11) **WO 2004/043819** (13) A1

(21) PCT/EP2003/012529

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) de (26) de

(30) 102 52 462.9 **10 Nov/nov 2002 (10.11.2002)** DE

(30) 102 53 651.1 **16 Nov/nov 2002 (16.11.2002)** DE

(43) 27 May/mai 2004 (27.05.2004)

(54) • **FIBRE-REINFORCED SPRING-LOADED HINGE JOINT AND METHOD FOR PRODUCING SAID JOINT**

• ARTICULATION A CHARNIERE A RESSORT RENFORCEE PAR DES FIBRES ET SON PROCEDE DE PRODUCTION

(71) **GEORG MENSSEN GMBH & CO. KG** [DE/DE]; Industriestrasse 26, 57413 Finnentrop (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AHRENS, Hans-Joachim** [DE/DE]; Eisenberg 24, 38855 Wernigerode (DE).
AHRENS, Elvira [DE/DE]; Eisenberg 24, 38855 Wernigerode (DE).
AHRENS, Stephan [DE/DE]; Eisenberg 24, 38855 Wernigerode (DE).

(74) **SCHMIDT, H.**; Hoefer & Partner, Postfach 4401020, 80750 München (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DE (Utility model / modèle d'utilité) DK (Utility model / modèle d'utilité) DM DZ EC EE ES (Utility model / modèle d'utilité) FI (Utility model / modèle d'utilité) GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL RO RU SD SG 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).

(51)⁷ **B65D 47/08, 47/20**

(11) **WO 2004/043820** (13) A1

(21) PCT/IT2002/000712

(22) **11 Nov/nov 2002 (11.11.2002)**

(25) it (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CONTAINER CLOSURE AND METHOD FOR MANUFACTURING SAID CLOSURE**

• SYSTEME DE FERMETURE POUR RECEPTACLE ET SON PROCEDE DE FABRICATION

(71) **GEFIT S.P.A.** [IT/IT]; Via de Negri, 9, I-15100 Alessandria (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARUANA, Alfonso** [IT/IT]; Via Robinie, 18, I-15068 Pozzolo Formigaro (IT).

(74) **PERANI, Aurelio et al.** / etc.; Perani Mezzanotte & Partners, Piazza San Babila 5, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 51/22, 47/08, 55/02

(11) WO 2004/043821 (13) A1

(21) PCT/CH2003/000719

(22) 4 Nov/nov 2003 (04.11.2003)

(25) de (26) de

(30) 2002 1891/02 11 Nov/nov 2002 CH
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TAMPER-PROOF HINGED CLOSURE FOR FILM-SEALED BOTTLES AND CONTAINERS FILLED WITH POURABLE CONTENTS

• FERMETURE A CHARNIERE INVIO-
LABLE POUR BOUTEILLES SCEL-
LEES PAR FILM ET RECIPIENTS
POUR CONTENUS COULANTS

(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) SEELHOFER, Fritz [CH/CH]; Halden-
strasse 18, CH-8315 Lindau (CH).

(74) FELBER & PARTNER AG; Dufourstrasse
116, CH-8034 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ B65D 65/46, A01N 3/02, A01G 5/06

(11) WO 2004/043822 (13) A1

(21) PCT/NL2002/000727

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • PACKAGE WITH FEEDING MATERI-
ALS FOR CUT FLOWERS

• EMBALLAGE CONTENANT DES
SUBSTANCES NUTRITIVES POUR
FLEURS COUPEES

(71) ENHOLD B.V. [NL/NL]; Gooimeer 7,
NL-1411 DD Naarden (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JANSSEN, Jan [NL/NL]; Stirgeberk-
straat 12, NL-1316 SG Almere (NL). HER-
MAN, Paul, Thomas, Dirk [NL/NL];
Zonnenbloempad 8, NL-8255 JB Swifterbant
(NL).

(74) JORRITSMA, Ruurd; Nederlandsch Oec-
troobureau, Scheveningseweg 82, P.O. Box
29720, NL-2502 LS The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 75/34, 75/24

(11) WO 2004/043823 (13) A1

(21) PCT/GB2002/005069

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • BLISTER PACK
• PLAQUETTE ALVEOLAIRE

(71) WRIGHT, FENN & CO. LTD. [GB/GB];
1 Carlton House, 75 Kew Green, Richmond,
Surrey TW9 3AH (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FENN, David, John [GB/GB]; 1 Carl-
ton House, 75 Kew Green, Richmond, Surrey
TW9 3AH (GB).

(74) WATKINS, Rosalind, Philippa; Swindell
& Pearson, 48 Friar Gate, Derby DE1 1GY
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65D 81/32, 51/28, 83/08

(11) WO 2004/043824 (13) A1

(21) PCT/IL2003/000722

(22) 2 Sep/sep 2003 (02.09.2003)

(25) en (26) en

(30) 152867 14 Nov/nov 2002 IL
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TISSUE CONTAINER WITH AUXIL-
IARY COMPARTMENT

• RECIPIENT A PAPIER-LINGE A COM-
PARTIMENT AUXILIAIRE

(71, 72) DE-VRIES, Liat [IL/IL]; 61 Dolev
Street, 38900 Caesarea (IL).

(74) REINHOLD COHN AND PARTNERS;
P.O.Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC 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 B65D 83/00

(11) WO 2004/043825 (13) A1

(21) PCT/EP2003/012217

(22) 3 Nov/nov 2003 (03.11.2003)

(25) de (26) de

(30) 202 17 554.5 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISPENSING DEVICE FOR A
GEL-TYPE ACTIVE SUBSTANCE
PREPARATION

• DISPOSITIF DE DISTRIBUTION POUR
UNE PREPARATION ACTIVE DE TYPE
GEL

(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) GRÄSSER, Lutz [DE/DE]; Alt Breinig
18, 52223 Stolberg (DE). MÜHLHAUSEN,
Hans-Georg [DE/DE]; Schimmelpfen-
ningstrasse 61, 40597 Düsseldorf (DE).

(81) AU BR CA CN DZ EG ID IL IN JP KR MX
PL RU SG UA US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ B65D 83/14, 83/44

(11) WO 2004/043826 (13) A1

(21) PCT/EP2003/012195

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 102 52 161.1 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRESSURE CONTAINER, PARTICU-
LARLY FOR FROZEN SUBSTANCES

• RECIPIENT A PRESSION, EN PARTI-
CULIER POUR DES SUBSTANCES GE-
LEES

(71) **THOMAS GMBH** [DE/DE]; Industries-trasse 6, 63505 Langenselbold (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RACKWITZ, Ingo** [DE/DE]; Rhönstrasse 6, 36396 Steinau a. d. Str. (DE).

(74) **ERB, Henning et al.** / etc.; Beyer & Jochem, Postfach 18 02 04, 60083 Frankfurt am Main (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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)

(51)⁷ **B65D 83/20, B05B 11/00**

(11) **WO 2004/043827** (13) A1

(21) PCT/FR2003/003306

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) fr (26) fr

(30) 02/13879 **6 Nov/nov 2002 (06.11.2002)** FR

(43) 27 May/mai 2004 (27.05.2004)

(54) • **DEVICE FOR PACKAGING AND DISPENSING A LIQUID OR SEMI-LIQUID PRODUCT**

• **DISPOSITIF DE CONDITIONNEMENT ET DE DISTRIBUTION POUR UN PRODUIT LIQUIDE OU SEMI-LIQUIDE**

(71) **INNOVATION PACKAGING** [FR/FR]; Z.A. Les Patis, F-27400 Acquigny (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DO, ROSARIO, Paulo** [FR/FR]; 2, Chemin des Hautes Ventes Les Monts, F-27400 Louviers (FR). **DE, Rosa, Daniel** [FR/FR]; 9 Côte De La Justice, F-27400 Louviers (FR).

(74) **LAGET, Jean-Loup**; Cabinet Peuscet, 78, avenue Raymond-Poincaré, F-75116 Paris (FR).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ **B65F 1/14, B62B 5/04**

(11) **WO 2004/043828** (13) A1

(21) PCT/ES2003/000570

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) es (26) es

(30) P 200202602 **13 Nov/nov 2002 (13.11.2002)** ES

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CONTAINER SECURING DEVICE**

• **DISPOSITIF DE SOUTIEN DE RECIPIENTS**

(71, 72) **GARCIA RUIZ, Domingo** [ES/ES]; 92, Calle Mayor, E-25100 Almacelles (Lleida) (ES). **MILAGROS RODRIGO, Socorro** [ES/ES]; 92, Calle Mayor, E-25100 Almacelles (Lleida) (ES).

(74) **SUGRAÑES MOLINE, Pedro**; 304, calle Provenza, E-08008 Barcelona (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **B65G**

(11) **WO 2004/043829** (13) A2

(21) PCT/US2003/034638

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 60/423,910 **5 Nov/nov 2002 (05.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TRAYS FOR GROWTH PLUGS, AND METHODS OF PRODUCING THEM**

• **PLATEAUX POUR UNE MOTTES DE CROISSANCE ET PROCEDES DE PRODUCTION DE CES PLATEAUX**

(71) **RYNEL, INC.** [US/US]; 55 Industrial Park Road, Boothbay, ME 04537 (US).

(72) **KENNEDY, T., Scott**; 11 Andersen Road, Boothbay, ME 04544 (US).

(74) **GORDON, Dana, M. et al.** / etc.; Patent Group, Foley Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 **B65G**

(11) **WO 2004/043830** (13) A2

(21) PCT/US2003/035042

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 60/425,631 **13 Nov/nov 2002 (13.11.2002)** US

(30) 10/351,431 **27 Jan/jan 2003 (27.01.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TROLLEY DEVICE AND METHOD FOR TRANSPORTING ARTICLES ALONG A RAIL SYSTEM**

• **DISPOSITIF SOUS FORME DE CHARIOT ET PROCEDE DE TRANSPORT D'ARTICLES LE LONG D'UN SYSTEME A RAIL**

(71, 72) **HARRELL, Rodney** [US/US]; 2054 Citrus Avenue, Jessup, MD 20794 (US).

(74) **SHAPIRO, Stuart, B. et al.** / etc.; Edell, Shapiro & Finnan, LLC, Suite 400, 1901 Research Boulevard, Rockville, MD 20850-3164 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **B65G**

(11) **WO 2004/043831** (13) A2

(21) PCT/US2003/035536

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/424,898 **8 Nov/nov 2002 (08.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **SYSTEMS AND METHODS OF SORTING SAMPLES**

• **SYSTEMES ET PROCEDES POUR TRIER DES ECHANTILLONS**

(71) **IRM, LLC** [US/—]; c/o Sophia House, 48 Church Street, Hamilton HM LX (BM).

(72, 75) **WESELAK, Mark, R.** [CA/US]; 5360 Ruette De Mer, San Diego, CA 92130 (US). **BACKES, Brad** [US/US]; 2139, West Crystal Avenue, Chicago, IL 60622 (US). **EK, Jared** [US/US]; 7785 Norcanyon Way, San Diego, CA 92126 (US).

(74) **QUINE, Jonathan, Alan et al.** / etc.; Quine Intellectual Property Law Group, P.C., P.O. Box 458, Alameda, CA 94501 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65G
- (11) WO 2004/043832 (13) A2
- (21) PCT/US2003/036365
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/294,464 13 Nov/nov 2002 US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MATERIAL HANDLING APPARATUS AND METHOD FOR OPERATING
- APPAREIL DE MANIPULATION DE MATERIAUX ET PROCEDE DE FABRICATION
- (71, 72) HACKETT, Jeffrey, K. [US/US]; 3320 Ladyslipper Drive, P.O. Box 68, Benedict, MN 56436 (US). RUDD, Garry, W. [US/US]; 21848-269th Avenue, Nevis, MN 56467 (US).
- (74) BRUESS, Steven, C.; Merchant & Could P.C., P.O. Box 2903, Minneapolis, MN 55402-0903 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (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 VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ B65G 15/30
- (11) WO 2004/043833 (13) A1
- (21) PCT/US2003/005973
- (22) 27 Feb/fév 2003 (27.02.2003)
- (25) en (26) en
- (30) 60/426,238 14 Nov/nov 2002 US (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • END PROTECTOR LINK FOR CONVEYOR CHAIN
- MAILLON DE PROTECTION TERMINALE DESTINE A UNE CHAÎNE D'UN TRANSPORTEUR
- (71) RAMSEY PRODUCTS CORPORATION [US/US]; 3701 Performance Road, P.O. Box 668827, Charlotte, NC 28266 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) HALL, William, C. [US/US]; 3837 Fox Run, Denver, NC 28037 (US).

- (74) ADAMS, W., Thad, III; Adams, Schwartz & Evans, P.A., 2180 Two Wachovia Center, 301 S. Tryon Street, Charlotte, NC 28282 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 GAGN GQ GW ML MR NE SN 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 VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement

(51)⁷ B65G 15/58, 21/20

- (11) WO 2004/043834 (13) A1
- (21) PCT/EP2003/012426
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) de (26) de
- (30) 102 53 097.1 13 Nov/nov 2002 DE (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • TRANSPORT SYSTEM FOR NON-MAGNETIC FLAT OBJECTS
- SYSTEME DE TRANSPORT POUR DES OBJETS PLATS NON MAGNETIQUES
- (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) KNOKE, Thomas [DE/DE]; Zum Bussberg 8, 33619 Bielefeld (DE). DIECKMANN, Franz-Josef [DE/DE]; Brookstrasse 72, 49497 Mettingen (DE). LAMKEMEYER, Andreas [DE/DE]; Hermann-Ehlers-Strasse 27, 49082 Osnabrück (DE).
- (74) WEBER, Jan, Thorsten; Windmüller & Hölscher KG, Münsterstrasse 50, 49525 Lengerich (DE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 B65G 21/14

- (11) WO 2004/043835 (13) A1
- (21) PCT/US2003/035408
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 60/424,421 7 Nov/nov 2002 US (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ADJUSTABLE LENGTH CONVEYOR BED
- LIT DE CONVOYEUR A LONGUEUR REGLABLE
- (71) RAPISTAN SYSTEMS ADVERTISING CORP. [US/US]; 507 Plymouth Avenue NE, Grand Rapids, MI 49505-6098 (US).
- (72) SCHAUM, Frank, Peter; 2656 Lenwood Lane, NE, Grand Rapids, MI 49525 (US). MCGETTIGAN, Michael, T.; 4085 Oak Hollow Court, Muskegon, MI 49441 (US).
- (74) FLORY, Timothy A. et al. / etc.; Van Dyke, Gardner, Linn & Burkhart, LLP 2851 Charlevoix Drive, SE Suite 207, P.O. Box 888695, Grand Rapids, MI 49588-8695 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043836 (13) A1

(21) PCT/JP2003/010533

(22) 20 Aug/août 2003 (20.08.2003)

(25) ja (26) ja

(30) 2002/328716 12 Nov/nov 2002 JP
(12.11.2002)(30) 2003/165207 10 Jun/juin 2003 JP
(10.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHYSICAL DISTRIBUTION MANAGEMENT SYSTEM, SMALL-SIZE SEMICONDUCTOR USED IN THE PHYSICAL DISTRIBUTION MANAGEMENT SYSTEM, INFORMATION PROCESSING DEVICE FOR SHIPPER, INFORMATION PROCESSING DEVICE FOR MEDIATOR, INFORMATION PROCESSING DEVICE FOR RECIPIENT, SERVER, READER FOR SMALL-SIZE SEMICONDUCTOR, READER/WRITER FOR SMALL-SIZE

• SYSTEME DE GESTION DE DISTRIBUTION PHYSIQUE, SEMICONDUCTEUR DANS LEDIT SYSTEME DE GESTION DE DISTRIBUTION PHYSIQUE, DISPOSITIF DE TRAITEMENT DE L'INFORMATION POUR EXPEDITEUR, DISPOSITIF DE TRAITEMENT DE L'INFORMATION POUR INTERMEDIAIRE, DISPOSITIF DE TRAITEMENT DE L'INFORMATION POUR DESTINATAIRE, SE

(71, 72) OMATSU, Shigehisa [JP/JP]; Ni-3297-1, Asahi-shi, Chiba 289-2504 (JP).

(74) ISSHIKI & CO.; Rookin-Shinbashi Bldg., 12-7, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 B65H 16/10

(11) WO 2004/043837 (13) A1

(21) PCT/IT2002/000721

(22) 13 Nov/nov 2002 (13.11.2002)

(25) it (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • UNWINDING DEVICE FOR REELS OF WEB MATERIAL WITH DUAL DRIVE MECHANISM AND RELATIVE UNWINDING METHOD

• DISPOSITIF DE DEVIDAGE DESTINE AUX BOBINES DE TISSUS ET MUNI D'UN DOUBLE MECANISME D'ENTRAÎNEMENT, ET PROCEDE DE DEVIDAGE CORRESPONDANT

(71) FABIO PERINI S.P.A. [IT/IT]; Zone Ind.le P.I.P. Mugnano Sud, I-55100 Lucca (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BETTI, Giulio [IT/IT]; Via di Piaggia, 8, Vorno, I-55060 Capannori (IT).
MORELLI, Roberto [IT/IT]; Via della Chiesa, 889, I-55056 S. Maria a Colle (IT).
BENVENUTI, Angelo [IT/IT]; Via del Chiasso, 327, I-55100 Lucca (IT).

(74) MANNUCCI, Michele et al. / etc.; Via della Scala, 4, I-50123 Firenze (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B65H 35/00

(11) WO 2004/043838 (13) A1

(21) PCT/US2003/035505

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,006 9 Nov/nov 2002 US
(09.11.2002)(30) 10/431,409 7 May/mai 2003 US
(07.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BLADE PROTECTOR FOR TAPE DISPENSER
• PROTEGE-LAME POUR DEVIDOIR DE RUBAN ADHESIF

(71) HENKEL CONSUMER ADHESIVES, INC. [US/US]; 32150 Just Imagine Drive, Avon, OH 44011 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MCDONALD, Gerald, A. [US/US]; 3 Oakes Avenue, P.O. Box 4600, Gloucester, MA 01930-3919 (US).

(74) MURPHY, Glenn, E., J.; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 54/02

(11) WO 2004/043839 (13) A1

(21) PCT/JP2002/011814

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • BOBBIN WINDING DEVICE, TENSION DETECTION METHOD, AND TENSION DETECTION DEVICE

• DISPOSITIF DE BOBINAGE, PROCEDE DE DETECTION DE TENSION, ET DISPOSITIF DE DETECTION DE TENSION

(71) MURATA KIKAI KABUSHIKI KAISHA [JP/JP]; 3, Minami Ochiai-cho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto 601-8326 (JP).

(72) NAKADE, Kazuhiko; 12, Miyazaki-cho, Shimogamo, Sakyo-ku, Kyoto-shi, Kyoto 606-0802 (JP). HASEGAWA, Masakatsu; 136-4, Kamizato Minamino-cho, Oharano, Nishikyo-ku, Kyoto-shi, Kyoto 610-1123 (JP). MUTA, Katsufumi; 7-33, Iwami-cho, Oharano, Nishikyo-ku, Kyoto-shi, Kyoto 610-1128 (JP).

(74) HIRAI, Tamotsu; 1-12-1-1201, Hiranuma, Nishi-ku, Yokohama-shi, Kanagawa 220-0023 (JP).

(81) CN DE.

(51)⁷ B66B 1/20

(11) WO 2004/043840 (13) A2

(21) PCT/JP2003/013128

(22) 14 Oct/oct 2003 (14.10.2003)

(25) en (26) en

(30) 10/293,520 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR CONTROLLING AN ELEVATOR SYSTEM AND CONTROLLER FOR AN ELEVATOR SYSTEM

• PROCEDE DE COMMANDE D'UN GROUPE D'ASCENSEURS ET SYSTEME DE COMMANDE CORRESPONDANT

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) BRAND, Matthew, E.; 449 Lowell Ave, Unit 11, Newton, MA 02460 (US).
NIKOVSKI, Daniel, N.; 6 Rose Street, Somerville, MA 02143 (US).

(74) SOGA, Michiharu et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) 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 :

(t) for all designations / pour toutes les désignations

(51)⁷ B66B 5/00

(11) WO 2004/043841 (13) A1

(21) PCT/EP2002/012538

(22) 9 Nov/nov 2002 (09.11.2002)

(25) de (26) de

(43) 27 May/mai 2004 (27.05.2004)

(54) • SAFETY DEVICE FOR AN ELEVATOR SYSTEM COMPRISING A NUMBER OF ELEVATOR CARS INSIDE A SHAFT

• DISPOSITIF DE SECURITE DESTINE A UN SYSTEME D'ASCENSEUR COMPORTANT PLUSIEURS CABINES DANS UNE CAGE

(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) REUTER, Günter [DE/DE]; Amselweg 23, 70794 Filderstadt (DE). MEISSNER, Wolfgang [DE/DE]; Beethovenstrasse 1, 73765 Neuhausen (DE). SCHLECKER, Helmut [DE/DE]; Hindenburgstrasse 118, 73207 Plochingen (DE). NÜBLING, Walter [DE/DE]; Hauffstrasse 24, 73760 Ostfildern (DE). THUMM, Gerhard [DE/DE]; In den Staudenäckern 3, 70794 Filderstadt (DE).

(74) KARRAIS, Martin et al. / etc.; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ B66B 5/00

(11) WO 2004/043842 (13) A1

(21) PCT/EP2003/012323

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) PCT/EP02/12538 9 Nov/nov 2002 EP (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SAFETY SYSTEM FOR ELEVATOR SYSTEM, COMPRISING SEVERAL ELEVATOR CARS IN A CAGE

• SYSTEME DE SECURITE POUR SYSTEME D'ASCENSEUR COMPRENANT PLUSIEURS CABINES D'ASCENSEUR DANS UNE CAGE

(71) THYSSENKRUPP ELEVATOR AG [DE/DE]; August-Thyssen-Strasse 1, 40211 Düsseldorf (DE).

(72) REUTER, Günter; Amselweg 23, 70794 Filderstadt (DE). MEISSNER, Wolfgang; Beethovenstrasse 1, 73765 Neuhausen (DE). SCHLECKER, Helmut; Hindenburgstrasse 118, 73207 Plochingen (DE). NÜBLING, Walter; Hauffstrasse 24, 73760 Ostfildern (DE). THUMM, Gerhard; In den Staudenäckern 3, 70794 Filderstadt (DE).

(74) KARRAIS, Martin et al. / etc.; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, 70182 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B66B 7/06

(11) WO 2004/043843 (13) A1

(21) PCT/JP2002/011789

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • ROPE FOR ELEVATOR AND ELEVATOR EQUIPMENT

• CABLE POUR ASCENSEUR ET EQUIPEMENT D'ASCENSEUR

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) HONDA, Takenobu; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ B66B 7/06, 11/08, D07B 1/16

(11) WO 2004/043844 (13) A1

(21) PCT/JP2002/011790

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • ROPE FOR ELEVATOR AND ELEVATOR EQUIPMENT

• CABLE POUR ASCENSEUR ET EQUIPEMENT D'ASCENSEUR

(71) MITSUBISHI DENKI KABUSHIKI KAISHA [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(72) HONDA, Takenobu; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) SOGA, Michiteru et al. / etc.; S. Soga & Co., 8th Floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ B66B 9/08

(11) WO 2004/043845 (13) A1

(21) PCT/GB2003/004746

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 0226418.2 13 Nov/nov 2002 GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVED GUIDE RAIL FOR STAIRLIFTS

• RAIL-GUIDE AMELIORE POUR MONTE-ESCALIERS

(71) STANNAH STAIRLIFTS LIMITED [GB/GB]; Watt Close, East Portway, Andover, Hampshire SP10 3SD (GB).
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(72, 75) SZENTISTVANY, Andreas, Csaba [GB/GB]; 6 Swift Close, Andover, Hampshire SP10 5PJ (GB). STANNAH, Alan, Neil, Russell [GB/GB]; Watt Close, East Portway, Andover, Hampshire SP10 3SD (GB).

(74) STRACHAN, Victoria, Jane; Urquhart-Dykes & Lord, Alexandra House, Alexandra Road, Swansea SA1 5ED (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ B66F 9/04

(11) WO 2004/043846 (13) A1

(21) PCT/CN2003/000933

(22) 4 Nov/nov 2003 (04.11.2003)

(25) zh (26) zh

(30) 02249415.4 12 Nov/nov 2002 CN (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CARGO LIFTING DEVICE

• DISPOSITIF DE LEVAGE DE CARGAIS-SON

(71, 72) JIAN, Su [CN/CN]; No. 29-1, Funing Rd., Xinhua Town, Huadu District, Guangzhou, Guangdong 510080 (CN).

(74) GUANGZHOU SCIHEAD PATENT AGENT CO., LTD.; Room 1508, Huihua Commercial & Trade Building, No 80, XianLie Zhong Road, Guangzhou, Guangdong 510070 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ B67B

(11) WO 2004/043847 (13) A2

(21) PCT/US2003/035062

- (22) 4 Nov/nov 2003 (04.11.2003)
(25) en (26) en
(30) 10/288,059 5 Nov/nov 2002 US (05.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • CHILD PROOF AND TAMPER EVIDENT CONTAINER
• CONTENANT DE SECURITE ET INVOLABLE
(71) UNITED STATES CAN COMPANY [US/US]; 700 East Butterfield Road, Lombard, IL 60148 (US).
(72) AZZARELLO, Francis, T.; 7807 Valley Hill Road, Woostock, IL 60098 (US).
(74) MULLER, J., Joseph; Polster, Lieder, Woodruff & Lucchesi, L.C., 763 South New Ballas Road, St. Louis, MO 63141 (US).
(81) CA CN MX.
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- (51)⁷ B67D 5/40
(11) WO 2004/043848 (13) A1
(21) PCT/US2003/028012
(22) 5 Sep/sep 2003 (05.09.2003)
(25) en (26) en
(30) 10/288,944 6 Nov/nov 2002 US (06.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • LOW COST TRIGGER SPRAYER WITH DOUBLE VALVE ELEMENT
• PULVERISATEUR A GACHETTE DE FAIBLE COUT POURVU D'UNE DOUBLE SOUPEPE
(71) CONTINENTAL AFA DISPENSING COMPANY [US/US]; 27 Guenther Boulevard, St. Peters, MO 63376 (US).
(72) FOSTER, Donald, D.; 14 Upper Dardenne, St. Charles, MO 63304 (US). NELSON, Philip, L.; #9 Kingstowne Est. Ct., Wildwood, MO 63011 (US).
(74) ROLNICKI, Joseph, M.; Thompson Coburn LLP, One US Bank Plaza, St. Louis, MO 63101 (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).
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- (51)⁷ B81C 1/00, B32B 31/24
(11) WO 2004/043849 (13) A2
(21) PCT/FR2003/003288
(22) 4 Nov/nov 2003 (04.11.2003)
(25) fr (26) fr
(30) 02/13998 8 Nov/nov 2002 FR (08.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • METHOD FOR PRODUCTION OF A COMPONENT WITH A MICRO-JOINT AND COMPONENT PRODUCED BY SAID METHOD
• PROCEDE DE REALISATION D'UN COMPOSANT COMPORTANT UN MICRO-JOINT ET COMPOSANT REALISE PAR CE PROCEDE
(71) COMMISSARIAT A L'ENERGIE ATOMIQUE [FR/FR]; 31-33, rue de la Fédération, F-75752 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) CONSTANTIN, Olivier [FR/FR]; 9, rue Léo Lagrange, F-38100 Grenoble (FR). MITTLER, Frédérique [FR/FR]; 44, route de Grenoble, F-38120 Saint-Egrève (FR). COMBETTE, Philippe [FR/FR]; Bâtiment A, 130, Impasse Caravelle, F-34000 Montpellier (FR).
(74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, Boîte postale 1537, F-38025 Grenoble Cedex 1 (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).
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- (51)⁷ B81C 3/00
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(21) PCT/GB2003/004829
(22) 7 Nov/nov 2003 (07.11.2003)
(25) en (26) en
(30) 10/294,140 14 Nov/nov 2002 US (14.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • AN INTEGRATED STRUCTURE AND METHOD FOR FABRICATING THE SAME
• STRUCTURE INTEGREE ET PROCEDE DE FABRICATION DE CELLE-CI
(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).
(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
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(72) POGGE, Bernhard; 11 LaDue Road, Wappingers Falls, NY 12590 (US). DESPONT, Michel; Dammweg 2, CH-8134 Adliswil (CH). DRECHSLER, Ute; Gruetstrasse 60, CH-8803 Kilchberg (CH). PRASAD, Chandrika; 29 Sherwood Heights, Wappingers Falls, NY 12590 (US). VETTIGER, Peter; Langmosstrasse 33, CH-8135 Langnau am Albis (CH). YU, Roy; 18 Hankin Loop, Poughkeepsie, NY 12601 (US).
(74) LING, Christopher, John; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM 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 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).
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- Published / Publiée : (c)
(51)⁷ C01B 3/26, 3/42, 3/56
(11) WO 2004/043852 (13) A1
(21) PCT/US2003/036051
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 60/425,381 11 Nov/nov 2002 US (11.11.2002)
(30) 60/425,383 11 Nov/nov 2002 US (11.11.2002)
(30) 60/501,185 8 Sep/sep 2003 US (08.09.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • STABILIZED ALUMINA SUPPORTS, CATALYSTS MADE THEREFROM, AND THEIR USE IN PARTIAL OXIDATION
• SUPPORTS D'ALUMINE STABILISES, CATALYSEURS FABRIQUES A PARTIR DE CES DERNIERS ET LEUR
-
- CI CM GA GN GQ GW ML MR NE SN TD TG).

UTILISATION EN OXYDATION PAR-
TIELLE

- (71) **CONOCOPHILLIPS COMPANY** [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).
- (72) **RAPIER, Charles, R.**; 128 Park View Lane, Ponca City, OK 74601 (US). **XIE, Shuibo**; 3607 Bellflower Avenue, Ponca City, OK 74604 (US). **HU, Baili**; 2301 Briar Ridge Road, Ponca City, OK 74604 (US). **ORTEGO, Beatrice, C.**; 2313 Chapel Hill, Ponca City, OK 74604 (US). **SIMON, David, E.**; 5561 Chickering Court, Bartlesville, OK 74006 (US). **MINAHAN, David, M.**; 1015 Pecan Hill Street, Stillwater, OK 74074 (US).
- (74) **WESTPHAL, David, W.**; ConocoPhillips Company, P.O. Box 1267, Ponca City, OK 74602-1267 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C01B 13/32, B05D 1/20, 7/02**
- (11) **WO 2004/043853** (13) A1
- (21) PCT/JP2003/014367
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) ja (26) ja
- (30) 2002-329097 **13 Nov/nov 2002 JP (13.11.2002)**
- (30) 2002-330837 **14 Nov/nov 2002 JP (14.11.2002)**
- (30) 2003-024148 **31 Jan/jan 2003 JP (31.01.2003)**
- (30) 2003-057173 **4 Mar/mar 2003 JP (04.03.2003)**
- (30) 2003-179243 **24 Jun/juin 2003 JP (24.06.2003)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **DISPERSOID HAVING METAL-OXYGEN BOND, METAL OXIDE FILM, AND MONOMOLECULAR FILM**
- **DISPERSOÏDE À LIAISON MÉTAL-OXYGÈNE, FILM D'OXYDE MÉTALLIQUE ET FILM MONOMOLÉCULAIRE**
- (71) **NIPPON SODA CO., LTD.** [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Nobuo** [JP/JP]; R & D Laboratory for High-Performance Materials, Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). **FUJITA, Yoshitaka** [JP/JP]; R & D Laboratory for High-Performance Materials,

Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). **NAKAMOTO, Norifumi** [JP/JP]; R & D Laboratory for High-Performance Materials, Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). **TOKI, Motoyuki** [JP/JP]; KRI, Inc., 134, Chudoji-Minami-machi, Shimogyo-ku, Kyoto-shi, Kyoto 600-8813 (JP). **HIGUCHI, Akiji** [JP/JP]; KRI, Inc., 134, Chudoji-Minami-machi, Shimogyo-ku, Kyoto-shi, Kyoto 600-8813 (JP). **ONO, Kazuo** [JP/JP]; R & D Laboratory for High-Performance Materials, Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). **HIDAKA, Tomoya** [JP/JP]; R & D Laboratory for High-Performance Materials, Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP). **TAKEDA, Hiroyuki** [JP/JP]; R & D Laboratory for High-Performance Materials, Nippon Soda Co., Ltd., 12-54, Goiminamikaigan, Ichihara-shi, Chiba 290-0045 (JP).

(74) **MATSUHASHI, Yasusuke**; Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (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 **C01B 17/02**

(11) **WO 2004/043854** (13) A2

(21) PCT/FR2003/050115

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) fr (26) fr

(30) 02/14037 **8 Nov/nov 2002 FR (08.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD FOR RENDERING LIQUID SULFUR INERT**

• **PROCEDE D'INERTAGE DU SOUFRE LIQUIDE**

(71) **L'AIR LIQUIDE SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75 quai d'Orsay, F-75321 CEDEX 07 PARIS (FR).

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(72, 75) **BINOIST, Manuel** [FR/FR]; 164, rue des Pyrénées, F-75020 Paris (FR). **CIEUTAT, Denis** [FR/FR]; 53 avenue Charles de Gaulle, F-92200 NEUILLY S/SEINE (FR). **BROMET, Emmanuelle** [FR/FR]; 13 rue du Dr Launay, F-92500 RUEIL MALMAISON (FR). **DI ZANNO, Pietro** [CA/FR]; 38 rue Amedee Dufaure, F-92500 RUEIL MALMAISON (FR).

(74) **DUCREUX, Marie**; 75 quai d'Orsay, F-75321 CEDEX 07 PARIS (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C01B 23/00, C09C 1/50, C23C 16/26**

(11) **WO 2004/043855** (13) A2

(21) PCT/US2003/036101

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,236 **12 Nov/nov 2002 US (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CARBONACEOUS MATERIALS**

• **MATIERES CARBONEES**

(71) **MICROCOATING TECHNOLOGIES, INC.** [US/US]; 5315 Peachtree Industrial Blvd., Atlanta, GA 30341 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUNT, Andrew, T.** [US/US]; 495 Mountain Way, Atlanta, GA 30342 (US). **OLJACA, Miodrag** [US/US]; 322 Glen Cove Dr., Avondale Estates, GA 30002 (US).

(74) **MURATORI, Alfred, H.**; 5315 Peachtree Industrial Blvd., Atlanta, GA 30341 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 25/455, C01G 28/00, 35/00, 29/00**

(11) **WO 2004/043856** (13) A1

(21) PCT/JP2003/014383

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) ja (26) ja

(30) 2002-328548 **12 Nov/nov 2002 JP (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD FOR PRODUCING FLUORINE-CONTAINING LITHIUM COMPOUND**

• **PROCEDE DE PRODUCTION DE COMPOSE DE LITHIUM CONTENANT DU FLUOR**

(71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP). **SANTOKU CORPORATION** [JP/JP]; 14-34, Fukaekita-machi 4-chome, Higashinada-ku, Kobe-shi, Hyogo 658-0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKASHIMA, Masayuki** [JP/JP]; 105-3, Kyouden 1-chome, Fukui-shi, Fukui 910-0011 (JP). **YONEZAWA, Susumu** [JP/JP]; 52-20-3, Toumyouji-cho, Fukui-shi, Fukui 910-0062 (JP). **IRIE, Toshio** [JP/JP]; c/o Santoku Corporation, 14-34, Fukaekita-machi 4-chome, Higashinada-ku, Kobe-shi, Hyogo 658-0013 (JP). **TAKEHARA, Masahiro** [JP/JP]; c/o Mitsubishi Chemical Group, Science and Technology Research, Center, Inc., 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0332 (JP).

(74) **OGURI, Shohei et al.** / etc.; Eikoh Patent Office, 28th Floor, ARK Mori Building, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C01B 31/00

(11) WO 2004/043857 (13) A2

(21) PCT/SE2003/001751

(22) 12 Nov/nov 2003 (12.11.2003)

(25) sv (26) en

(30) 0203377-7 13 Nov/nov 2002 SE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MANIPULATION OF DERIVATIZED CARBON NANOTUBES
• MANIPULATION DE NANOTUBES DE CARBONE DERIVATISES

(71, 72) **BOLTON, Kim** [ZA/SE]; Axsatan 57, S-413 40 Mölndal (SE). **ROSEN, Arne** [SE/SE]; Lodjursvägen 3, S-433 50 Partille (SE). **GUSTAVSSON, Simon** [SE/SE]; Volrat Thamsgatan 18/4313, S-412 60 Göteborg (SE).

(74) **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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C01B 31/02

(11) WO 2004/043858 (13) A1

(21) PCT/GB2003/004925

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226590.8 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR PRODUCING CARBON NANOTUBES AND/OR NANOFIBRES

• PROCEDE DE FABRICATION DE NANOTUBES ET/OU DE NANOFIBRES DE CARBONE

(71) **CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED** [GB/GB]; 16 Mill Lane, Cambridge CB2 1SB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KINLOCH, Ian** [GB/GB]; 19 Burkett Way, Histon, Cambridge CB4 9XU (GB). **SINGH, Charanjeet** [MY/GB]; 49 Middleham Road, Newton Hall, Durham DH1 5QH (GB). **SHAFFER, Milo, Sebastian, Peter** [US/GB]; Flat 4, 26 Kensington Gardens Square, London W2 4BG (GB). **KOZIOŁ, Krzysztof, K., K.** [PL/PL]; ul. Asnyka 17, 40-696 Katowice 8 (PL). **WINDLE, Alan, H.** [GB/GB]; 15 Storeys Way, Cambridge CB3 0DP (GB).

(74) **SMART, Peter, J.**; W.H. Beck, Greener & Co., 7 Stone Buildings, Lincoln's Inn, London WC2A 3SZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C01B 31/08, 31/12

(11) WO 2004/043859 (13) A2

(21) PCT/JP2003/014379

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 2002-329490 13 Nov/nov 2002 JP (13.11.2002)

(30) 60/428,714 25 Nov/nov 2002 US (25.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACTIVE CARBON, PRODUCTION METHOD THEREOF AND POLARIZABLE ELECTRODE

• CARBONE ACTIF, SON PROCEDE D'OBTENTION ET ELECTRODE POLARISABLE

(71) **SHOWA DENKO K.K.** [JP/JP]; 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP).

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(72, 75) **TANAKA, Masako** [JP/JP]; Showa Denko K.K., 13-9, Shiba Daimon 1-chome, Minato-Ku, Tokyo 105-8518 (JP).

(74) **OHIE, Kunihisa**; Ohie Patent Office, Horiguchi No. 2 Bldg. 7F, 2-6, 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 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 C01B 33/00, C11D 11/02, 17/00

(11) WO 2004/043860 (13) A1

(21) PCT/GB2003/004922

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226511.4 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SILICATE COMPOSITIONS
• COMPOSITIONS DE SILICATE

(71) **INEOS SILICAS LIMITED** [GB/GB]; Bank Quay, Warrington, Cheshire WA5 1AB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAYA, Abraham** [GB/GB]; 5 Highcroft Green, Bebington, Wirral, Merseyside L63 3JX (GB).

(74) **MCCALLUM, Graeme, David et al.** / etc.; Lloyd Wise, McNeight & Lawrence, Highbank House, Exchange Street, Stockport, Cheshire SK3 0ET (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ C01B 33/00

(11) WO 2004/043861 (13) A2

(21) PCT/US2003/034972

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/290,863 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGH SURFACE AREA, HIGH POROSITY SILICA PACKING WITH NARROW PARTICLE AND PORE DIAMETER DISTRIBUTION AND METHODS OF MAKING SAME

• EMBALLAGE DE SILICE A HAUTE POROSITE ET A ZONE DE GRANDE SURFACE AVEC UNE DISTRIBUTION DU DIAMETRE DES PORES ET DES PARTICULES ETROITE ET PROCEDES DE FABRICATION DE CES EMBALLAGES

(71) VARIAN, INC. [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 93404 (US).

(72) MODREK-NAJAFABADI, Bijan; 28006 S. Western Avenue #165, San Pedro, CA 90732 (US).

(74) FISHMAN, Bella et al. / etc.; Varian, Inc., Legal Department, 3120 Hansen Way, D102, Palo Alto, CA 93404 (US).

(81) AU CA JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C01F 3/02, C01G 56/00

(11) WO 2004/043862 (13) A1

(21) PCT/IL2003/000954

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 152802 12 Nov/nov 2002 IL
(12.11.2002)

(30) 157764 4 Sep/sep 2003 IL
(04.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF LEACHING BERYLLIUM VALUES USING HYDROFLUORIC ACID

• PROCEDE DE LIXIVIATION D'ELEMENTS DE VALEUR DE BERYLLIUM AU MOYEN D'ACIDE FLUORHYDRIQUE

(71) MTI - METAL TECHNOLOGIES ISRAEL LTD. [IL/IL]; c/o Adv. Shmuel Feingold, 13 Alfasi Street, 92302 Jerusalem (IL).

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(71, 72) HAREL, Simcha [IL/IL]; 59 Uziel St., 96470 Jerusalem (IL). SHAPIRA, Lev [IL/IL]; 8 Sokolov St., 84288 Beer Sheva (IL). BARNEA, Eli [IL/IL]; 14 Svedia St., 34980 Haifa (IL). ZISNER, Tuvia [IL/IL]; Herzl 41, 43000 Raanana (IL).

(74) FRIEDMAN, Mark, M.; DR. MARK FRIEDMAN LTD., 7 Haomanim Street, 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/US2003/032927

(22) 15 Oct/oct 2003 (15.10.2003)

(25) en (26) en

(30) 10/291,104 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHOTOCATALYTIC RUTILE TITANIUM DIOXIDE

• DIOXYDE DE TITANE RUTILE PHOTOCATALYTIQUE

(71) MILLENNIUM INORGANIC CHEMICALS, INC. [US/US]; 20 Wight Avenue, Suite 100, Hunt Valley, MD 21030 (US).

(72) BYGOTT, Claire; 29a The Avenue Healing, Grimsby, North East Lincolnshire, DN41 7NA (GB). RIES, Michel; 13 Allee du lac, F-94310 Orly (FR). KINNIARD, Stephen P.; 3214 Evergreen Way, Ellicott City, MD 21042 (US).

(74) KALOW, David et al. / etc.; Kalow & Springut, LLP, 488 Madison Avenue, 19th floor, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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).

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(51)⁷ C02F

(11) WO 2004/043864 (13) A2

(21) PCT/US2003/035891

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,609 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXTRACTION METHODOLOGY FOR SUSPENDED AND DISSOLVED MATERIAL FROM FRUIT AND VEGETABLE WASTEWATER

• PROCEDE SERVANT A EXTRAIRE DES MATERIAUX EN SUSPENSION ET EN DISSOLUTION DANS DES EAUX USEES DE FRUITS ET DE LEGUMES

(71) WATER SOLUTIONS, INC. [US/US]; 3401 West 41st Street, Sioux Falls, SD 57106 (US).

(72) ALLEN, Stephen, Donald; 2803 Heather Place, Boise, ID 83702 (US). RUSNACK, Michael, Richard; 9833 West Lanktree Gulch Road, Star, ID 83669 (US).

(74) BUFALINO, Angelo, J.; Vedder Price Kaufman & Kammholz, 222 N. LaSalle Street, Chicago, IL 60601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C02F 1/52, 1/56

(11) WO 2004/043865 (13) A2

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(22) 12 Nov/nov 2003 (12.11.2003)

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(30) 60/425,862 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NONVISCIOUS AQUEOUS DISPERSION COMPOSITIONS OF WATER-SWELLABLE LAYERED SILICATES AND THE METHOD OF PRODUCING THE SAME

• COMPOSITIONS DE DISPERSION AQUEUSE NON VISQUEUSE DE SILICATES EN COUCHES GONFLANT DANS L'EAU ET PROCEDE DE PREPARATION CORRESPONDANT

(71) AMCOL INTERNATIONAL CORPORATION [US/US]; One North Arlington, 1500 West Shure Drive, Arlington Heights, IL 60004 (US).

(72) SENGUPTA, Ashoke, K.; 4975 Essington Lane, Barrington, IL 60010 (US). DARLINGTON, Jerald, W., Jr.; 20613 Beth Court, Marengo, IL 60152 (US). GOULD, Jennifer; 921 Wedgewood Circle, Lake in the Hills, IL 60156 (US). LIN, Iiona; 509 Circle Hill Drive, Apt. 205, Arlington Heights, IL 60004 (US).

(74) ANDERSON, Richard, H.; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 3/00, 3/02
- (11) WO 2004/043866 (13) A1
- (21) PCT/KR2003/002424
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) ko (26) en
- (30) 10-2002-0070221 13 Nov/nov 2002 KR (13.11.2002)
- (30) 10-2002-0079451 13 Dec/déc 2002 KR (13.12.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • APPARATUS FOR THE BIOLOGICAL TREATMENT OF WASTEWATER
- DISPOSITIF DE TRAITEMENT BIOLOGIQUE DES EAUX USEES
- (71, 72) LEE, Jai-Hun [KR/KR]; 106-101, Sam-sungchereville, 708-2, Shinbong-dong, Yon-gin, Kyungki-do 449-150 (KR).
- (74) CHOI, Dall-Ryong; #Rm 506, Poonglim Bldg., 823-1, Yoksam-dong, Kangnam-gu, Seoul 135-784 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C02F 3/28
- (11) WO 2004/043867 (13) A2
- (21) PCT/EP2003/012473
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) de (26) de
- (30) 02025529.5 13 Nov/nov 2002 EP (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ANAEROBIC FERMENTER
- FERMENTEUR ANAEROBIE
- (71, 72) VON NORDENSKJÖLD, Reinhart [DE/DE]; Verfahrenstechnik, Killstrasse 3, 85658 Egmmating-Münster (DE).

- (74) ZIPSE & HABERSACK; Patentanwälte, Wotanstrasse 64, 80639 München (DE).
- (81) BG BR CA CN CR ID IN MX PH PL RU UA US.
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- (51)⁷ C02F 3/34, 1/72, C12N 1/00
- (11) WO 2004/043868 (13) A1
- (21) PCT/DE2003/003731
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) de (26) de
- (30) 102 52 634.6 11 Nov/nov 2002 DE (11.11.2002)
- (30) 102 53 334.2 14 Nov/nov 2002 DE (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR PURIFYING WASTE WATER
- PROCÉDE D'ÉPURATION D'EAUX USEES
- (71) GEORG FRITZMEIER GMBH & CO. [DE/DE]; Forststrasse 2, 85655 Grosshelfendorf (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UPHOFF, Christian [DE/DE]; Kamp-enwandstrasse 100, 83229 Aschau i. Chmg. (DE).
- (74) WINTER BRANDL FÜRNISS HÜBNER RÖSS KAISER POLTE - PARTNER-SCHAFT -; Patent- und Rechtsanwaltskanzlei, Bavariaring 10, 80336 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO 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).
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- Published / Publiée : (c)
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- (51)⁷ C03B 11/02, 11/06, 11/08, 7/16, 27/06
- (11) WO 2004/043869 (13) A1
- (21) PCT/EP2003/012513
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) de (26) de
- (30) 102 52 578.1 12 Nov/nov 2002 DE (12.11.2002)
- (30) 103 20 345.1 7 May/mai 2003 DE (07.05.2003)
- (30) 103 31 821.6 14 Jul/juil 2003 DE (14.07.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • INSTALLATION AND METHOD FOR THE PRODUCTION OF GLASS STOPPERS USED FOR SEALING BOTTLES
- INSTALLATION ET PROCÉDE DE PRODUCTION DE BOUCHONS EN VERRE DESTINÉS À LA FERMETURE DE BOUTEILLES

- (71) BOROPAL TECHNOLOGY TRADING GMBH [DE/DE]; W.-Sedlbauer-Strasse 12, 94481 Grafenau-Reismühle (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) LINDNER, Walter [DE/DE]; Reichenberg 93, 94566 Riedlhütte (DE).
- (only for / seulement pour US)
- (74) MANITZ, FINSTERWALD & PARTNER GBR; Postfach 31 02 20, 80102 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ C03B 37/018, G02B 6/00
- (11) WO 2004/043870 (13) A1
- (21) PCT/KR2003/002209
- (22) 21 Oct/oct 2003 (21.10.2003)
- (25) ko (26) en
- (30) 10-2002-0070176 12 Nov/nov 2002 KR (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR MANUFACTURING OPTICAL FIBER PREFORM INCLUDING DEHYDRATION PROCESS BY PHOTOCHEMICAL REACTION
- PROCÉDE DE FABRICATION D'UNE PREFORME DE FIBRE OPTIQUE COMPRENANT UN PROCÉDE DE DESHYDRATATION PAR REACTION PHOTOCHEMIQUE
- (71) LG CABLE LTD. [KR/KR]; 19-20F ASEM Tower 159 Samsung-dong, Gangnam-gu, 135-090 Seoul (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) JANG, Ki-Wan [KR/KR]; 91-137 Sadang-dong, Dongjak-gu, 156-090 Seoul (KR). LEE, Chan-Joo [KR/KR]; 383-97 Yeonnam-dong, Mapo-gu, 121-867 Seoul (KR). PARK, Ji-Sang [KR/KR]; 606-1206 Jukong APT., Gaepo 3-dong, Gangnam-gu, 135-993 Seoul (KR). SON, Soon-II [KR/KR]; 158-247 Gwangmyeong 4-dong, Gwangmyeong-si, 423-803 Gyeonggi-do (KR). KWON, Young-II [KR/KR]; 201-306, Ssangyong APT., Garak 2-dong, Songpa-gu, 138-747 Seoul (KR).
- (74) LEE, Sang-Yong et al. / etc.; 4F., Byukcheon Bldg., 1597-5, Seocho-dong, Seocho-gu, 137-876 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL

- PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ C03C 17/36, 17/34, C23C 14/18
(11) WO 2004/043871 (13) A1
(21) PCT/FR2002/003816
(22) 7 Nov/nov 2002 (07.11.2002)
(25) fr (26) fr
(43) 27 May/mai 2004 (27.05.2004)
(54) • SYSTEM OF LAYERS FOR TRANS-
PARENT SUBSTRATES AND COATED
SUBSTRATE
• SYSTEME DE COUCHES POUR SUB-
STRATS TRANSPARENTS ET SUB-
STRAT REVÊTU
- (71) SAINT-GOBAIN GLASS FRANCE
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Courbevoie (FR).
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les États désignés sauf US)*
- (72, 75) SCHICHT, Heinz [DE/DE]; Dorfstrasse
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bert [DE/DE]; Pablo-Neruda-Ring 51, 04860
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Lars [DE/DE]; An Den Linden 50, 04889
Pfluckkuff (DE).
- (74) SAINT GOBAIN RECHERCHE; 39, quai
Lucien Lefranc, F-93300 Aubervilliers (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C04B
(11) WO 2004/043872 (13) A2
(21) PCT/US2003/033496
(22) 21 Oct/oct 2003 (21.10.2003)
(25) en (26) en
(30) 60/425,924 12 Nov/nov 2002 US
(12.11.2002)
(30) 10/351,675 23 Jan/jan 2003 US
(23.01.2003)
(30) 10/446,571 27 May/mai 2003 US
(27.05.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • REINFORCED WALLBOARD
• PANNEAU MURAL RENFORCE
- (71) INNOVATIVE CONSTRUCTION AND
BUILDING MATERIALS [US/US]; 5764

- Shellmound Street, Emeryville, CA 94608
(US).
- (72) TAGGE, Christopher, D.; 731 Chestnut
Street, #109, San Carlos, CA 94070 (US).
POLLOCK, Jacob, Freas; 1622 Woolsey
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Lennard; 682 Concord Place, Pleasanton,
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King Avenue, Piedmont, CA 94610 (US).
- (74) PARADIES, Christopher, J. et al. / etc.; Os-
tolenk, Faber, Gerb & Soffen, LLP, 1180 Ave-
nue of the Americas, New York, NY 10036
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
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- (51)⁷ C04B 14/00, 26/02, 26/14, 26/16, 26/18,
C08K 3/00
(11) WO 2004/043873 (13) A1
(21) PCT/AU2003/001520
(22) 13 Nov/nov 2003 (13.11.2003)
(25) en (26) en
(30) 2002952619 13 Nov/nov 2002 AU
(13.11.2002)
(30) 2003904407 18 Aug/août 2003 AU
(18.08.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • POLYMER CONCRETE
• BETON DE POLYMERE
- (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];
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4350 (AU).
- (74) FISHER ADAMS KELLY; LEVEL 13,
AMP PLACE, 10 EAGLE STREET, BRIS-
BANE, 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- (74) FISHER ADAMS KELLY; LEVEL 13,
AMP PLACE, 10 EAGLE STREET, BRIS-
BANE, 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 28/14
(11) WO 2004/043874 (13) A2
(21) PCT/FR2003/003333
(22) 7 Nov/nov 2003 (07.11.2003)
(25) fr (26) fr
(30) 02/14033 8 Nov/nov 2002 FR
(08.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • JOINT COATING COMPOSITION
FOR CONSTRUCTION ELEMENTS
AND METHOD FOR PRODUCING A
STRUCTURE
• COMPOSITION POUR ENDUIT DE
JOINTOEMENT POUR ELEMENTS
DE CONSTRUCTION ET PROCÉDE
DE REALISATION D'UN OUVRAGE
- (71) LAFARGE PLATRES [FR/FR]; 500, rue
Marcel Demonque, Zone du Pôle Tech-
nologique, Agro Parc, F-84915 Avignon
(FR).
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les États désignés sauf US)*
- (72, 75) BONETTO, Christian [FR/FR]; 70,
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DOMENECH, Marc [FR/FR]; Chemin Har-
mas, F-84210 La Roque Sur Pernes (FR).
PETIT, Alain [FR/FR]; 17, Lotissement les
Vertes Prairies, F-84800 Isle sur Sorgue (FR).
- (74) POCHART, François et al. / etc.; Cabinet
Hirsch-Pochart, 34, rue de Bassano, F-75008
Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 C04B 35/105, 35/117
(11) WO 2004/043875 (13) A2
(21) PCT/CH2003/000702
(22) 27 Oct/oct 2003 (27.10.2003)
(25) de (26) de
(30) 1890/02 11 Nov/nov 2002 CH
(11.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • CERAMIC-METAL OR METAL-CE-
RAMIC COMPOSITE
• COMPOSITES CERAMIQUE-METAL
OU METAL-CERAMIQUE
- (71) EMPA EIDGENÖSSISCHE
MATERIALPRÜFUNGS- UND
FORSCHUNGSANSTALT [CH/CH];
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Überlandstrasse 129, CH-8600 Dübendorf (CH).
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(72, 75) LEMSTER, Katja [DE/CH]; Tannenbergrasse 46, CH-8625 Gossau (CH). KÜBLER, Jakob [CH/CH]; Steckborner Strasse 22, CH-8535 Herdern (CH).

(74) IRNIGER, Ernst; Troesch Scheidegger Werner AG, Schwäntenmos 14, CH-8126 Zumikon (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 NI NO NZ OM PG PH PL PT RO RU SC 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 C04B 35/573

(11) WO 2004/043876 (13) A1

(21) PCT/JP2003/014371

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-328214 12 Nov/nov 2002 JP (12.11.2002)

(30) 2003-344849 2 Oct/oct 2003 JP (02.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SILICON CARBIDE SINTERED PRODUCT AND METHOD FOR PRODUCTION THEREOF
• PRODUIT FRITTE EN CARBURE DE SILICIUM ET PROCÉDE DE PRODUCTION DE CELUI-CI

(71) BRIDGESTONE CORPORATION [JP/JP]; 10-1, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8340 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ODAKA, Fumio [JP/JP]; 7-10, Kurihara 6-chome, Niiza-shi, Saitama 352-0035 (JP).

(74) MIYOSHI, Hidekazu; 9th Floor, Toranomon Daiichi Building 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C04B 41/51, B29C 65/30, B65B 51/10

(11) WO 2004/043877 (13) A1

(21) PCT/SE2003/001735

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0203367-8 14 Nov/nov 2002 SE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN ELECTRIC CONNECTION TO A CERAMIC SEALING JAW, AND A METHOD OF REALISING THE CONNECTION

• CONNEXION ELECTRIQUE POUR MACHOIRE DE SCÉLLEMENT EN CERAMIQUE, ET PROCÉDE D'OBTECTION DE CETTE CONNEXION

(71) TETRA LAVAL HOLDINGS & FINANCE S.A. [CH/CH]; Av. Général-Guisan 70, CH-1009 Pully (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SELBERG, Hans [SE/SE]; Älgskyttevägen 7, S-226 53 LUND (SE). INGVERT, Claes [SE/SE]; Basgränden 59, S-224 68 LUND (SE). BÖCKERMAN, Björn [SE/SE]; Smultrongatan 27, S-234 43 LOMMA (SE). NILSSON, Tommy [SE/SE]; tel 2497, Sunnavägen 18 D, S-222 26 LUND (SE).

(74) GUNNARSSON, Mikael; AB TETRA PAK, Patent Department, Ruben Rausing's gata, S-221 86 Lund (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C05B 7/00, C05G 3/00

(11) WO 2004/043878 (13) A1

(21) PCT/EP2003/050821

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 02257854.6 14 Nov/nov 2002 EP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A PROCESS FOR THE MANUFACTURE OF SULPHUR-CONTAINING AMMONIUM PHOSPHATE FERTILIZERS

• PROCÉDE DE FABRICATION DE FERTILISANTS A BASE DE PHOSPHATE D'AMMONIUM RENFERMANT DU SOUFRE

(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.

[NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KEENAN, Kenneth William [CA/CA]; 400-4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA). KENNEDY, William Patrick [CA/CA]; 511-30th Avenue S.W., Calgary, Alberta T2S 0P4 (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 US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C05F 17/00, 17/02, A01K 67/033

(11) WO 2004/043879 (13) A1

(21) PCT/FR2003/003322

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02/14022 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR UPGRADING ORGANIC WASTE INTO NATURAL FERTILIZER (OR EARTH-WORM COMPOST)

• APPAREIL ET METHODE PERMETTANT DE VALORISER LES DECHETS ORGANIQUES EN ENGRAIS NATUREL (OU LOMBRICOMPOST)

(71, 72) LEPELTIER, Pierre [FR/FR]; 467, chemin de la petite Frette, F-38110 Dolomieu (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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.

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(51) C07C

(11) WO 2004/043880 (13) A2

(21) PCT/EP2003/012458

(22) 7 Nov/nov 2003 (07.11.2003)

(25) de (26) de

(30) 102 52 659.1 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR THE PRODUCTION OF 2-KETO-L-GULONIC ACID-C₁₀ ALKYL ESTERS

- PROCEDE DE PRODUCTION D'ESTERS D'ALKYLE C₄-C₁₀ D'ACIDE 2-CETO-L-GULONIQUE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
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(72, 75) **DOMSCHKE, Thomas** [DE/DE]; Franz-Stützel-Str.46, 67346 Speyer (DE). **MERGER, Martin** [DE/DE]; Schiesshausstr. 28, 67061 Ludwigshafen (DE). **GROßMANN, Georg** [DE/DE]; Gudenweg 8, 68199 Mannheim (DE). **FAUST, Tillmann** [DE/DE]; Parkweg 4, 67256 Weisenheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 LUDWIGSHAFEN (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07C

(11) **WO 2004/043881** (13) A2

(21) PCT/US2002/035761

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • A METHOD TO PRODUCE SUCCINIC ACID FROM RAW HYDROLYSATES
- PROCEDE DE PRODUCTION D'ACIDE SUCCINIQUE A PARTIR D'HYDROLYSATS BRUTS

(71) **UT-BATTELLE, LLC** [US/US]; P.O. Box 2008, MS 6498, Oak Ridge National Laboratory, Oak Ridge, TN 37831-6498 (US).

(72) **NGHIEM, Nhuan, Phu**; 10109 Red Hellard Lane, Knoxville, TN 37923 (US). **DONNELLY, Mark**; 2S 326 Williams Road, Waranville, IL 60555 (US). **SANVILLE-MILLARD, Cynthia, Y.**; 16513 Winding Creek Road, Plainfield, IL 60544 (US).

(74) **KIM, Stanley, A.**; Akerman Senterfitt, Post Office Box 3188, West Palm Beach, FL 33402-3188 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (m)

(51)⁷ C07C

(11) **WO 2004/043882** (13) A2

(21) PCT/US2003/032142

(22) 10 Oct/oct 2003 (10.10.2003)

(25) en (26) en

(30) 10/290,787 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • HIGHLY HOMOGENEOUS AMORPHOUS SILICA-ALUMINA CATALYST COMPOSITION

- COMPOSITION DE CATALYSEUR A BASE DE SILICE/ALUMINIUM AMORPHE A HOMOGENEITE ELEVEE

(71) **CHEVRON U.S.A. INC.** [US/US]; 6001 Bollinger Canyon Road, Building T, Third Floor, San Ramon, CA 94583 (US).

(72) **TIMKEN, Hye Kyung, C.**; 710 Pomona Avenue, Albany, CA 94706 (US). **HABIB, Mohammad, M.**; 421 Canyon Court, Benicia, CA 94510 (US).

(74) **ROTH, Steven, H. et al. / etc.**; ChevronTexaco Corporation, Law Department, P.O. Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07C

(11) **WO 2004/043883** (13) A2

(21) PCT/US2003/034895

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,011 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CONVERSION OF CARBON DISULFIDE AND HYDROGEN TO METHYL MERCAPTANS

- CONVERSION DU DISULFURE DE CARBONE ET DE L'HYDROGENE EN METHYLE MERCAPTANS

(71) **GEORGIA-PACIFIC RESINS, INC.** [US/US]; 133 Peachtree Street, N.E., Atlanta, GA 30348-5605 (US).

(72) **MUL, Guido**; Delft University of Technology, Chem Tech/Industrial Catalysts, Julianalaan 136, NL-2628 BL Delft (NL). **HIRSCHORN, Albert, S.**; 199 Buckthorn

Way, Menlo Park, CA 94025 (US). **WILSON, Robert, B., Jr.**; 1216 Harriet Street, Palo Alto, CA 94301 (US).

(74) **SKERPON, Joseph, M.**; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO 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 C07C

(11) **WO 2004/043884** (13) A2

(21) PCT/US2003/035742

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 60/425,893 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • NOVEL ACYLATING REAGENTS
- NOUVEAUX REACTIFS ACYLANTS

(71) **ENZON PHARMACEUTICALS, INC.** [US/US]; 685 Route 202/206, Bridgewater, NJ 08807 (US).

(72) **ZHAO, Hong**; 34 Bella Vista Court, Edison, NJ 08820 (US). **GREENWALD, Richard, B.**; 113 Hickory Road, Somerset, NJ 08873 (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 NI NO NZ OM PG PH PL PT 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 C07C

(11) **WO 2004/043885** (13) A2

(21) PCT/US2003/035810

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,760 12 Nov/nov 2002 US (12.11.2002)

(30) 60/426,060 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • BENZOATE INDUCIBLE PROMOTERS
• PROMOTEURS INDUCTIBLES PAR DU BENZOATE

(71) **PURDUE RESEARCH FOUNDATION** [US/US]; 3000 Kent Avenue, West Lafayette, IN 47906 (US).

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(72, 75) **HODGES, Thomas, K.** [US/US]; 6038 W 75 N, West Lafayette, IN 47906 (US).
ANTUNES, Mauricio, S. [BR/US]; 143-01 Halsey Drive, West Lafayette, IN 47907 (US).
CARPITA, Nickolas [US/US]; 82 Limberlost Lane, West Lafayette, IN 47906 (US).

(74) **BOND, Jason, R.** et al. / etc.; Medlen & Carroll, LLP, 101 Howard Street, Suite 350, San Francisco, CA 94105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043886** (13) A2

(21) PCT/US2003/036056

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/294,314 **12 Nov/nov 2002 US (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PRODUCTION OF PHARMACEUTICALLY ACTIVE PROTEINS IN SPROUTED SEEDLINGS

- PRODUCTION DE PROTEINES PHARMACEUTIQUEMENT ACTIVES DANS DES SEMIS GERMES

(71) **NUCYCLE THERAPY, INC.** [US/US]; 255 Long Avenue, Hillside, NJ 07205 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENSLEY, Burt** [US/US]; PMB 1319, 2675 West Highway 89A, Sedona, AZ 86336 (US).

(74) **GERBER, Monica, R.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2/32(11) **WO 2004/043887** (13) A2

(21) PCT/US2003/035834

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,145 **8 Nov/nov 2002 US (08.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

- (54) • IMPROVED PROCESS FOR PRODUCING ALPHA-OLEFINS

- PROCEDE PERFECTIONNE DE PRODUCTION D'ALPHA-OLEFINS

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) **BERG, David, Allen**; 67 Watts Circle, Kingston, Ontario K7M 2P4 (CA).
ITTEL, Steven, Dale; 7 Barley Mill Drive, Wilmington, DE 19807 (US).
FISHER, John, Charles; 630 Forest Hill Drive, Kingston, Ontario K7M 5B6 (CA).

(74) **BOWEN, Alanson, G., Jr.**; E.I. DU PONT DE NEMOURS AND COMPANY, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 C07C 7/167, 7/163(11) **WO 2004/043888** (13) A1

(21) PCT/US2003/034408

(22) **29 Oct/oct 2003 (29.10.2003)**

(25) en (26) en

(30) 10/290,831 **8 Nov/nov 2002 US (08.11.2002)**(30) 10/679,909 **6 Oct/oct 2003 US (06.10.2003)**

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PROCESS FOR THE SELECTIVE HYDROGENATION OF ALKYNES

- PROCEDE POUR L'HYDROGENATION SELECTIVE D'ALCYNES

(71) **CATALYTIC DISTILLATION TECHNOLOGIES** [US/US]; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US).

(72) **RYU, Yong, J.**; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US).

(74) **JOHNSON, Kenneth, H.**; P.O. Box 630708, Houston, TX 77263 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07C 7/20, C10G 29/20, B01D 21/01(11) **WO 2004/043889** (13) A1

(21) PCT/US2003/034986

(22) **3 Nov/nov 2003 (03.11.2003)**

(25) en (26) en

(30) 10/289,875 **7 Nov/nov 2002 US (07.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SETTLING AIDS FOR SOLIDS IN HYDROCARBONS

- AUXILIAIRES DE DECANTATION POUR SOLIDES PRESENTS DANS DES HYDROCARBURES

(71) **GE BETZ, INC.** [US/US]; 4636 Somerton Road, Travose, PA 19053-6783 (US).

(72) **CALVERT, Nancy R.**; 2218 Oak Shores, Kingwood, TX 77339 (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07C 29/17, B01J 23/656, 23/42(11) **WO 2004/043890** (13) A2

(21) PCT/EP2003/012378

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) de (26) de

(30) 102 52 280.4 **11 Nov/nov 2002 DE (11.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

- (54) • IMPROVED CATALYST AND METHOD FOR PRODUCING ALCOHOL BY HYDROGENATION ON SAID CATALYST

- CATALYSEUR AMELIORE ET PROCEDE DE PRODUCTION D'ALCOOLS PAR HYDROGENATION SUR CE CATALYSEUR
- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHUBERT, Markus** [DE/DE]; Alwin-Mittasch-Platz 11, 67063 Ludwigshafen (DE). **HUBER-DIRK, Sylvia** [DE/DE]; Jungenheimer Strasse 12g, 64673 Zwingenberg (DE). **HESSE, Michael** [DE/DE]; Weinbietstr.10, 67549 Worms (DE). **PFEIFER, Jochen** [DE/DE]; Oberdorfstr. 41a, 76831 Ilbesheim (DE). **FISCHER, Rolf-Hartmuth** [DE/DE]; Bergstr.98, 69121 Heidelberg (DE). **RÖSCH, Markus** [DE/DE]; Friedrich-Ebert-Strasse 115A, 55276 Oppenheim (DE). **BOTTKE, Nils** [DE/DE]; Werderstr. 12, 68165 Mannheim (DE). **WECK, Alexander** [DE/DE]; Buttstaedter Str. 9, 67251 Freinsheim (DE). **WINDECKER, Gunther** [DE/DE]; Von-Sturmfeder-Strasse 7, 67067 Ludwigshafen (DE). **HEYDRICH, Gunnar** [DE/DE]; Kirchenstr. 43, 67117 Limburgerhof (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 45/28, 47/575, B01J 23/70, 23/745
- (11) **WO 2004/043891** (13) A1
- (21) PCT/CH2003/000749
- (22) 14 Nov/nov 2003 (14.11.2003)
- (25) de (26) de
- (30) 1916/02 14 Nov/nov 2002 CH (14.11.2002)
- (30) 0273/03 21 Feb/fév 2003 CH (21.02.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CATALYTIC METHOD FOR THE PRODUCTION OF CARBONYL COMPOUNDS
- PROCÉDÉ CATALYTIQUE POUR LA PRODUCTION DE COMPOSÉS CARBONYLE
- (71) **TEX-A-TEC AG** [CH/CH]; Färch/Industriegebiet, CH-9630 Wattwil (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ANTOGNOLI, Franco** [CH/CH]; Mönchweg 8, CH-6005 Luzern (CH). **RY, Paul** [CH/CH]; In der Looren 51, CH-8053 Zürich (CH).
- (74) **DILTEC AG**; Technoparkstrasse 1, CH-8005 Zürich (CH).
- (81) AU BR CA CN HU ID JP KR MX NO NZ PL SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
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- (51)⁷ C07C 51/31, 55/14, 59/01
- (11) **WO 2004/043892** (13) A1
- (21) PCT/US2003/035835
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 10/289,572 7 Nov/nov 2002 US (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A PROCESS FOR THE PRODUCTION OF AN AQUEOUS SOLUTION OF ADIPIC ACID, HYDROXYHEXANOIC ACID AND OLIGOMERS THEREOF
- PROCEDE DE PRODUCTION D'UNE SOLUTION AQUEUSE D'ACIDE ADIPIQUE, D'ACIDE HYDROXYHEXANOIQUE ET D'OLIGOMERES DE CES DERNIERS
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **CHU, Luis, A.**; 750 Christopher Drive, Forsyth, IL 62535 (US). **FODOR, Ludovic**; 6895 Vegal Lane, Beaumont, TX 77708 (US). **VALDEZ, David, L.**; 306 Charleston Drive, Victoria, TX 77904 (US).
- (74) **DEITCH, Gerald, E.**; E.I. Du Pont De Nemours and Company, Legal Patent Records Center, 4417 Lancaster Pike, Wilmington, DE 19805 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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)
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- (51)⁷ C07C 51/43, 51/47, 63/26
- (11) **WO 2004/043893** (13) A1
- (21) PCT/JP2003/014550
- (22) 14 Nov/nov 2003 (14.11.2003)
- (25) ja (26) ja
- (30) 2002-330753 14 Nov/nov 2002 JP (14.11.2002)
- (30) 2002-330754 14 Nov/nov 2002 JP (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PROCESS FOR PRODUCING TEREPHTHALIC ACID
- PROCEDE DE PRODUCTION D'ACIDE TEREPHTALIQUE
- (71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 33-8, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP). **TOMOE ENGINEERING CO., LTD.** [JP/JP]; 9-2, Nipponbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NUMATA, Motoki** [JP/JP]; c/o Mitsubishi Chemical Corporation, 1-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyusyu-shi, Fukuoka 806-0004 (JP). **ISO-GAI, Takayuki** [JP/JP]; c/o Mitsubishi Chemical Corporation, 1-1, Kurosaki-Shiroishi, Yahatanishi-ku, Kitakyusyu-shi, Fukuoka 806-0004 (JP). **OGATA, Tomohiko** [JP/JP]; c/o Mitsubishi Chemical Corporation, 3-580, Okaga, Matsuyama-shi, Ehime 791-8057 (JP).
- (74) **KAMADA, Bunji et al.** / etc.; 18-12, Nipponbashi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0073 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 67/03, C11C 3/02, 3/06, C07C 69/52, 69/587, C12P 7/64
- (11) **WO 2004/043894** (13) A1
- (21) PCT/NO2003/000364
- (22) 31 Oct/oct 2003 (31.10.2003)
- (25) en (26) en
- (30) 20025456 14 Nov/nov 2002 NO (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • LIPASE-CATALYSED ESTERIFICATION OF MARINE OIL
- ESTERIFICATION DE PETROLE MARIN CATALYSEE PAR DES LIPASES
- (71) **PRONOVA BIOCARE AS** [NO/NO]; Lysaker Torg 8, N-1327 Lysaker (NO).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARALDSSON, Gudmundur, G.** [NO/NO]; Klyfjaset 14, IS-109 Reykjavik (NO). **HALLDORSSON, Arnar** [NO/NO]; Fornhagi 13, IS-107 Reykjavik (NO). **THORSTAD, Olav** [NO/NO]; Solviveien 11, N-3940 Porsgrunn (NO).
- (74) **LILLEGRAVEN, Rita**; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07C 67/27, 69/738, 49/707, 49/723, 49/753, C11B 9/00, C07C 67/34
- (11) WO 2004/043895 (13) A1
- (21) PCT/IB2003/004886
- (22) 30 Oct/oct 2003 (30.10.2003)
- (25) en (26) en
- (30) PCT/IB02/04747 11 Nov/nov 2002 IB (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A PROCESS FOR THE PREPARATION OF ALKYLIDENECYCLOPENTANONE DERIVATIVES
- PROCÉDÉ DE PRÉPARATION DE DÉRIVÉS D'ALKYLIDÈNECYCLOPENTANONE
- (71) FIRMENICH SA [CH/CH]; P. O. Box 239, 1, route des Jeunes, CH-1211 GENEVA 8 (CH).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAPUIS, Christian [CH/CH]; 5, Vy de Montorge, CH-1295 MIES (CH).
- (74) SALVATERRA-GARCIA, Maria de Lurdes; FIRMENICH SA, 1, route des Jeunes, P. O. Box 239, CH-1211 GENEVA 8 (CH).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ C07C 69/533, A01N 37/06
- (11) WO 2004/043896 (13) A1
- (21) PCT/JP2003/014303
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) ja (26) ja
- (30) 2002-328482 12 Nov/nov 2002 JP (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • NOVEL ESTER COMPOUND AND USE THEREOF
- NOUVEAU COMPOSÉ ESTER ET UTILISATION DE CE DERNIER
- (71) INCORPORATED ADMINISTRATIVE AGENCY, NATIONAL AGRICULTURE AND BIO-ORIENTED RESEARCH ORGANIZATION [JP/JP]; 1-1, Kannondai 3-chome, Tsukuba-shi, Ibaraki 305-8517 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ARAI, Tomonori [JP/JP]; Kuriyagawajutaku 5-304, 4, Aza Akahira, Shimokuriyagawa, Morioka-shi, Iwate 020-0123 (JP).

- (74) HIRAKI, Yusuke et al. / etc.; Toranomom No.5 Mori Building Third Floor, 17-1, Toranomom 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) IL US.
-
- (51)⁷ C07C 201/02, 203/04
- (11) WO 2004/043897 (13) A1
- (21) PCT/EP2003/012375
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) MI2002A002409 14 Nov/nov 2002 IT (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A PROCESS FOR THE PURIFICATION OF 1,4-BUTANEDIOL MONONITRATE
- PROCEDE DE PURIFICATION DE MONONITRATE DE 1,4-BUTANEDIOL
- (71) DINAMITE DIPHARMA S.P.A. IN AB-BREVIATED FORM [IT/IT]; Dipharma S.p.A., Via XXV Maggio, 40, I-33036 Mereto di Tomba (IT).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SCUBLA, Tiziano [IT/IT]; Via Bonnanni, 32, I-33037 Pasian di Prato (IT). FRANCESCUTTI, Nevio [IT/IT]; Via Caravaggio, 21, I-33070 San Giovanni di Casarsa (IT). GORASSINI, Fausto [IT/IT]; Via Cordero, 30, I-33100 Udine (IT). CASTALDI, Graziano [IT/IT]; Via Livia Gallina, 5, I-28072 Briona (IT).
- (74) MINOJA, Fabrizio et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C07C 201/02, 203/04, C01B 21/46
- (11) WO 2004/043898 (13) A1
- (21) PCT/EP2003/012376
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) MI2002A 002410 14 Nov/nov 2002 IT (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A PROCESS FOR THE MONONITRATION OF ALKANEDIOLS
- PROCEDE POUR LA MONONITRATION D'ALKANEDIOLS
- (71) DINAMITE DIPHARMA S.P.A. (In Abbreviated form DIPHARMA S.P.A.) [IT/IT]; Via XXV Maggio, 40, I-33036 Mereto di Tomba (IT).

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- (72, 75) FRANCESCUTTI, Nevio [IT/IT]; Via Caravaggio, 21, I-33070 San Giovanni di Casarsa (IT). SCUBLA, Tiziano [IT/IT]; Via Bonnanni, 32, I-33037 Pasian di Prato (IT). GORASSINI, Fausto [IT/IT]; Via Cordero, 30, I-33100 Udine (IT). CASTALDI, Graziano [IT/IT]; Via Livia Gallina, 5, I-28072 Briona (IT).
- (74) MINOJA, Fabrizio et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ C07C 211/36, A61K 31/132
- (11) WO 2004/043899 (13) A1
- (21) PCT/EP2003/012313
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) de (26) de
- (30) 102 52 665.6 11 Nov/nov 2002 DE (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • 4-AMINOMETHYL-1-ARYL-CYCLO-HEXYLAMINE DERIVATIVES
- DERIVES DE 4-AMINOMETHYL-1-ARYL-CYCLOHEXYLAMINE
- (71) GRÜENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SUNDERMANN, Bernd [DE/DE]; Oppenhoffallee 83 - 85, 52066 Aachen (DE). SCHICK, Hans [DE/DE]; Prenzlauer Allee 32, 10405 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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).
- Published / Publiée : (c)
-
- (51)⁷ C07C 211/40, C07D 209/14, A61K 31/135, A61P 25/00
- (11) WO 2004/043900 (13) A2
- (21) PCT/EP2003/012314

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) 102 52 874.8 12 Nov/nov 2002 DE
(12.11.2002)(30) 102 53 322.9 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 4-ALKYL/4-ALKENYL/4-ALKYNYL
METHYL-1-ARYLCYCLOHEXY-
LAMINE DERIVATIVES

• DERIVES DE 4-ALKYL-/4-ALCE-
NYL-/4-ALCYNILMETHYL-1-ARYL-
CYCLOHEXYLAMINE

(71) GRÜNENTHAL GMBH [DE/DE]; Ziegler-
strasse 6, 52078 Aachen (DE).(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SUNDERMANN, Bernd [DE/DE];
Oppenhoffallee 83-85, 52066 Aachen (DE).
SCHICK, Hans [DE/DE]; Prenzlauer Allee
32, 10405 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 211/54

(11) WO 2004/043901 (13) A1

(21) PCT/JP2003/014137

(22) 6 Nov/nov 2003 (06.11.2003)

(25) ja (26) ja

(30) 2002-330533 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PEROPYRENE COMPOUND, OR-
GANIC EL ELEMENT, AND ORGANIC
EL DISPLAY

• COMPOSE A BASE DE PEROPYRENE,
ELEMENT EL ORGANIQUE ET AFFI-
CHEUR A EL 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
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4-chome, Nakahara-ku, Kawasaki-shi, Kana-
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c/o FUJITSU LIMITED, 1-1, Kamikodanaka
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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 FUJITSU
LIMITED, 1-1, Kamikodanaka 4-chome,
Nakahara-ku, Kawasaki-shi, Kanagawa
211-8588 (JP). SAWATARI, Norio [JP/JP];

c/o FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP). NARUSAWA, Toshiaki
[JP/JP]; 16-1, Wakamatsu 5-chome, Sagami-
hara-shi, Kanagawa 229-0014 (JP).

(74) HIROTA, Koichi; HIROTA, NAGARE
& ASSOCIATES, 8th Floor, Miyata Bldg.,
1-38-2, Yoyogi, Shibuya-ku, Tokyo 151-0053
(JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C07C 217/52, 213/06, 221/00

(11) WO 2004/043902 (13) A1

(21) PCT/EP2003/012312

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) 102 52 872.1 12 Nov/nov 2002 DE
(12.11.2002)(30) 102 53 323.7 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 4-HYDROXYMETHYL-1-ARYL-CY-
CLOHEXYLAMINE DERIVATIVES

• DERIVES DE 4-HYDROXYME-
THYL-1-ARYL-CYCLOHEXYLAMINE

(71) GRÜNENTHAL GMBH [DE/DE]; Ziegler-
strasse 6, 52078 Aachen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SUNDERMANN, Bernd [DE/DE];
Oppenhoffallee 83-85, 52066 Aachen (DE).
SCHICK, Hans [DE/DE]; Prenzlauer Allee
32, 10405 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU SC SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 217/62, 217/64, 323/32, C07D
275/04, 307/86, 333/54, 333/56, A61K
31/381, 31/137, 31/343, 31/425, A61P 25/06,
25/18, 25/24

(11) WO 2004/043903 (13) A1

(21) PCT/US2003/031513

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 60/424,176 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 3-ARYLOXY/ THIO-2, 3-SUBSTI-
TUTED PROPANAMINES AND THEIR
USE IN INHIBITING SEROTONIN AND
NOREPINEPHRINE REUPTAKE

• 3-ARYLOXY/THIO-2, 3-SUBSTITUTED
PROPANAMINES ET LEUR UTILISA-
TION POUR INHIBER LE RECAPTAGE
DE LA SEROTONINE ET DE LA NO-
REPINEPHRINE

(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) BOULET, Serge, Louis [CA/US];
10813 Windmere Boulevard, Fishers, IN
46038 (US). FILLA, Sandra, Ann [US/US];
1542 Arborwoods Drive, Brownsburg, IN
46112 (US). GALLAGHER, Peter, Thad-
deus [GB/GB]; Eli Lilly and Company
Limited, Kingsclere Road, Basingstoke,
Hampshire RG21 2XA (GB). HUDZIAK,
Kevin, John [US/US]; 5944 Magnificent
Lane, Indianapolis, IN 46234 (US). JO-
HANSSON, Anette, Margareta [SE/US];
6350 Brokenhurst Road, Indianapolis, IN
46220 (US). KARANJAWALA, Rushad,
E. [US/US]; 9732 Autumn Way, Zionsville,
IN 46077 (US). MASTERS, John, Joseph
[US/US]; 12047 Flint Stone Court, Fish-
ers, IN 46038 (US). MATASSA, Victor
[GB/DE]; Graffinity Pharmaceuticals, Im
Neuenheimer Feld 519, 69120 Heidelberg
(DE). MATHES, Brian, Michael [US/US];
5335 Cotton Bay Drive West, Indianapolis,
IN 46254 (US). RATHMELL, Richard,
Edmund [GB/GB]; Eli Lilly and Company
Limited, Kingsclere Road, Basingstoke,
Hampshire RG21 2XA (GB). WHATTON,
Maria, Ann [GB/GB]; Eli Lilly and Com-
pany Limited, Kingsclere Road, Basingstoke,
Hampshire RG21 2XA (GB). WOLFE,
Chad, Nolan [US/US]; 16096 Tenor Way,
Noblesville, IN 46060 (US).

(74) WELCH, Lawrence, T. et al. / etc.; Eli Lilly
and Company, P.O. Box 6288, Indianapolis,
IN 46206-6288 (US).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE EG ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NI NO NZ
OM PG PH PL PT RO RU SC SD SE SG SK
(Utility model / modèle d'utilité) SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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 EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT RO RU
SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA
UG UZ VC VN YU ZA ZM ZW AP (GH GM KE

LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
 (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07C 217/64, C07D 333/56, A61P 25/24, 25/18, 25/06, A61K 31/381, 31/137

(11) WO 2004/043904 (13) A1

(21) PCT/US2003/031514

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 60/424,117 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 3-ARYLOXY/THIO-3-SUBSTITUTED PROPANAMINES AND THEIR USE IN INHIBITING SEROTONIN AND NOREPHINEPHRINE REUPTAKE

• COMPOSES PHARMACEUTIQUES

(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) BOULET, Serge, Louis [CA/US]; 10813 Windemere Boulevard, Fishers, IN 46038 (US). FILLA, Sandra, Ann [US/US]; 1542 Arborwoods Drive, Brownsburg, IN 46112 (US). GALLAGHER, Peter, Thaddeus [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke, Hampshire RG21 2XA (GB). HUDZIAK, Kevin, John [US/US]; 5944 Magnificent Lane, Indianapolis, IN 46234 (US). JOHANSSON, Anette, Margareta [SE/US]; 6350 Brokenhurst Road, Indianapolis, IN 46220 (US). KARANJAWALA, Rushad, E. [US/US]; 9732 Autumn Way, Zionsville, IN 46077 (US). MASTERS, John, Joseph [US/US]; 12047 Flint Stone Court, Fishers, IN 46038 (US). MATASSA, Victor [GB/DE]; Graffinity Pharmaceuticals, Im Neuenheimer Feld 519, 69120 Heidelberg (DE). MATHES, Brian, Michael [US/US]; 5335 Cotton Bay Drive West, Indianapolis, IN 46254 (US). RATHMELL, Richard, Edmund [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke, Hampshire RG21 2XA (GB). WHATTON, Maria, Ann [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke, Hampshire RG21 2XA (GB). WOLFE, Chad, Nolan [US/US]; 16096 Tenor Way, Noblesville, IN 46060 (US).

(74) WELCH, Lawrence, T. et al. / etc.; Eli Lilly and Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ

CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
 (t) for the following designations / pour les désignations suivantes : AE AG 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)
 (u) for / pour US only / seulement

(51)⁷ C07C 227/08, 229/28, 269/04, 271/22

(11) WO 2004/043905 (13) A1

(21) PCT/JP2003/014199

(22) 7 Nov/nov 2003 (07.11.2003)

(25) ja (26) ja

(30) 2002-324650 8 Nov/nov 2002 JP (08.11.2002)

(30) 2002-324651 8 Nov/nov 2002 JP (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR PRODUCING 2-AMINO-3-HYDROXYPROPANOIC ACID DERIVATIVE

• PROCEDE SERVANT A PREPARER UN DERIVE D'ACIDE 2-AMINO-3-HYDROXYPROPANOIQUE

(71) ONO PHARMACEUTICAL CO., LTD. [JP/JP]; 1-5, Doshomachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-8526 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOUSAKA, Hiroyuki [JP/JP]; 8-2-305, Sakaemachi, Onoda-shi, Yamaguchi 756-0802 (JP). MUSASHI, Hideki [JP/JP]; 6-18-17-302, Yatsu, Narashino-shi, Chiba 275-0026 (JP). SUZUKI, Kenji [JP/JP]; 5-28-2, Yatsu, Narashino-shi, Chiba 275-0026 (JP). KOZAWA, Masami [JP/JP]; Annex-Aoi B, 5-19-5, Shintakane, Funabashi-shi, Chiba 274-0814 (JP). SEKI, Kenichi [JP/JP]; 1-5-17-202, Narashino, Funabashi-shi, Chiba 274-0071 (JP).

(74) OHIE, Kunihisa; Ohie Patent Office, Horiguchi No.2 Bldg. 7F, 2-6, Nihonbashi-Ningyocho, 2-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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 C07C 231/00, A61K 7/16

(11) WO 2004/043906 (13) A2

(21) PCT/EP2003/012686

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 102 53 331.8 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF TRANS-PELLITORIN IN THE FORM OF AN AROMATIC SUBSTANCE

• UTILISATION DE TRANS-PELLITORINE COMME SUBSTANCE AROMATIQUE

(71) SYMRISE GMBH & CO. KG [DE/DE]; Mühlenfeldstr. 1, 37603 Holzminden (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GATFIELD, Ian, Lucas [GB/DE]; Ulmenweg 23, 37671 Hörter (DE). LEY, Jakob, Peter [DE/DE]; Schubertstr. 5A, 37603 Holzminden (DE). KRAMMER, Gerhard [DE/DE]; Wagnerstr. 4, 37603 Holzminden (DE). BERTRAM, Heinz-Jürgen [DE/DE]; Ernst-August-Str. 14, 37603 Holzminden (DE). LÖNNEKER, Ilse [DE/DE]; Breslauer Str. 33, 37639 Bevern (DE). MACHINEK, Arnold [DE/DE]; Elsa-Brandström-Weg 17, 37603 Holzminden (DE).

(74) STILKENBÖHMER, Uwe; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 233/18, 233/36, 233/60, C07D 207/27, A61K 31/16, 31/40, A61P 25/00, 3/00
- (11) WO 2004/043907 (13) A1
- (21) PCT/FR2003/003278
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) fr (26) fr
- (30) 02/13917 7 Nov/nov 2002 FR (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • NOVEL PHENYLNAPHTHALENE DERIVATIVES, METHOD FOR PRODUCTION THEREOF AND PHARMACEUTICAL COMPOSITIONS COMPRISING THE SAME
- NOUVEAUX DERIVES DU PHENYLNAPHTHALENE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT
- (71) LES LABORATOIRES SERVIER [FR/FR]; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) POISSONNIER-DURIEUX, Sophie [FR/FR]; 4, rue de Saint Gratien, F-80260 Rainneville (FR). YOUS, Said [MA/FR]; Résidence Marthe Alexandre, Appt. 12, 10, rue Lamartine, F-59120 Loos (FR). LESIEUR, Daniel [FR/FR]; 20, rue de Verdun, F-59147 Gondecourt (FR). BENEJEAN, Caroline [FR/FR]; 139, rue de Paris, F-94220 Charenton Le Pont (FR). DELAGRANGE, Philippe [FR/FR]; 24, boulevard des Frères Voisins, F-92130 Issy les Moulineaux (FR). RENARD, Pierre [FR/FR]; 3, avenue du Parc, F-78150 Le Chesnay (FR).
- (74) LES LABORATOIRES SERVIER; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07C 275/26, C07D 209/14, 209/18, C07C 335/14, A61K 31/165, 31/17, 31/405, A61P 25/04
- (11) WO 2004/043909 (13) A1
- (21) PCT/EP2003/012304
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) de (26) de
- (30) 102 52 650.8 11 Nov/nov 2002 DE (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CYCLOHEXYLUREA DERIVATIVES
- DERIVES DE CYCLOHEXYLUREE
- (71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HINZE, Claudia [DE/DE]; Viktoriallee 10, 52066 Aachen (DE). SCHICK, Hans [DE/DE]; Prenzlauer Allee 32, 10405 Berlin (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM

Published / Publiée : (c)

(51)⁷ C07C 251/24, C07B 55/00

(11) WO 2004/043908 (13) A1

(21) PCT/IB2003/004953

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/425,946 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR CONVERTING A CIS-TRANS MIXTURE OF SUBSTITUTED BENZYLIDENE AMINES INTO THE PURE CIS ISOMER

• PROCEDE DE CONVERSION D'UN MELANGE CIS-TRANS D'AMINES DE BENZYLIDENE SUBSTITUEES EN L'ISOMERE CIS PUR

(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) HUMPHREY, John, Michael [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). TOM, Norma, Jacqueline [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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 C07C 275/26, C07D 209/14, 209/18, C07C 335/14, A61K 31/165, 31/17, 31/405, A61P 25/04

(11) WO 2004/043909 (13) A1

(21) PCT/EP2003/012304

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) 102 52 650.8 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CYCLOHEXYLUREA DERIVATIVES

• DERIVES DE CYCLOHEXYLUREE

(71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HINZE, Claudia [DE/DE]; Viktoriallee 10, 52066 Aachen (DE). SCHICK, Hans [DE/DE]; Prenzlauer Allee 32, 10405 Berlin (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM

DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 333/00

(11) WO 2004/043910 (13) A2

(21) PCT/US2003/036463

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,092 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TUNGSTEN DITHIOCARBAMATE COMPOSITIONS AND LUBRICATING COMPOSITIONS CONTAINING THE SAME

• COMPOSITIONS A BASE DE DITHIOCARBAMATE DE TUNGSTENE ET COMPOSITIONS LUBRIFIANTES LES CONTENANT

(71) CASTROL LIMITED [GB/GB]; Wakefield House, Pipers Way, Swindon, Wiltshire SN3 1RE (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HSU, Shih-Ying [US/US]; 301 Sunrise Court, Chalfont, PA 18914 (US). KRINKER, Randall [US/US]; 15190 Fawn Drive, Somonauk, IL 60552 (US). FACI, Hocine [US/US]; 1611 Richter Road, Batavia, IL 60510 (US). ANSONG, Omari [US/US]; 210 West Cheltenham Avenue #D-9, Philadelphia, PA 19126 (US). PASTORE, William, M. [US/US]; 1274 Appalachian Road, Maple Glen, PA 19002 (US).

(74) HALL, Jennifer, M.; BP America Inc., BP Legal, 4101 Winfield Road, Mail Code 5 East, Warrenville, IL 60555 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07D

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(21) PCT/US2003/034564

(22) 31 Oct/oct 2003 (31.10.2003)

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(30) 60/426,224 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • N-CYCLOALKYLGLYCINES AS HIV
PROTEASE INHIBITORS

• N-CYCLOALKYLGLYCINES UTILISES
COMME INHIBITEURS DE
PROTEASE DE VIH

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P. O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

(72) CARINI, David, J.; 23 Huntington Ridge Road, Wallingford, CT 06492 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07D

(11) WO 2004/043912 (13) A2

(21) PCT/US2003/035220

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/289,010 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS FOR THE PREPARATION OF PYRROLOTRIAZINE COMPOUNDS USEFUL AS KINASE INHIBITORS

• PROCEDES POUR LA PREPARATION DE COMPOSES DE PYRROLOTRIAZINE UTILISES EN TANT QU'INHIBITEURS DE KINASES

(71) BRISTOL-MYERS SQUIBB COMPANY [US/US]; P.O. Box 4000, Route 206 and Provinceline Road, Princeton, NJ 08543-4000 (US).

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(72, 75) GODFREY, Jollie, Duaine, Jr. [US/US]; 16 Wickford Avenue, Ewing, NJ 08618-1821 (US). HYNES, John, Jr. [US/US]; 95 Dispatch Drive, Washington Crossing, PA 18977 (US). DYCKMAN, Alaric, J. [US/US]; 7 Dorothea Terrace, Lawrenceville, NJ 08648 (US). LEFTHERIS, Katerina [US/US]; 92 Richmond Drive, Skillman, NJ 08558 (US). SHI, Zhongping [US/US]; 20 N. Wilson Way, West Windsor, NJ 08550 (US). WROBLESKI, Stephen, T. [US/US]; 1507 South Branch Drive, Whitehouse Station, NJ 08889

(US). DOUBLEDAY, Wendel, William [US/US]; 4355 Angus Circle, Doylestown, PA 18901 (US). GROSSO, John, A. [US/US]; 22 Newport Drive, Princeton Junction, NJ 08550 (US).

(74) BAXAM, Deanna et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(51)⁷ C07D

(11) WO 2004/043913 (13) A2

(21) PCT/US2003/035542

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,940 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HETERO-SUBSTITUTED BENZIMIDAZOLE COMPOUNDS AND ANTIVIRAL USES THEREOF

• COMPOSES DE BENZIMIDAZOLE A SUBSTITUTION HETERO ET UTILISATIONS ANTIVIRALES DE CES COMPOSES

(71) TRIMERIS, INC. [US/US]; 3518 Westgate Drive, 3rd Floor, Durham, NC 27707 (US).

(72) LACKEY, John, William; 3220 Wood Duck Lane, Hillsborough, NC 27278 (US).

(74) CORUZZI, Laura, A. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07D 201/16, 201/08

(11) WO 2004/043914 (13) A1

(21) PCT/EP2003/012556

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 53 095.5 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR PURIFYING CAPROLACTAM

• PROCEDE D'EPURATION DE CAPROLACTAME

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

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(72, 75) FISCHER, Rolf-Hartmuth [DE/DE]; Bergstr.98, 69121 Heidelberg (DE). LUYKEN, Hermann [DE/DE]; Brüsseler Ring 34, 67069 Ludwigshafen (DE). ANSMANN, Andreas [DE/DE]; Haselweg 1, 69168 Wiesloch (DE). BAßLER, Peter [DE/DE]; Maria-Mandel-Str.18, 68519 Viernheim (DE). BENISCH, Christoph [DE/DE]; Windmühlstr. 21, 68165 Mannheim (DE). MAIXNER, Stefan [DE/DE]; Königsacker 53, 68723 Schwetzingen (DE). MELDER, Johann-Peter [DE/DE]; Fichtenstrasse 2, 67459 Böhl-Iggelheim (DE).

(74) BASF AKTIENGESELLSCHAFT; 67056 LUDWIGSHAFEN (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07D 201/16, 201/08

(11) WO 2004/043915 (13) A1

(21) PCT/EP2003/012558

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 53 094.7 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR PURIFYING CAPROLACTAM

• PROCEDE DE NETTOYAGE DE CAPROLACTAME

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
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(72, 75) **LUYKEN, Hermann** [DE/DE]; Brüsseler Ring 34, 67069 Ludwigshafen (DE). **ANSMANN, Andreas** [DE/DE]; Haselweg 1, 69168 Wiesloch (DE). **BENISCH, Christoph** [DE/DE]; Windmühlstr. 21, 68165 Mannheim (DE). **BASSLER, Peter** [DE/DE]; Maria-Mandel-Str.18, 68519 Viernheim (DE). **FISCHER, Rolf-Hartmuth** [DE/DE]; Bergstr.98, 69121 Heidelberg (DE). **MAIXNER, Stefan** [DE/DE]; Königsacker 53, 68723 Schwetzingen (DE). **MELDER, Johann-Peter** [DE/DE]; Fichtenstrasse 2, 67459 Böhl-Iggelheim (DE).

(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 207/00, A61K 31/40

(11) **WO 2004/043916** (13) A1

(21) PCT/US2003/035316

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,555 12 Nov/nov 2002 US (12.11.2002)

(30) 60/425,560 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PHENYL CARBOXAMIDE BETA-SECRETASE INHIBITORS FOR THE TREATMENT OF ALZHEIMER'S DISEASE**

• **INHIBITEURS DE BETA-SECRETASE PHENYL CARBOXAMIDE UTILISES DANS LE TRAITEMENT DE LA MALADIE D'ALZHEIMER**

(71) **MERCK & CO., INC.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

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(72, 75) **COBURN, Craig A.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **STACHEL, Shawn, J.** [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). **VACCA, Joseph, P.** [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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 207/00, 401/00, A61K 31/40, 31/44

(11) **WO 2004/043917** (13) A1

(21) PCT/US2003/035351

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,149 6 Nov/nov 2002 US (06.11.2002)

(30) 60/424,162 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **SULFONAMIDES**

• **SULFONAMIDES**

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19101 (US).

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(72, 75) **BARTON, Linda, S.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **DODSON, Jason, W.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **GAITANOPOULOS, Dimitri, E.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **GIRARD, Gerald, R.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **KING, Bryan, W.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **MCATEE, John, Jeffrey** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). **NEEB, Michael, J.** [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) **HALL, Linda, E.**; 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).

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(51)⁷ C07D 207/34, A61K 31/40, A61P 3/06

(11) **WO 2004/043918** (13) A2

(21) PCT/US2003/036428

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en

(26) en

(30) 60/425,325 12 Nov/nov 2002 US (12.11.2002)

(30) 10/370,897 19 Feb/fév 2003 US (19.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **NOVEL CRYSTAL FORMS OF ATORVASTATIN HEMI-CALCIUM AND PROCESSES FOR THEIR PREPARATION AS WELL AS NOVEL PROCESSES FOR PREPARING OTHER FORMS**

• **NOUVELLES FORMES CRISTALLINES D'ATORVASTATINE HEMI-CALCIUM ET LEURS PROCÉDES DE PREPARATION AINSI QUE DE NOUVEAUX PROCÉDES DE PREPARATION D'AUTRES FORMES**

(71) **TEVA PHARMACEUTICAL INDUSTRIES LTD.** [IL/IL]; Basel Street 5, P.O. Box 1390, 49131 Petal Tiqva (IL).

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(71) **TEVA PHARMACEUTICALS USA, INC.** [US/US]; 1090 Horsham Road, P.O. Box 1090, North Wales, PA 19454-1090 (US).

(only for / seulement pour BB)

(72, 75) **TESSLER, Limor** [IL/IL]; 61/11 Petach-Tikva Str., 42380 Natanya (IL). **ARONHIME, Judith** [IL/IL]; Rehov Harav Maor, Iosef 5a, Rehovot 76217 (IL). **LIFSHITZ-LIRON, Revital** [IL/IL]; 12A Kibbush H'aavoda St., Apt. #8, Herzlia 46322 (IL). **MAIDAN-HANOCH, Dalia** [IL/IL]; Sigalon Str. 50, P.O. Box 2556, Kfar Yona (IL). **HASSON, Nir** [IL/IL]; Grar 13, P.O. Box 311, Meitar 85025 (IL).

(74) **BRAINARD, Charles**; Kenyon & Kenyon, One Broadway, New York, NY 10004-1050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 209/48

(11) **WO 2004/043919** (13) A1

(21) PCT/IN2003/000275

(22) 21 Aug/août 2003 (21.08.2003)

(25) en (26) en

(30) 829 / MAS / 2002 11 Nov/nov 2002 IN (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **A PROCESS FOR THE PREPARATION OF 3-AND 4-AMINOPHTHALIMIDE.**

• **PROCEDE DE PREPARATION DE 3-ET 4-AMINOPHTHALIMIDE**

(71) **NATCO PHARMA LIMITED** [IN/IN]; Regd office: 'NATCO HOUSE', Road No.2,

Banjara Hills, 500 033 Hyderabad, Andhra Pradesh (IN).

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(71, 72) **VENKAIAH CHOWDARY, Nannapaneni** [IN/IN]; Natco Pharma Limited, Natco House, Road No.2, Banjara Hills, 500 033 Hyderabad, Andhra Pradesh (IN).

(72, 75) **PULLA REDDY, Muddasani** [IN/IN]; NATCO PHARMA LIMITED, NATCO HOUSE, ROAD NO.2, BANJARA HILLS, 500033 HYDERABAD, ANDHRA PRADESH (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/424,982 8 Nov/nov 2002 US (08.11.2002)

(30) 10/702,397 5 Nov/nov 2003 US (05.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POLYMORPHS OF BICIFADINE HYDROCHLORIDE
• POLYMORPHES DU CHLORHYDRATE DE BICIFADINE

(71) **DOV PHARMACEUTICALS, INC.** [US/US]; 433 Hackensack Avenue, Hackensack, NJ 07601 (US).

(72) **RUSSELL, Brenton, William**; 2018 Windflower Place, West Lafayette, IN 47906 (US). **SHIPPLETT, Rex, Alwyn**; 202 East Fox Street, Wolcott, IN 47995 (US). **HOLLORAN, Kevin, John**; 534 New Brunswick Road, Somerset, NJ 08873 (US).

(74) **EPSTEIN, William, H.** et al. / etc.; Gibbons, Del Deo, Dolan, Griffinger & Vecchione, One Riverfront Plaza, Newark, NJ 07102 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(21) PCT/IN2003/000356

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 830/MAS/2002 11 Nov/nov 2002 IN (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL PROCESS FOR THE PREPARATION OF 4-ARYL-3-HYDROXYMETHYL-1-METHYLPYPERIDINES.
• NOUVEAU PROCÉDE DE PRÉPARATION DE 4-ARYL-3-HYDROXYMETHYL-1-METHYLPYPERIDINES

(71) **NATCO PHARMA LIMITED** [IN/IN]; Regd office: "NATCO HOUSE", Road No.2, Banjara Hills, 500 033 Hyderabad, Andhra Pradesh (IN).

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(71, 72) **PULLA REDDY, Muddasani** [IN/IN]; NATCO PHARMA LIMITED, NATCO HOUSE, Road No.2, Banjara Hills, 500 033 Hyderabad (IN). **VENKAIAH CHOWDARY, Nannapaneni** [IN/IN]; Natco Pharma Limited, Natco House, Road No.2, Banjara Hills, 500 033 Hyderabad, Andhra Pradesh (IN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 211/22, C07C 43/178, 33/26, 69/732

(11) WO 2004/043922 (13) A1

(21) PCT/SK2003/000021

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) PP 1623-2002 13 Nov/nov 2002 SK (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF PREPARATION OF TERFENADINE AND ITS DERIVATIVES
• PROCÉDE DE PRÉPARATION DE TERFENADINE ET DE SES DERIVÉS

(71) **ZENTIVA, A.S.** [SK/SK]; Nitrianska 100, 920 27 Hlohovec (SK).
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(72, 75) **VEVERKA, Miroslav** [SK/SK]; Jana Smreka 26, 841 09 Bratislava (SK). **BOHÁČ,**

Andrej [SK/SK]; Mamateyova 26, 851 04 Bratislava (SK). **KRIZ, Miroslav** [SK/SK]; Fedinova 6, 851 01 Bratislava (SK). **VARGA, Ivan** [SK/SK]; Veterná 12, 920 01 Hlohovec (SK).

(74) **NEUSCHL, Jozef**; Rott, Ruzicka & Guttman, Patentová, známková a právna kancelária, v.o.s., Pionierska 15, 831 02 Bratislava (SK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07D 211/58, 471/04 // (C07D 471/04, 239:00, 221:00)

(11) WO 2004/043923 (13) A1

(21) PCT/EP2003/012504

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,727 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR MAKING RISPERIDONE AND INTERMEDIATES THEREFOR

• PROCÉDE DE FABRICATION DE LA RISPERIDONE ET DES INTERMÉDIAIRES ASSOCIÉS

(71) **SYNTHON B.V.** [NL/NL]; Microweg 22, NL-6545 CM Nijmegen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLANINA, Pavel** [CZ/CZ]; 664 31 Lelekovice 458 (CZ). **BARTL, Jiri** [CZ/CZ]; Komenského 697/11, 664 47 Střelice (CZ).

(74) **PRINS, Hendrik, Willem**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 211/86, 239/22, A61K 31/4412, 31/505, A61P 29/00

(11) WO 2004/043924 (13) A1

(21) PCT/SE2003/001739

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0203348-8 12 Nov/nov 2002 SE (12.11.2002)

(30) 0300388-6 12 Feb/fév 2003 SE (12.02.2003)

(30) 0302120-1 22 Jul/juil 2003 SE (22.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 2-PYRIDONE DERIVATIVES AS INHIBITORS OF NEUTROPHILE ELASTASE

• DERIVES DE 2-PYRIDONE EN TANT QU'INHIBITEURS DE L'ELASTASE DE NEUTROPHILE

(71) ASTRAZENECA AB [SE/SE]; S-151 85 Södertälje (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLADH, Håkan [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). KLINGSTEDT, Tomas [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). LARSSON, Joakim [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). LAWITZ, Karolina [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). LEPISTÖ, Matti [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). LÖNN, Hans [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE). NIKITIDIS, Grigorios [SE/SE]; AstraZeneca R & D Lund, S-221 87 Lund (SE).

(74) GLOBAL INTELLECTUAL PROPERTY; AstraZeneca AB, S-151 85 Södertälje (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

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(51)⁷ C07D 213/00

(11) WO 2004/043925 (13) A2

(21) PCT/US2003/035694

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,281 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 3-SUBSTITUTED-6-ARYL PYRIDINES
• 6-ARYL PYRIDINES SUBSTITUEES EN 3

(71) NEUROGEN CORPORATION [US/US]; 35 N.E. Industrial Road, Branford, CT 06405 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUTCHISON, Alan [US/US]; 29 Kimberly Lane, Madison, CT 06443 (US). YUAN, Jun [US/US]; 40 Spruce Hill Drive, Guilford, CT 06437 (US). LEE, Kyungae [KR/US]; 6 Finch Lane, Guilford, CT 06437 (US). MAYNARD, George [US/US]; 27 Glenwood Road, Clinton, CT 06413 (US). CHENARD, Bertrand, L. [US/US]; 7 Whaling Drive, Waterford, CT 06385 (US). LIU, Nian [—/US]; 21 Koster Blvd., Apt. 4B, Edison, NJ 08837 (US). GUO, Qin [US/US]; 4 Brushy Plains Road, Apt. 416, Branford, CT 06405 (US). GUO, Zihong [—/US]; 684 Kettletown Road, Southbury, CT 06488 (US). HRNCIAR, Peter [SK/US]; 3113 Town Walk Drive, Hamden, CT 06518 (US).

(74) ALEXANDER, John, B. et al. / etc.; Edwards & Angell, LLP, P.O. Box 9169, Boston, MA 02209 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 213/64, 213/74, 213/38, 239/42, 241/20, 261/14, 277/42, 401/12, 401/10, 403/12, 403/10, 401/04, 401/14, 405/10, A61K 31/415

(11) WO 2004/043926 (13) A1

(21) PCT/EP2003/011976

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 02025024.7 11 Nov/nov 2002 EP (11.11.2002)

(30) 03011397.1 20 May/mai 2003 EP (20.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHENYL OR HETEROARYL AMINO ALKANE DERIVATIVES AS IP RECEPTOR ANTAGONIST

• DERIVES DE PHENYL- OU HETEROARYLAMINO-ALCANES COMME ANTAGONISTES DU RECEPTEUR IP

(71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURATA, Toshiaki [JP/JP]; 1-3-501, Nakano-cho, Ikoma-shi, Nara 630-0267 (JP). UMEDA, Masaomi [JP/JP]; 2-840-156, Sahodai, Nara-shi, Nara 630-6105 (JP). YOSHIKAWA, Satoru [JP/JP]; 4-10-6-303, Shibatsuji-cho, Nara-shi, Nara 630-8114 (JP). URBHANS, Klaus [DE/JP]; 6-3-1-301, Kusugaoka-cho, Nada-ku, Kobe-shi, Hyogo 657-0024 (JP). GUPTA, Jang [IN/JP]; 5-15-803, Kouyo-cho, Naka, Higashinada-ku, Kobe-shi, Hyogo 658-0032 (JP). SAKURAI, Osamu [JP/JP]; 11-15, Koaza-Hiroshiki, Aza-Oyamazaki, Otokuni-gun, Kyoto 618-0071 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 213/69, 417/06, 401/06, 405/12, 491/10, 401/14, 401/12, A61K 31/4427, 31/4412, A61P 31/00

(11) WO 2004/043927 (13) A1

(21) PCT/US2003/035622

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,070 9 Nov/nov 2002 US (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • N-ALKYL-4-METHYLENEAMINO-3-HYDROXY-2-PYRIDONES AS ANTIMICROBIALS

• UTILISATION DE N-ALKYL-4-METHYLENEAMINO-3-HYDROXY-2-PYRIDONES EN TANT QU'AGENTS ANTIMICROBIENS

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **WARSHAKOON, Namal, Chithranga**; 5744 Running Fox Lane, Mason, OH 45040 (US). **BUSH, Rodney, Dean**; 4080 Old Manchester Court, Mason, OH 45040 (US).

(74) **REED, T., David et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C07D 213/89, 417/06, 401/06, 401/12, A61K 31/4427, 31/4412, A61P 31/04**

(11) **WO 2004/043928** (13) A2

(21) PCT/US2003/035623

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,071 **9 Nov/nov 2002 (09.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **N-SULFONYL-4-METHYLENE-NEAMINO-3-HYDROXY-2-PYRIDONES**

• **N-SULFONYL-4-METHYLENE-AMINO-3-HYDROXY-2-PYRIDONES**

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **WARSHAKOON, Namal, Chithranga**; 5744 Running Fox Lane, Mason, OH 45040 (US).

(74) **REED, David, T. et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **C07D 215/12**

(11) **WO 2004/043929** (13) A1

(21) PCT/IB2003/004903

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 60/425,518 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **QUINOLINE DERIVATIVES**

• **DERIVES QUINOLINIQUES**

(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) **WLODECKI, Bishop** [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). **BRIGHT, Gene, Michael** [US/US]; 329 Tyler Avenue, Groton, CT 06340 (US).

(74) **LUMB, J., Trevor et al.** / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **C07D 215/18, A61K 31/47, A61P 43/00, C07D 401/10**

(11) **WO 2004/043930** (13) A1

(21) PCT/GB2003/004845

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) 0226462.0 **13 Nov/nov 2002 (13.11.2002)** GB

(43) 27 May/mai 2004 (27.05.2004)

(54) • **QUINOLINE DERIVATIVES WHICH ENHANCE COGNITION VIA THE GABA-A RECEPTOR**

• **DERIVES DE QUINOLINE AMELIORANT LA COGNITION PAR L'INTERMÉDIAIRE D'UN RECEPTEUR GAB-A**

(71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARLING, William, Robert** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **MOORE, Kevin, William** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **STREET, Leslie, Joseph** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

(74) **HORGAN, James, Michael, Fred**; European Patent Department, Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **C07D 217/02, 333/54, 277/62, 495/04, 275/04, 217/24, 417/04, A61K 31/472, A61P 25/00**

(11) **WO 2004/043931** (13) A1

(21) PCT/US2003/031512

(22) **24 Oct/oct 2003 (24.10.2003)**

(25) en (26) en

(30) 60/424,126 **5 Nov/nov 2002 (05.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PROPANAMINE DERIVATIVES AS SEROTONIN AND NOREPINEPHRINE REUPTAKE INHIBITORS**

• **DERIVES DE PROPANAMINE UTILISES EN TANT QU'INHIBITEURS DU RECAPTAGE DE LA SEROTONINE ET DE LA NOREPINEPHRINE**

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

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(72, 75) **BOULET, Serge, Louis** [CA/US]; 10813 Windemere Boulevard, Fishers, IN 46038 (US). **FILLA, Sandra, Ann** [US/US]; 1542 Arborwoods Drive, Brownsburg, IN 46112 (US). **GALLAGHER, Peter, Thaddeus** [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke, Hampshire RG21 2XA (GB). **HUDZIAK, Kevin, John** [US/US]; 5944 Magnificent Lane, Indianapolis, IN 46234 (US). **JOHANSSON, Anette, Margareta** [SE/US]; 6350 Brokenhurst Road, Indianapolis, IN 46220 (US). **KARANJAWALA, Rushad, E.** [US/US]; 9732 Autumn Way, Zionsville, IN 46077 (US). **MASTERS, John, Joseph** [US/US]; 12047 Flint Stone Court, Fishers, IN 46038 (US). **MATASSA, Victor** [GB/DE]; Graffinity Pharmaceuticals, Im Neuenheimer Feld 519, 69120 Heidelberg (DE). **MATHES, Brian, Michael** [US/US]; 5335 Cotton Bay Drive West, Indianapolis, IN 46254 (US). **RATHMELL, Richard,**

Edmund [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke, Hampshire RG21 2XA (GB). WHATTON, Maria, Ann [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke, Hampshire RG21 2XA (GB). WOLFE, Chad, Nolan [US/US]; 16096 Tenor Way, Noblesville, IN 46060 (US).

(74) WELCH, Lawrence, T. et al. / etc.; Eli Lilly and Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG 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)

(u) for / pour US only / seulement

(51)⁷ C07D 231/56, A61K 31/416, A61P 27/06

(11) WO 2004/043932 (13) A1

(21) PCT/US2003/035078

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/424,808 8 Nov/nov 2002 US (08.11.2002)

(30) 60/500,091 4 Sep/sep 2003 US (04.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPHTHALMIC COMPOSITIONS FOR TREATING OCULAR HYPERTENSION

• COMPOSITIONS OPHTALMIQUES POUR LE TRAITEMENT DE L'HYPERTENSION OCULAIRE

(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) DOHERTY, James, B. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CHEN, Meng-Hsin [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). LIU, Luping [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). NATARAJAN, Swaminathan, R. [IN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). TYNEBOR, Robert, M. [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 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)

(51)⁷ C07D 231/56, A61K 31/416, A61P 27/06

(11) WO 2004/043933 (13) A1

(21) PCT/US2003/035080

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/424,808 8 Nov/nov 2002 US (08.11.2002)

(30) 60/500,091 4 Sep/sep 2003 US (04.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPHTHALMIC COMPOSITIONS FOR TREATING OCULAR HYPERTENSION

• COMPOSITIONS OPHTALMIQUES POUR LE TRAITEMENT D'HYPERTENSION OCULAIRE

(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) DOHERTY, James, B. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). CHEN, Meng-Hsin [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). LIU, Luping [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). NATARAJAN, Swaminathan, R. [IN/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

TYNEBOR, Robert, M. [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 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)

(51)⁷ C07D 233/54, A61K 31/415, A61P 29/00

(11) WO 2004/043934 (13) A1

(21) PCT/US2003/035222

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/425,703 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CELECOXIB PRODRUG

• PROMEDICAMENT DE CELECOXIB

(71) PHARMACIA CORPORATION [US/US]; Corporate Patent Department, 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRANETO, Matthew, J. [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US). EWING, Gary, D. [US/US]; 700 Chesterfield Parkway West, Chesterfield, MO 63017-1732 (US).

(74) FORBES, James, C. et al. / etc.; Pharmacia Corporation, Corporate Patent Department, P.O. Box 1027, Chesterfield, MO 63006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 239/46, 487/04, G03F 7/027, 7/038, B41M 5/36

(11) WO 2004/043935 (13) A1

(21) PCT/US2003/034938

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/290,623 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POLYMERIZABLE COMPOUNDS
WITH QUADRUPLE HYDROGEN
BOND FORMING GROUPS• COMPOSES POLYMERISABLES AVEC
GROUPES FORMANT DES LIAISONS
HYDROGENE QUADRUPLES(71) KODAK POLYCHROME GRAPHICS
LLC [US/US]; 401 Merritt 7, Norwalk, CT
06851 (US).(72) HUANG, Jianbing; 1057 Daniels Farm
Road, Trumbull, CT 06611 (US). SARAIYA,
Shashikant; 5 Amherst Court, Parlin, NJ
08857 (US). ZHONG, Xing-Fu; 16 Stevens
Road, Apt. 160, Wallington, NJ 07057 (US).(74) KRIKELIS, Costa, S.; RatnerPrestia, P.O.
Box 1596, Wilmington, DE 19899 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ C07D 239/47, 239/48, 401/04, 401/14,
405/12, 405/14, 409/14, 413/14, A61K
31/505, 31/506, 31/5377, A61P 35/00, 43/00

(11) WO 2004/043936 (13) A1

(21) PCT/JP2003/014518

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ja (26) ja

(30) 2002-331141 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PLK INHIBITORS

• INHIBITEURS DE PLK (KINASES DU
TYPE POLO)(71) KYOWA HAKKO KOGYO CO., LTD.
[JP/JP]; 6-1, Ohtemachi 1-chome, Chiy-
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les États désignés sauf US)(72, 75) UMEHARA, Hiroshi [JP/JP]; c/o
Pharmaceutical Research Institute, Kyowa
Hakko Kogyo Co., Ltd., 1188, Shimotog-
ari, Nagaizumi-cho, Sunto-gun, Shizuoka
411-8731 (JP). YAMASHITA, Yoshinori
[JP/JP]; c/o Pharmaceutical Research Insti-
tute, Kyowa Hakko Kogyo Co., Ltd., 1188,
Shimotogari, Nagaizumi-cho, Sunto-gun,
Shizuoka 411-8731 (JP). TSUJITA, Tetsuya
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search Institute, Kyowa Hakko Kogyo Co.,
Ltd., 1188, Shimotogari, Nagaizumi-cho,
Sunto-gun, Shizuoka 411-8731 (JP). HAG-
IHARA, Koji [JP/JP]; c/o Sakai Research
Laboratories, Kyowa Hakko Kogyo Co.,
Ltd., 1-53, Takasu-cho 1-cho, Sakai-shi,
Osaka 590-8554 (JP). MACHII, Daisuke
[JP/JP]; c/o Pharmaceutical Research Insti-
tute, Kyowa Hakko Kogyo Co., Ltd., 1188,
Shimotogari, Nagaizumi-cho, Sunto-gun,
Shizuoka 411-8731 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 C07D 241/36, 401/14, 403/14, 405/14,
409/14, C09K 11/06, H01L 51/30, H05B
33/14, 33/22

(11) WO 2004/043937 (13) A1

(21) PCT/JP2003/013764

(22) 28 Oct/oct 2003 (28.10.2003)

(25) ja (26) ja

(30) 2002-329251 13 Nov/nov 2002 JP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • QUINOXALINE DERIVATIVE, OR-
GANIC SEMICONDUCTOR DEVICE
AND ELECTROLUMINESCENT ELE-
MENT• DERIVE DE QUINOXALINE, DISPO-
SITIF SEMI-CONDUCTEUR ORGA-
NIQUE ET ELEMENT ELECTROLU-
MINESCENT(71) SEMICONDUCTOR ENERGY LABO-
RATORY CO., LTD. [JP/JP]; Hase 398,
Atsugi-shi, Kanagawa 243-0036 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SHITAGAKI, Satoko [JP/JP]; C/O
SEMICONDUCTOR ENERGY LABORA-
TORY CO., LTD., 398 Hase, Atsugi-shi,
Kanagawa 243-0036 (JP). YAMAZAKI,
Hiroko [JP/JP]; C/O SEMICONDUCTOR
ENERGY LABORATORY CO., LTD., 398
Hase, Atsugi-shi, Kanagawa 243-0036 (JP).
SEO, Satoshi [JP/JP]; C/O SEMICONDC-
TOR ENERGY LABORATORY CO., LTD.,
398 Hase, Atsugi-shi, Kanagawa 243-0036
(JP).(81) AE AG 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 C07D 251/02, C10G 29/20, C10L 3/10,
C07C 7/20

(11) WO 2004/043938 (13) A1

(21) PCT/GB2002/005086

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • SULFIDE SEAVENGER

• DESULFURISANT

(71) CLEARWATER INTERNATIONAL,
LLC [US/US]; 515 Post Oak Blvd, Suite
600, Houston, TX 77027 (US).(71) HARDING, Richard, Patrick [GB/GB];
Marks & Clerk, 4220 Nash Court, Oxford
Business Park South, Oxford, Oxfordshire
OX4 2RU (GB).

(only for / seulement pour IS)

(72) GATLIN, Larry, W.; 9542 FM 1303, Flo-
resville, TX 78114 (US).(74) MARKS & CLERK et al. / etc.; 4220 Nash
Court, Oxford Business Park South, Oxford,
Oxfordshire OX4 2RU (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ C07D 265/30, 295/06, 211/06, 241/04,
207/08, C07C 233/05, 311/15, A61K 31/535,
31/165, 31/445, 31/495, 31/40, 31/395,
31/55, 31/18, 31/16

(11) WO 2004/043939 (13) A1

(21) PCT/US2003/009461

(22) 26 Mar/mar 2003 (26.03.2003)

(25) en (26) en

(30) 60/368,427 27 Mar/mar 2002 US
(27.03.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AMIDE COMPOUNDS AND METH-
ODS OF USING THE SAME• COMPOSES AMIDE ET PROCEDES
D'UTILISATION DE CEUX-CI(71) SMITHKLINE BEECHAM CORPO-
RATION [US/US]; One Franklin Plaza,
Philadelphia, PA 19103 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) THOMPSON, Scott, K. [US/US]; 709
Swedeland Road, King of Prussia, PA 19406
(US). FRAZEE, James, S. [US/US]; 709
Swedeland Road, King of Prussia, PA 19406

(US). KALLANDER, Lara, S. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). MA, Chun [CN/US]; Apartment 3G, 1150 River Road, Edgewater, NJ 07020 (US). MARINO, Joseph, P. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). NEEB, Michael, J. [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US). WANG, Ning [US/US]; 709 Swedeland Road, King of Prussia, PA 19406 (US).

(74) SIEBURTH, Kathryn, L. et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW 2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406-0939 (US).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SC SG TN TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for the following designations / pour les désignations suivantes : AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX NO NZ OM PH PL RO SC SG TN TT UA UZ VN YU ZA AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ C07D 295/18, 207/10, 403/10, 401/10, 413/10, 417/10, 403/12, 471/04, 403/06, 487/04, 205/04, 211/38, 213/64, A61K 31/40, 31/395, 31/445, A61P 3/10

(11) WO 2004/043940 (13) A1

(21) PCT/US2003/034924

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,483 7 Nov/nov 2002 US (07.11.2002)

(30) 60/501,232 19 Jun/juin 2003 US (19.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHENYLALANINE DERIVATIVES AS DIPEPTIDYL PEPTIDASE INHIBITORS FOR THE TREATMENT OR PREVENTION OF DIABETES

• DERIVES DE PHENYLALANINE UTILISES COMME INHIBITEURS DE LA DIPEPTIDYL PEPTIDASE DANS LE TRAITEMENT OU LA PREVENTION DU DIABETE

(71) MERCK & CO., INC. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COLANDREA, Vincent, J. [US/US]; 126 East Lincoln Avenue, Rahway, NJ

07065-0907 (US). EDMONDSON, Scott, D. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MATHVINK, Robert, J. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). MASTRACHIO, Anthony [CA/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). WEBER, Ann, E. [US/US]; 126 East Lincoln Avenue, Rahway, NJ 07065-0907 (US). XU, Jinyou [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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 301/12, 303/04

(11) WO 2004/043941 (13) A1

(21) PCT/EP2003/012519

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 02/14206 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR THE MANUFACTURE OF 1,2-EPOXY-3-CHLOROPROPANE
• PROCEDE DE PREPARATION DE 1,2-EPOXY-3-CHLOROPROPANE

(71) SOLVAY (SOCIÉTÉ ANONYME) [BE/BE]; Rue du Prince Albert, 33, B-1050 Brussels (BE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STREBELLE, Michel [BE/BE]; Rue Sombre, 84, B-1150 Brussels (BE). CATINAT, Jean-Pierre [BE/BE]; Rue de la Résistance, 93, B-7131 Waudrez (BE).

(74) VANDE GUCHT, Anne et al. / etc.; Solvay (Société Anonyme), Intellectual Property Department, Rue de Ransbeek, 310, B-1120 Brussels (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US (u) for / pour US only / seulement

(51)⁷ C07D 307/33

(11) WO 2004/043942 (13) A1

(21) PCT/JP2003/014441

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330964 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR PRODUCING γ -JASMO-LACTONE

• PROCEDE DE PRODUCTION DE GAMMA-JASMOLACTONE

(71) HOKKO CHEMICAL INDUSTRY CO., LTD. [JP/JP]; 4-20, Nihonbashi-Hongoku-cho 4-chome, Chuo-ku, Tokyo 103-8341 (JP). TOYOTAMA KORYO CO., LTD. [JP/JP]; 14-5, Nihonbashi-Kakigara-cho 1-chome, Chuo-ku, Tokyo 103-0014 (JP).

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(72, 75) HOBARA, Satoshi [JP/JP]; 21-41-411, Tsumadaminami 1-chome, Atsugi-shi, Kanagawa 243-0814 (JP). FUKAWA, Hidemichi [JP/JP]; c/o TOYOTAMA KORYO CO., LTD., Research Center, 65, Numata, Minami-ashigara-shi, Kanagawa 250-0115 (JP).

(74) SUZUKI, Shunichiro; S.SUZUKI & ASSOCIATES, Gotanda Yamazaki Bldg. 6F, 13-6, Nishigotanda 7-chome, Shinagawa-ku, Tokyo 141-0031 (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 C07D 309/08, 211/06, 405/12, 401/12, 407/12, 417/12, 413/12, 409/12, A61K 31/4465, A61P 25/00

(11) WO 2004/043943 (13) A1

(21) PCT/US2003/034961

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/291,983 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • AROMATIC SULFONE HYDROXAMIC ACIDS AND THEIR USE AS PROTEASE INHIBITORS

- ACIDES HYDROXAMIQUES SULFONIQUES AROMATIQUES ET LEUR UTILISATION COMME INHIBITEURS DE LA PROTEASE

- (71) **PHARMACIA CORPORATION** [US/US]; P.O. Box 1027, Chesterfield, MO 63006 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **AWASTHI, Alok, K.** [US/US]; 9438 Keystone Avenue, Skokie, IL 60076 (US). **BARTA, Thomas, E.** [US/US]; 118 Sterling Lane, Wilmette, IL 60091 (US). **BECKER, Daniel, P.** [US/US]; 1800 Maplewood Lane, Glenview, IL 60025 (US). **BEDELL, Louis, J.** [US/US]; 208 E. Marion Avenue, Mt. Prospect, IL 60070 (US). **BOEHM, Terri, L.** [US/US]; 928 Cleta Drive, Ballwin, MO 63021 (US). **CARROLL, Jeffery, N.** [US/US]; 306 N. Rapp, Columbia, IL 62236 (US). **CHANDRAKUMAR, Nizal, S.** [US/US]; 15 Montgomery Lane, Vernon Hills, IL 60061 (US). **DECRESCENZO, Gary, A.** [US/US]; 7345 Spruce Hill Ct., St. Charles, MO 63304 (US). **DESAI, Bipinchandra, N.** [US/US]; 200 Annapolis Drive, Vernon Hills, IL 60061 (US). **FOBIAN, Yvette, M.** [US/US]; 580 Eagles Nest Ct., Wildwood, MO 63011 (US). **FRESKOS, John, N.** [US/US]; 7572 York, Clayton, MO 63105 (US). **HERON, Marcia, I.** [CA/US]; 5017 Commonwealth Avenue, Wester Springs, IL 60058 (US). **HOCKERMAN, Susan, L.** [US/US]; 6906 N. Kenton, Lincolnwood, IL 60712 (US). **JULL, Sara, M.** [US/US]; 1800 Ovaltine Court, Apartment 1816, Villa Park, IL 60181 (US). **KASSAB, Darren, J.** [US/US]; 5 Park City Court, O'Fallon, MO 63366 (US). **KOLODZIEJ, Stephen, A.** [US/US]; 2448 Clarjon Drive, Ballwin, MO 63021 (US). **MCDONALD, Joseph, J.** [US/US]; 1716 Timber Ridge Estates Dr., Wildwood, MO 63011 (US). **MISCHKE, Deborah, A.** [US/US]; 25 White River Lane, Defiance, MO 63341 (US). **MULLINS, Patrick, B.** [US/US]; 7997 Raleigh, St. Louis, MO 63123 (US). **NORTON, Monica, B.** [US/US]; 7777 Gissler Avenue, St. Louis, MO 63117 (US). **RICO, Joseph, G.** [US/US]; 545 Kings Manor Drive, O'Fallon, MO 63366 (US). **TALLEY, John, J.** [US/US]; 122 Hamilton Street, Apt. 2, Cambridge, MA 02139 (US). **TRIVEDI, Mahima** [IN/US]; 4940 Foster Avenue #205, Skokie, IL 60077 (US). **VILLAMIL, Clara, I.** [US/US]; 813 Long Road, Glenview, IL 60025 (US). **WANG, Lijuan, J.** [CN/US]; 919 Crown Point Est. Dr., Wildwood, MO 63021 (US).

- (74) **GRYTE, David, M.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., Suite 400, 7700 Bonhomme, Clayton, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 309/12

(11) WO 2004/043944 (13) A1

(21) PCT/KR2003/002059

(22) 7 Oct/oct 2003 (07.10.2003)

(25) en

(26) en

(30) 10-2002-0070591 14 Nov/nov 2002 KR (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PHARMACOLOGICALLY ACTIVE NOVEL DAUER PHEROMONE COMPOUND FOR CONTROLLING AGING AND STRESS AND METHOD FOR ISOLATING AND CHARACTERIZING THE SAME

- COMPOSE PHEROMONE DE DAUER A ACTIVITE PHARMACOLOGIQUE POUR LE CONTROLE DU VIEILLISSEMENT ET DU STRESS, ET PROCEDE D'ISOLATION ET DE CARACTERISATION CORRESPONDANT

- (71) **KDR BIOTECH. CO., LTD.** [KR/KR]; 506-4, Amsa 2-Dong, Kangdong-Ku, Seoul 134-050 (KR).

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- (71, 72) **PAIK, Young Ki** [KR/KR]; 102-1807, Dusan Apartment, 472, Kaebong-Dong, Kuro-Ku, Seoul 152-090 (KR).

- (72, 75) **JEONG, Pan Young** [KR/KR]; 2-705, Miju Apartment, Songnae-Dong, Kangdong-Ku, Seoul 134-030 (KR).

- (74) **PARK, Jong Man**; Tomorrow Int'l Patent & Law Firm, 2nd Floor, Kumma Building, 827-24, Yoksam-Dong, Kangnam-Ku, Seoul 135-080 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 311/36, 311/40

(11) WO 2004/043945 (13) A1

(21) PCT/US2003/035804

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en

(26) en

(30) 60/425,541 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR PURIFYING AND SEPARATING SOY ISOFLAVONES

- DE PURIFICATION ET DE SEPARATION D'ISOFLAVONES DE SOJA

- (71) **WILEY ORGANICS, INC.** [US/US]; 1245 South 6th Street, Post Office Box 640, Coshocton, OH 43812 (US).

- (72) **DOBBINS, Thomas, A.**; 305 Northern Spy Circle, Howard, OH 43028 (US).

- (74) **LEVY, Mark, P.** et al. / etc.; Thompson Hine LLP, 2000 Courthouse Plaza NE, Post Office Box 8801, Dayton, OH 45401-8801 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 311/80

(11) WO 2004/043946 (13) A1

(21) PCT/US2003/035599

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en

(26) en

(30) 60/425,543 12 Nov/nov 2002 US (12.11.2002)

(30) 60/435,027 20 Dec/déc 2002 US (20.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CANNABINOID CRYSTALLINE DERIVATIVES AND PROCESS OF CANNABINOID PURIFICATION

- DERIVES CRISTALLINS D'UN CANNABINOIDE ET PROCEDE DE PURIFICATION D'UN CANNABINOIDE

- (71) **MALLINCKRODT INC.** [US/US]; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

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- (72, 75) **DUCHEK, John, R.** [US/US]; 5793 Karamar Drive, St. Louis, MO 63128 (US).

- (74) **BOONE, Jeffrey, S.** et al. / etc.; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

- (51)⁷ C07D 401/04, A61K 31/4439, A61P 3/10,
C07D 413/04, 417/04
- (11) WO 2004/043947 (13) A1
- (21) PCT/FR2003/003275
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) fr (26) fr
- (30) 0213801 5 Nov/nov 2002 FR
(05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • NOVEL PYRIDINE DERIVATIVES,
PREPARATION METHOD AND PHAR-
MACEUTICAL COMPOSITIONS CON-
TAINING SAME
- NOUVEAU DERIVES DE LA PY-
RIDINE, LEUR PROCEDE DE PRE-
PARATION ET L ES COMPOS-
ITIONS PHARMACEUTIQUES QUILES
CONTIENNENT
- (71) LES LABORATOIRES SERVIER
[FR/FR]; 12, place de la Défense, F-92415
Courbevoie Cedex (FR).
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les États désignés sauf US)
- (72, 75) RAULT, Sylvain [FR/FR]; Route de
Saint-Pierre sur Dives, F-14370 Moulit (FR).
KOPP, Marina [FR/FR]; 42, rue de Lebis-
sey, F-14000 Caen (FR). LANCELOT,
Jean-Charles [FR/FR]; Tour en Bessin RN
13, F-14400 Le Bourg (FR). LEMAITRE,
Stéphane [FR/FR]; Rue des Bruyères,
F-27220 Bois le Roy (FR). PFEIFFER,
Bruno [FR/FR]; 47, rue Ernest Renan,
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ZOT-ESPIARD, Jean-Guy [FR/FR]; 2,
rue de la Convention, F-75015 Paris (FR).
RENARD, Pierre [FR/FR]; 3, avenue du
Parc, F-78150 Le Chesnay (FR).
- (74) LES LABORATOIRES SERVIER; 12,
place de la Défense, F-92415 Courbevoie
Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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) EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
- Published / Publiée : (c)
- (51)⁷ C07D 401/12
- (11) WO 2004/043948 (13) A1
- (21) PCT/US2003/035369
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 60/424,162 6 Nov/nov 2002 US
(06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)

- (54) • SULFONAMIDES
• SULFONAMIDES
- (71) SMITHKLINE BEECHAM CORPORA-
TION [US/US]; One Franklin Plaza, P.O.
Box 7929, Philadelphia, PA 19101 (US).
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les États désignés sauf US)
- (72, 75) DODSON, Jason, W. [US/US]; 709
Swedeland Road, King of Prussia, PA 19406
(US). MCATEE, John, Jeffrey [US/US];
709 Swedeland Road, King of Prussia, PA
19406 (US). NEEB, Michael, J. [US/US];
709 Swedeland Road, King of Prussia, PA
19406 (US).
- (74) HALL, Linda, E. et al. / etc.; SmithKline
Beecham Corporation, Corporate Intellect-
ual 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).

Published / Publiée : (c)

- (51)⁷ C07D 403/04, 401/04, A61K 31/454,
31/404, A61P 25/00, 29/00
- (11) WO 2004/043949 (13) A1
- (21) PCT/EP2003/012306
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) de (26) de
- (30) 102 52 666.4 11 Nov/nov 2002 DE
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • 4-SUBSTITUTED 1-AMINOCYCLO-
HEXANE DERIVATIVES FOR UTI-
LIZATION AS ORL1-RECEPTOR AND
MU-OPIATE RECEPTOR LIGANDS
- DERIVES DE 1-AMINOCYCLO-
HEXANE 4-SUBSTITUE UTILISES
COMME LIGANDS DE RECEPTEUR
ORL1 ET DE RECEPTEUR D'OPIACE
MU
- (71) GRÜNENTHAL GMBH [DE/DE]; Ziegler-
strasse 6, 52078 Aachen (DE).
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les États désignés sauf US)
- (72, 75) HINZE, Claudia [DE/DE]; Viktori-
aallee 10, 52066 Aachen (DE). SCHICK,
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(DE).
- (74) GRÜNENTHAL GMBH; Stabsstelle
Patente, Zieglerstrasse 6, 52078 Aachen
(DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ OM PH PL PT RO RU 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 C07D 403/04, 491/04, 403/14, 401/14,
405/14, 409/14, 487/04, 471/04, 417/14,
A61K 31/498, 31/5025, 31/519, A61P 19/02,
35/00
- (11) WO 2004/043950 (13) A1
- (21) PCT/US2003/036003
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 60/425,490 12 Nov/nov 2002 US
(12.11.2002)
- (30) 60/460,915 7 Apr/avr 2003 US
(07.04.2003)
- (30) 60/484,202 30 Jun/juin 2003 US
(30.06.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • INDOLYL PYRAZINONE DERIVA-
TIVES USEFUL FOR TREATING HY-
PER-PROLIFERATIVE DISORDERS
AND DISEASES ASSOCIATED WITH
ANGIOGENESIS
- DERIVES D'INDOLYLE PYRAZINONE
UTILES POUR LE TRAITEMENT DES
MALADIES ET DES TROUBLES HY-
PERPROLIFERANTS ASSOCIES A
L'ANGIOGENESE
- (71) BAYER PHARMACEUTICALS COR-
PORATION [US/US]; 400 Morgan Lane,
West Haven, CT 06516 (US).
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- (72, 75) LADOUCEUR, Gaetan, H. [CA/US];
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Lane, Milford, CT 06460 (US). BI, Cheng
[US/US]; 12 Big Spruce Lane, West Haven,
CT 06516 (US). BRITTELLI, David, R.
[US/US]; 240 Stony Creek Road, Bran-
ford, CT 06405 (US). BURKE, Michael,
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New Haven, CT 06511 (US). CHEN, Gang
[CN/CA]; 1606-28 Sommerset Way, North
York, Ontario M2N 6W7 (CA). COOK,
James [US/US]; 174 Young Street, East
Hampton, CT 06424 (US). DUMAS, Jacques
[FR/US]; 98 Farmview Road, Bethany, CT
06524 (US). SIBLEY, Robert [US/US];
1187 Mount Carmel Avenue, North Haven,
CT 06473 (US). TURNER, Michael, R.
[US/US]; 53 Cherry Street, 4R, Milford, CT
06460 (US).
- (74) GREENMAN, Jeffrey, M. et al. / etc.;
Bayer Pharmaceuticals Corporation, 400
Morgan Lane, West Haven, CT 06516 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ C07D 409/04, 401/04, 231/22, 231/12, A61K 31/415 // (C07D 409/04, 333:00, 231:00) (C07D 401/04, 231:00, 211:00)

(11) WO 2004/043951 (13) A1

(21) PCT/EP2003/011855

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 02360298.0 24 Oct/oct 2002 EP (24.10.2002)

(30) 02360372.3 20 Dec/déc 2002 EP (20.12.2002)

(30) 02360373.1 20 Dec/déc 2002 EP (20.12.2002)

(30) 60/456,954 25 Mar/mar 2003 US (25.03.2003)

(30) 03360070.1 11 Jun/juin 2003 EP (11.06.2003)

(30) 03360091.7 24 Jul/juil 2003 EP (24.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PYRAZOLE DERIVATIVES AS MODULATORS OF PEROXISOME PROLIFERATOR ACTIVATED RECEPTORS
• COMPOSES ET COMPOSITIONS DE MODULATION

(71) CAREX SA [FR/FR]; 11, rue Humann, F-67000 Strasbourg (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUCK, Jacques [FR/FR]; 12 rue du Lieutenant Homps, F-67400 Illkirch-Grafenstaden (FR). SALADIN, Régis [FR/FR]; 17, rue de L'Altenberg, F-67140 Barr (FR). SIERRA, Michael [FR/FR]; 38C, Route de Strasbourg, F-67117 Furdenheim (FR).

(74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(51)⁷ C07D 409/04, A61K 31/44, C07D 211/86, 401/04

(11) WO 2004/043952 (13) A1

(21) PCT/FR2003/003276

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/13803 5 Nov/nov 2002 FR (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL 2,3-DIHYDRO-4(1H)-PYRIDINONE DERIVATIVES, METHOD FOR PRODUCTION THEREOF AND PHARMACEUTICAL COMPOSITION COMPRISING THE SAME
• NOUVEAUX DERIVES DE 2,3-DIHYDRO-4(1H)-PYRIDINONES, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT

(71) LES LABORATOIRES SERVIER [FR/FR]; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RAULT, Sylvain [FR/FR]; Route de Saint-Pierre sur Dives, F-14370 Moullet (FR). LEFLEMME, Nicolas [FR/FR]; Basse Ville, F-14370 Bissières (FR). DALLE-MAGNE, Patrick [FR/FR]; Le Vieux Presbytère, F-14260 Saint-Georges d'Aunay (FR). LESTAGE, Pierre [FR/FR]; 9, allée de la Grande Terre, F-78170 La Celle Saint Cloud (FR). LOCKHART, Brian [IE/FR]; 1, résidence La Trouée, F-78810 Feucherolle (FR). DANOBER, Laurence [FR/FR]; 82, rue Henri Richaume, F-78360 Montesson (FR). PFEIFFER, Bruno [FR/FR]; 47, rue Ernest Renan, F-95320 Saint Leu la Forêt (FR). RENARD, Pierre [FR/FR]; 3, avenue du Parc, F-78150 Le Chesnay (FR).

(74) LES LABORATOIRES SERVIER; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 417/04, A61K 31/506, A61P 35/00

(11) WO 2004/043953 (13) A1

(21) PCT/GB2003/004973

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226583.3 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PYRIMIDINE COMPOUNDS
• COMPOSES DE PYRIMIDINE

(71) CYCLACEL LIMITED [GB/GB]; 12 St. James's Square, London SW1Y 4RB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WANG, Shudong [AU/GB]; Burnside Mill, Forfar, Angus DD8 2RZ (GB). MEADES, Christopher [GB/GB]; 32 Chirnside Place, Whitehazel Park, Dundee DD4 0TE (GB). WOOD, Gavin [GB/GB]; Whinrig, Millbank, Cupar, Fife KY15 5DP (GB). O'BOYLE, Janice [GB/GB]; 11 Gullane Terrace, Dundee DD2 3BT (GB). MCINNES, Campbell [GB/GB]; 8 Mary Findlay Drive, Longforgan, Dundee DD2 5JE (GB). FISCHER, Peter [CH/GB]; Denley Lodge, 1 Arbirlot Road, Arbroath, Angus DD11 2EN (GB).

(74) CLYDE-WATSON, Zoe et al. / etc.; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07D 417/06, 413/06, 405/06, A61K 31/427

(11) WO 2004/043954 (13) A2

(21) PCT/US2003/035411

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,352 7 Nov/nov 2002 US (07.11.2002)

(30) 60/473,743 27 May/mai 2003 US (27.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TRANS-9,10-DEHYDROEPTHILONE C AND D, ANALOGS THEREOF AND METHODS OF MAKING THE SAME
• TRANS-9,10-DEHYDROEPTHILONES C ET D, LEURS ANALOGUES

ET LEURS PROCEDES DE PRODUCTION

(71) **KOSAN BIOSCIENCES INCORPORATED** [US/US]; 3832 Bay Center Place, Hayward, CA 94545 (US).

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(72, 75) **LI, Yong** [US/US]; 4227 Suzanne Drive, Palo Alto, CA 94306 (US). **SUNDERMANN, Kurt** [US/US]; 1450 Capuchino Avenue, Burlingame, CA 94010 (US). **TANG, Li** [CN/US]; 905 Virgo Lane, Foster City, CA 94404 (US). **MYLES, David** [US/US]; 1 Eagle Hill, Kensington, CA 94707 (US).

(74) **SHELTON, Dennis, k.**; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 417/06, 417/14, A61K 31/427, A61P 35/00

(11) WO 2004/043955 (13) A1

(21) PCT/US2003/036747

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,280 13 Nov/nov 2002 US (13.11.2002)

(30) 60/514,951 28 Oct/oct 2003 US (28.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RHODANINE DERIVATIVES AND PHARMACEUTICAL COMPOSITIONS CONTAINING THEM

• DERIVES DE RHODANINE ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT

(71) **RIGEL PHARMACEUTICALS, INC.** [US/US]; 240 East Grand Avenue, South San Francisco, CA 94080 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SINGH, Rajinder** [GB/US]; 1832 Hillman Avenue, Belmont, CA 94002 (US). **RAMESH, Usha, V.** [US/US]; 1148 Elmsford Drive, Cupertino, CA 95014 (US). **GOFF, Dane** [US/US]; 77 Markham Avenue, Redwood City, CA 94063 (US). **LAIDIG, Guy** [US/US]; 327 A Waverly Street, Menlo Park, CA 94025 (US). **ISSAKANI, Sarkiz, D.** [US/US]; 190 Colonade Square, San Jose, CA 95127 (US). **HUANG, Jianing** [US/US]; 900 Constitution Dr, Foster City, CA 94404 (US). **PAYAN, Donald, G.** [US/US]; 24 Windsor Drive, Hillsborough, CA 94010 (US).

(74) **GREENFIELD, Michael, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 471/04, A61K 31/505

(11) WO 2004/043956 (13) A1

(21) PCT/FR2003/003274

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/13804 5 Nov/nov 2002 FR (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PYRIDOPYRIMIDINONE COMPOUNDS, METHOD FOR PRODUCTION THEREOF AND MEDICAMENTS COMPRISING THE SAME

• COMPOSES PYRIDOPYRIMIDINONE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT

(71) **LES LABORATOIRES SERVIER** [FR/FR]; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAULT, Sylvain** [FR/FR]; Route de Saint-Pierre sur Dives, F-14370 Moullet (FR). **LANCELOT, Jean-Charles** [FR/FR]; Tour en Bessin RN 13, F-14400 Caen (FR). **KOPP, Marina** [FR/FR]; 42, rue de Lebissey, F-14000 Caen (FR). **CAIGNARD, Daniel-Henri** [FR/FR]; 22, avenue de la République, F-78230 Le Pecq (FR). **PFEIFFER, Bruno** [FR/FR]; 47, rue Ernest Renan, F-95320 Saint Leu la Forêt (FR). **RENARD, Pierre** [FR/FR]; 3, avenue du Parc, F-78150 Le Chesnay (FR).

(74) **LES LABORATOIRES SERVIER**; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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).

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(51)⁷ C07D 471/04, A61K 31/44 // C07D 235:00, 221:00

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(21) PCT/FR2003/003277

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/13802 5 Nov/nov 2002 FR (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMIDAZOPYRIDINE DERIVATIVES, PREPARATION METHOD AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME

• DERIVES D'IMIDAZOPYRIDINE, LEUR PROCEDE DE PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT

(71) **LES LABORATOIRES SERVIER** [FR/FR]; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAULT, Sylvain** [FR/FR]; Route de Saint-Pierre sur Dives, F-14370 Moullet (FR). **LANCELOT, Jean-Charles** [FR/FR]; Tour en Bessin RN 13, F-14400 Le Bourg (FR). **KOPP, Marina** [FR/FR]; 42, rue de Lebissey, F-14000 Caen (FR). **CAIGNARD, Daniel-Henri** [FR/FR]; 22, avenue de la République, F-78230 Le Pecq (FR). **PFEIFFER, Bruno** [FR/FR]; 47, rue Ernest Renan, F-95320 Saint Leu la Forêt (FR). **RENARD, Pierre** [FR/FR]; 3, avenue du Parc, F-78150 Le Chesnay (FR). **BIZOT-ESPIARD, Jean-Guy** [FR/FR]; 2, rue de la Convention, F-75015 Paris (FR).

(74) **LES LABORATOIRES SERVIER**; 12, place de la Défense, F-92415 Courbevoie Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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).

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(51)⁷ C07D 471/04, A61K 31/435, A61P 3/00, 25/24 // (C07D 471/04, 221:00, 209:00)

(11) WO 2004/043958 (13) A1

(21) PCT/US2003/035543

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,456 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FUSED HETEROCYCLIC COMPOUNDS

• COMPOSES HETEROCYCLIQUES CONDENSES

(71) TULARIK INC. [US/US]; 1120 Veterans Boulevard, South San Francisco, CA 94080 (US).

(72) CHEN, Xi; 130 Tennyson Avenue, Palo Alto, CA 94301 (US). CHEN, Xiaoqi; 640 Hobart Avenue, San Mateo, CA 94402 (US). FAN, Pingchen; 38523 Burdette Common, Fremont, CA 94536 (US). JAEN, Juan; 154 Los Robles Drive, Burlingame, CA 94010 (US). LI, Leping; 2100 Davis Drive, Burlingame, CA 94010 (US). MIHALIC, Jeffrey, T.; 300 3rd Street, #523, San Francisco, CA 94107 (US).

(74) CORUZZI, Laura, A. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 471/06, 487/06, A61K 31/519, 31/551, A61P 9/00, 19/02, 29/00, 43/00

(11) WO 2004/043959 (13) A1

(21) PCT/JP2003/014319

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-328935 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL PARP INHIBITORS

• NOUVEAUX INHIBITEURS DE PARP

(71) MOCHIDA PHARMACEUTICAL CO., LTD. [JP/JP]; 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIROMIZU, Ikuya [JP/JP]; c/o Mochida Pharmaceutical Co., Ltd., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). KATO, Kazuo [JP/JP]; c/o Mochida Pharmaceutical Co., Ltd., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). YAMAMOTO, Ichiro [JP/JP]; c/o Mochida Pharmaceutical Co., Ltd., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). HAMAMOTO, Hajime [JP/JP]; c/o Mochida Pharmaceutical Co., Ltd., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 471/08, A61K 31/551, A61P 25/00, 25/28, 25/16 // (C07D 471/08, 243:00, 237:00, 261:00, 275:00)

(11) WO 2004/043960 (13) A1

(21) PCT/DK2003/000769

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) PA 2002 01737 11 Nov/nov 2002 DK (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 1,4-DIAZABICYCLO (3,2,2)NONANE DERIVATIVES, PREPARATION AND THERAPEUTICAL USE THEREOF

• DERIVES DE 1,4-DIAZABICYCLO (3,2,2)NONANE, PREPARATION ET UTILISATIONS THERAPEUTIQUES DE CES DERIVES

(71) NEUROSEARCH A/S [DK/DK]; 93 Pederstrupvej, DK-2750 Ballerup (DK).

(72) PETERS, Dan; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). OLSEN, Gunnar, M.; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). NIELSEN, Elsebet, Østergaard; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). JØRGENSEN, Tino, Dyhring; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK). AHRING, Philip, K.; c/o NeuroSearch A/S, 93 Pederstrupvej, DK-2750 Ballerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC

SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07D 477/06, C07F 7/18

(11) WO 2004/043961 (13) A1

(21) PCT/JP2003/014420

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330128 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR PRODUCING CARBAPENEM COMPOUND FOR ORAL ADMINISTRATION

• PROCEDE DE PRODUCTION D'UN COMPOSE DE CARBAPENEM POUR L'ADMINISTRATION PAR VOIE ORALE

(71) KANEKA CORPORATION [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-8288 (JP).

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(72, 75) NISHINO, Keita [JP/JP]; c/o KANEKA CORPORATION Takasago Plant, 1-8, Takasagocho Miyamae, Takasago-shi, Hyogo 676-8688 (JP). KOGA, Teruyoshi [JP/JP]; c/o KANEKA CORPORATION Takasago Plant, 1-8, Takasagocho Miyamae, Takasago-shi, Hyogo 676-8688 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Chuo BLDG., 4-20, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 487/04, A61K 31/519, A61P 35/00 // (C07D 487/04, 239:00, 209:00)

(11) WO 2004/043962 (13) A1

(21) PCT/EP2003/012594

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0226370.5 12 Nov/nov 2002 GB (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • 4-AMINO-5-PHENYL-7-CYCLO-HEXYL-PYRROLO[2,3-d]PYRIMIDINE DERIVATIVES

• DERIVES DE 4-AMINO-5-PHENYL-7-CYCLOHEXYL-PYRROLO[2,3-d]PYRIMIDINE

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).
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(71) **NOVARTIS PHARMA GMBH** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) **CAPRARO, Hans-Georg** [CH/CH]; Habsburgerstrasse 60, CH-4310 Rheinfelden (CH). **FURET, Pascal** [FR/FR]; 24 rue du Riegelsbourg, F-68800 Thann (FR). **GARCIA-ECHEVERRIA, Carlos** [ES/CH]; Engelgasse 126, CH-4052 Basel (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NI NO NZ OM PG PH PL PT RO RU SC SE SG SK SY TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ C07D 487/04, A61K 31/551, A61P 35/00

(11) WO 2004/043963 (13) A1

(21) PCT/GB2003/004963

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226593.2 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PYRROLOBENZODIAZEPINES
• PYRROLOBENZODIAZEPINES

(71) **SPIROGEN LIMITED** [GB/GB]; 79 George Street, Ryde, Isle of Wight, Hampshire PO33 2JF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THURSTON, David, Edwin** [GB/GB]; School of Pharmacy, University of London, 29/39 Brunswick Square, London, Greater London WC1N 1AX (GB). **HOWARD, Philip**, [GB/GB]; School of Pharmacy, University of London, 29/39 Brunswick Square, London, Greater London WC1N 1AX (GB).

(74) **WATSON, Robert, J.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 489/02

(11) WO 2004/043964 (13) A2

(21) PCT/US2003/035463

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,748 8 Nov/nov 2002 US (08.11.2002)

(30) 60/425,580 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR THE PREPARATION OF QUATERNARY N-ALKYL MORPHINAN ALKALOID SALTS
• METHODE DE PREPARATION DE SELS N-ALKYLE QUATERNAIRES D'ALCALOIDES MORPHINIQUES

(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) **CANTRELL, Gary, L.** [US/US]; 509 Lakewood Drive, Troy, IL 62294 (US). **HALVACHS, Robert, E.** [US/US]; 309 Fredericksburg Drive, Belleville, IL 62223 (US).

(74) **BOONE, Jeffrey, S.** et al. / etc.; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 491/04 // (C07D 491/04, 313:00, 221:00)

(11) WO 2004/043965 (13) A1

(21) PCT/US2003/035817

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,947 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CCR1 ANTAGONISTS FOR THE TREATMENT OF I.A. DEMYELINATING INFLAMMATORY DISEASE
• ANTAGONISTES DE CCR1 DESTINES AU TRAITEMENT DE L'ARTHRITE INFLAMMATOIRE ET DE LA DEMYELINATION INFLAMMATOIRE

(71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 40 Landsdowne Street, Cambridge, MA 02139 (US).

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(72, 75) **CARSON, Kenneth, G.** [US/US]; 21 Sterling Road, Needham, MA 02194 (US). **HARRIMAN, Geraldine, C., B.** [US/US]; 50 South Arnold Road, Charlestown, RI 02813 (US).

(74) **CARROLL, Alice, O.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 01742-9133, Concord Massachusetts (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 491/044, A61K 31/4353, 31/55, 31/4709, 31/519, A61P 29/00, 37/00, C07D 471/04, 401/12 // (C07D 491/044, 313:00, 221:00) (C07D 471/04, 223:00, 221:00)

(11) WO 2004/043966 (13) A1

(21) PCT/EP2003/012581

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 200202590 12 Nov/nov 2002 ES (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NEW TRICYCLIC DERIVATIVES AS LTD4 ANTAGONISTS
• NOUVEAUX DERIVES TRICYCLIQUES EN TANT QU'ANTAGONISTES DE LTD4

(71) **ALMIRALL PRODESFARMA S.A.** [ES/ES]; Ronda del General Mitre 151, E-08022 Barcelona (ES).
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(72, 75) **PUIG DURAN, Carlos** [ES/ES]; C/Asurias 93, 2^o 2^a, E-08024 Barcelona (ES). **PEREZ CRESPO, Daniel** [ES/ES]; Avda. Can Baro 10, 4^o 3^a, E-8024 Barcelona (ES). **BACH TANA, Jordi** [ES/ES]; Ronda Francesc Camprondón 32 2^o 2^a, E-08500 Vic, Barcelona (ES). **RYDER, Hamish** [GB/ES]; Pasaje Barnadas 18, E-08190 La Floresta Sant Cugat del Valles, Barcelona (ES).

(74) **SRINIVASAN, Ravi Chandran** 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07D 491/10, 495/10, 493/10, 471/10, A61K 31/407, A61P 25/00

(11) WO 2004/043967 (13) A1

(21) PCT/EP2003/012305

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) 102 52 667.2 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SPIROCYCLIC CYCLOHEXANE DERIVATIVES
• DERIVES DE CYCLOHEXANE SPIRO-CYCLIQUES

(71) GRÜNENTHAL GMBH [DE/DE]; Zieglerstrasse 6, 52078 Aachen (DE).
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(72, 75) HINZE, Claudia [DE/DE]; Viktori-aallee 10, 52066 Aachen (DE). AULEN-BACHER, Otto [DE/DE]; Gierlichsstrasse 16, 52134 Herzogenrath (DE). SUNDERMANN, Bernd [DE/DE]; Oppen-hoffallee 83-85, 52066 Aachen (DE). OBERBÖRSCH, Stefan [DE/DE]; Wei-denweg 10, 52074 Aachen (DE). FRID-ERICH, Elmar [DE/DE]; Zehntweg 24, 52223 Stolberg (DE). ENGLBERGER, Werner [DE/DE]; Sonnenweg 1, 52223 Stolberg (DE). KÖGEL, Babette-Yvonne [DE/DE]; Am Daens 28, 52379 Langer-wehe-Hamich (DE). LINZ, Klaus [DE/DE]; Robert-Koch-Strasse 38, 53115 Bonn (DE). SCHICK, Hans [DE/DE]; Prenzlauer Allee 32, 10405 Berlin (DE). SONNENSCHNEIN, Helmut [DE/DE]; Seumestrasse 14, 10245 Berlin (DE). HENKEL, Birgitta [DE/DE]; Ahornallee 19, 12555 Berlin (DE). ROSE, Valerie, Sarah [GB/GB]; Biofocus Discovery Ltd., Chesterford Research Park, Saffron Walden, Essex CB10 1XL (GB). LIPKIN, Michael, Jonathan [GB/GB]; Biofocus Discovery Ltd., Chesterford Research Park, Saffron Walden, Essex CB10 1XL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07D 513/04, 513/18, A61K 31/437, 31/439, A61P 3/00, 25/00, 29/00, 17/00

(11) WO 2004/043968 (13) A1

(21) PCT/EP2003/012707

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226602.1 14 Nov/nov 2002 GB (14.11.2002)

(30) 0226616.1 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • N-SULFONYLAMINOTHIAZOLE

• N-SULFONYLAMINOTHIAZOLE

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, 4056 Basel (CH).
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(71) NOVARTIS PHARMA GMBH [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) SCHREINER, Erwin, Paul [AT/AT]; Anton Baumgartner Strasse 125/4/02, A-1230 Vienna (AT).

(74) GRUBB, Philip; Novartis AG, Corporate Intellectual Property, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NI NO NZ OM PG PH PL PT RO RU SC SE SG SK SY TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C07F 7/18

(11) WO 2004/043969 (13) A1

(21) PCT/US2003/033063

(22) 17 Oct/oct 2003 (17.10.2003)

(25) en (26) en

(30) 10/293,841 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF MAKING SULFUR CONTAINING ORGANOSILICON COMPOUNDS

• METHODE DE PRODUCTION DE COMPOSES ORGANOSILICIQUES SULFURES

(71) DOW CORNING CORPORATION [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
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(72, 75) BUESING, Chad [US/US]; 6125 Eastman Avenue #7A, Midland, Michigan 48640 (US). GOHNDRONE, John [US/US]; 2304 Parkwood Drive, Midland, MI 48642 (US).

(74) DECESARE, James; Patent Department - MS CO1232, Down Corning Corporation, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07F 9/24, 9/54, 9/6506, 9/59, 9/72, 9/6539, A61K 9/127, C12N 15/87

(11) WO 2004/043970 (13) A1

(21) PCT/FR2003/050116

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02/14044 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL LIPOPHILIC COMPOUNDS AND USES THEREOF
• NOUVEAUX COMPOSES LIPOPHILES ET LEURS UTILISATIONS

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) [FR/FR]; 3, rue Michel Ange, F-75794 Paris cedex 16 (FR). INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR). UNIVERSITE DE BRETAGNE OCCIDENTALE [FR/FR]; 3, rue des Archives, F-29200 Brest (FR). CENTRE HOSPITALIER UNIVERSITAIRE DE BREST [FR/FR]; CHU de Brest, 5, avenue Foch, F-29200 Brest (FR).

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(72, 75) DES ABBAYES, Hervé [FR/FR]; 3, rue de l'Eglise, F-29200 Brest (FR). YAOUANC, Jean-Jacques [FR/FR]; 3, le Clos de Trégana, F-29280 Locmaria Plouzane (FR). CLEMENT, Jean-Claude [FR/FR]; 7, castel-Huel, F-29870 Coat-Meal (FR). LE NY, Karine [FR/FR]; 1, rue Poullaouec, F-29200 Brest (FR). FEREC, Claude [FR/FR]; Rue de la Fontaine Blanche, F-29200 Brest (FR). MONTIER, Tristan [FR/FR]; 26, rue Coat Ar Guelen, F-29200 Brest (FR). DELEPINE, Pascal [FR/FR]; 23bis, rue de Kermaria, F-29200 Brest (FR).

(74) CATHERINE, Alain et al. / etc.; Cabinet HARLE et PHELIP, 7, rue de Madrid, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU 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).

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(51)⁷ C07F 9/30

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(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226550.2 14 Nov/nov 2002 GB
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHOSPHINIC ACID ANALOGS OF
GLUTAMATE

• ANALOGUES DE L'ACIDE PHOSPHI-
NIQUE DU GLUTAMATE

(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) SCHRÖDER, Fridtjof [DE/CH];
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NATSCH, Andreas [CH/CH]; Kleindorfs-
strasse 44, CH-8707 Uetikon (CH).

(74) McSTEAL, John, Anthony; Givaudan
Schweiz AG, Global Patents, Überland-
strasse 138, CH-8600 Dübendorf (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 NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ C07F 9/6561, A61K 31/675, A61P 31/12

(11) WO 2004/043972 (13) A1

(21) PCT/CN2003/000949

(22) 11 Nov/nov 2003 (11.11.2003)

(25) zh (26) zh

(30) 02148923.8 12 Nov/nov 2002 CN
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A NEW CRYSTAL FORM OF ADE-
FOVIR DIPIVOXIL AND ITS COMPO-
SITION

• NOUVELLE FORME CRISTALLINE
D'ADEFOVIR DIPIVOXIL ET SA COM-
POSITION

(71) TIANJIN KINSLEY PHARMACEUTI-
CAL CO., LTD. [CN/CN]; No. 1 Liaohe
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District, Tianjin 300402 (CN).

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les États désignés sauf US)

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LU, Xinbo [CN/CN]; No. 1 Liaohe Dong
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trict, Tianjin 300402 (CN). LIU, Qinxuan
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(74) CCPIT PATENT AND TRADEMARK
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ C07F 9/6561, 19/00, C07D 205/08, C07F
7/18 // 7/18, C07D 477/00, 477/04

(11) WO 2004/043973 (13) A1

(21) PCT/JP2003/014419

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330127 13 Nov/nov 2002 JP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL INTERMEDIATE FOR CAR-
BAPENEM COMPOUND FOR ORAL
ADMINISTRATION AND PROCESS
FOR PRODUCING THE SAME

• NOUVEL INTERMEDIAIRE POUR
COMPOSE DE CARBAPENEM DES-
TINE A UNE ADMINISTRATION PAR
VOIE ORALE, ET SA METHODE DE
PRODUCTION

(71) KANEKA CORPORATION [JP/JP]; 2-4,
Nakanoshima 3-chome, Kita-ku, Osaka-shi,
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(72, 75) NISHINO, Keita [JP/JP]; c/o KANEKA
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Hyogo 676-8688 (JP). KOGA, Teruyoshi
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cho, Takasago-shi, Hyogo 676-8688 (JP).

(74) YASUTOMI, Yasuo et al. / etc.; Chuo
BLDG., 4-20, Nishinakajima 5-chome, Yo-
dogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ C07F 15/00

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(21) PCT/JP2003/014192

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 2002-328823 12 Nov/nov 2002 JP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRODUCTION OF IRIDIUM COM-
PLEXES

• PRODUCTION DE COMPLEXES D'IRI-
DIUM

(71) TAKASAGO INTERNATIONAL COR-
PORATION [JP/JP]; 37-1, Kamata 5-chome,
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(72, 75) NAKAYAMA, Yuji [JP/JP]; c/o Cen-
tral Research Laboratory of TAKASAGO
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gawa 254-0073 (JP). MATSUSHIMA,
Yoshimasa [JP/JP]; c/o Central Re-
search Laboratory of TAKASAGO IN-
TERNATIONAL CORPORATION, 4-11,
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Central Research Laboratory of TAKASAGO
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gawa 254-0073 (JP).

(74) SAEKI, Norio; 9th floor, Taka-ai Building,
15-2, Nihonbashi 3-chome, Chuo-ku, Tokyo
103-0027 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU

- MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07F 15/00, C07D 211/76, 241/12, 241/18, 265/30, 295/02, A61K 31/496, 31/535, A61P 35/00
- (11) WO 2004/043975 (13) A1
- (21) PCT/RU2002/000495
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) ru (26) ru
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PALLADIUM COMPLEXES WITH HETEROCYCLIC LIGANDS
• COMPLEXES DU PALLADIUM CONTENANT DES LIGANDS HÉTÉROCYCLIQUES
- (71) ZAKRYTOE AKTSIONERNOE OBSHESTVO "ASGL-FARMATSEVITCHESKIE INNOVATSIH" [RU/RU]; Bolshoi pr-t, P.S., 77, lit. A, St.Petersburg, 197022 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) EFIMENKO, Inessa Alexandrovna [RU/RU]; ul. Udaltsova, 28-27, Moscow, 119454 (RU). IVANOVA, Nina Alexandrovna [RU/RU]; ul. Nakhimova, 6-90, Khimki, 141406 (RU). LOKSHIN, Boris Veniaminovich [RU/RU]; ul. Ak. Vargi, 2-193, Moscow, 117133 (RU).
- (81) AU BY CA CN CZ EE HU IL JP KR NO PL RU SK UA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
- (51)⁷ C07H
- (11) WO 2004/043976 (13) A2
- (21) PCT/IB2003/004893
- (22) 31 Oct/oct 2003 (31.10.2003)
- (25) en (26) en
- (30) 60/425,581 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MKK7GAMMA1 NUCLEIC ACIDS AND POLYPEPTIDES
• ACIDES NUCLEIQUES ET POLYPEPTIDES MKK7GAMMA1
- (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) MICHAEL, Laura, Elizabeth-Bernick [US/US]; Pfizer Global Research and Development, Ann Arbor Laboratories, 2800 Plymouth Road, Ann Arbor, MI 48105 (US).
- (74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 201 Tabor Road, Morris Plains, NJ 07950 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07H
- (11) WO 2004/043978 (13) A2
- (21) PCT/US2003/034906
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) en (26) en
- (30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)
- (30) 60/503,521 16 Sep/sep 2003 US (16.09.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • 2'-FLUORO SUBSTITUTED OLIGOMERIC COMPOUNDS AND COMPOSITIONS FOR USE IN GENE MODULATIONS
• COMPOSES OLIGOMERES SUBSTITUES PAR FLUORO EN POSITION 2' ET COMPOSITIONS A UTILISER DANS DES MODULATIONS GÉNÉRIQUES
- (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) PRAKUSH, Thazha, P. [IN/US]; 6928 Pear Tree Drive, Carlsbad, CA 92009 (US). BAKER, Brenda, F. [US/US]; 2147 Avenida Toronga, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, #252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard, H. [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piraqua Street, Carlsbad, CA 92009 (US).
- (74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C07H
- (11) WO 2004/043979 (13) A2
- (21) PCT/US2003/035061
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) en (26) en
- (30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SUGAR SURROGATE-CONTAINING OLIGOMERIC COMPOUNDS AND COMPOSITIONS FOR USE IN GENE MODULATION
• COMPOSES OLIGOMERES CONTENANT UN SUBSTITUT DE SUCRE ET

COMPOSITIONS A UTILISER DANS
LA MODULATION GENIQUE

(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) **BAKER, Brenda, F.** [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). **ELDRUP, Anne, B.** [DK/US]; 1190 Encinitas Blvd. #252, Encinitas, CA 92024 (US). **MANOHARAN, Muthiah** [US/US]; 25 Circle Drive, Weston, MA 02493 (US). **BHAT, Balkrishen** [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). **GRIFEY, Richard** [US/US]; 360 Barsby Street, Vista, CA 92084 (US). **SWAYZE, Eric, E.** [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). **CROOKE, Stanley, T.** [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US).

(74) **CALDWELL, John, W.** et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07H

(11) **WO 2004/043980** (13) A2

(21) PCT/US2003/035672

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 60/424,784 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • BGL6 BETA-GLUCOSIDASE AND NUCLEIC ACIDS ENCODING THE SAME
• BETA GLUCOSIDASE BGL6 ET ACIDES NUCLEIQUES CODANT CELLE-CI

(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) **DUNN-COLEMAN, Nigel** [US/US]; 142 Johnson Avenue, Los Gatos, CA 95032 (US). **WARD, Michael** [GB/US]; 4372 24th Street, San Francisco, CA 94114 (US).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07H

(11) **WO 2004/043981** (13) A2

(21) PCT/US2003/035867

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 10/290,072 **6 Nov/nov 2002 (06.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • NUCLEIC ACIDS AND PROTEINS WITH THIOREDOXIN REDUCTASE ACTIVITY

• ACIDES NUCLEIQUES ET PROTEINES A ACTIVITE THIOREDOXINE REDUCTASE

(63) US 10/290,072 (CON)
6 Nov/nov 2002 (06.11.2002)

(71) **XENCOR** [US/US]; 111 West Lemon Avenue, Monrovia, CA 91016 (US). **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) **BRIGGS, Steven, P.** [US/US]; 2454 Mango Way, Del Mar, CA 92014 (US). **DALMIA, Bipin, K.** [IN/US]; 7353 Mannix Court, San Diego, CA 92129 (US). **DEL VAL, Greg** [CH/US]; 5727 Erlanger Street, San Diego, CA 92122 (US). **DESJARLAIS, John, R.** [US/US]; 2096 Crary Street, Pasadena, CA 91104 (US). **LUGINBUHL, Peter** [US/US]; 13567 Jadestone Way, San Diego, CA 92130 (US). **MUCHHAL, Umesh** [IN/US]; 220 W. Lemon Avenue, Monrovia, CA 91016 (US).

(74) **SILVA, Robin, M.** et al. / etc.; Dorsey & Whitney LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC

SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C07H 15/18

(11) **WO 2004/043982** (13) A2

(21) PCT/FR2003/003335

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) fr (26) fr

(30) 02/14078 **8 Nov/nov 2002 (08.11.2002)** FR

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL AMIPHILIC DERIVATIVES OF ALPHA-C-PHENYL N-TERT-BUTYL NITRONE

• NOUVEAUX DERIVES AMPHIPHILES DE L'ALPHA-C-PHENYL-N-TERT-BUTYL NITRONE

(71) **TS PHARMA** [FR/FR]; 830 Chemin de Vergon, F-13510 Eguilles (FR). **UNIVERSITE D'AVIGNON ET DES PAYS DU VAUCLUSE** [FR/FR]; 74 rue Louis Pasteur, F-84029 Avignon Cedex 1 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DURAND, Grégory** [FR/FR]; 12 avenue Louis Pasteur, F-30401 Villeneuve Lez Avignon Cedex (FR). **POLIDORI, Ange** [FR/FR]; 16D, avenue de la Synagogue, F-84000 Avignon (FR). **PUCCI, Bernard** [FR/FR]; 12 avenue des Alpilles, F-13940 Molleges (FR).

(74) **ORES, Béatrice et al.** / etc.; Cabinet Ores, 36 rue de Saint Petersburg, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07H 17/07, A61K 31/70, A61P 9/00

(11) **WO 2004/043983** (13) A1

(21) PCT/FR2003/003313

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) fr (26) fr

(30) 02/13922 **7 Nov/nov 2002 (07.11.2002)** FR

(43) 27 May/mai 2004 (27.05.2004)

(54) • 4-METHYL-2-OXO-2H-1-BENZOPYRAN-7YL 5-THIO-BETA-D-XYLOPYRANOSIDE DERIVATIVE, METHOD FOR PREPARING SAME AND PHARMACEUTICAL COMPOSITION CONTAINING SAME

- DERIVE DU 4-METHYL-2-OXO-2H-1-BENZOPYRAN-7YL 5-THIO-BETA-D-XYLOPYRANOSIDE, SON PROCEDE DE PREPARATION ET COMPOSITION PHARMACEUTIQUE LE CONTENANT
- (71) LABORATOIRES FOURNIER S.A. [FR/FR]; 42 rue de Longvic, F-21300 Chenove (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARBEROUSSE, Véronique [FR/FR]; 13 rue de la Ruellotte, F-21121 Hauteville les Dijon (FR). RATEL, Philippe [FR/FR]; 27 rue des Marronniers, F-21121 Ahuy (FR).
- (74) NEVANT, Marc 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07H 17/08, 17/00, A61K 31/7048, A61P 31/04
- (11) WO 2004/043984 (13) A1
- (21) PCT/HR2003/000057
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) P20020886A 11 Nov/nov 2002 HR (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SUBSTITUTED 9A-N-[N'-(BENZENESULFONYL)CARBAMOYL-Y-AMINOPROPYL]AND 9A-N-[N'-(B-CYANETHYL)-N'-(BENZENESULFONYL)CARBAMOYL-Y-AMINO-PROPYL]DERIVATIVES OF 9-DE- OXO-9-DIHYDRO-9A-AZA-9A-HO- MOERITHROMYCIN A AND 5-0-DES- OSAMINYL-9-DEOXO-9-DIHY- DRO-9A-AZA-HOMOERITHRONO- LIDE A
- DERIVES DE 9-DESOXO-9-DI- HYDRO-9A-AZA-9A-HOMOERI- THROMYCINE A ET DE 5-0-DE- SOSAMINYL-9-DESOXO-9-DIHY- DRO-9A-AZA-HOMOERITHRO- NOLIDE A SUBSTITUES PAR LE GROUPE 9A-N-[N'-(BENZENESULFONYL)CARBAMOYL-Y-AMINO- PROPYL] ET PAR LE GROUPE 9A-N-[N'-(B-CYANETHYL)-N'-(BENZE- NESULFONYL)CARBAMOYL-Y-AMI- NOPROPYLE]
- (71, 72) PLIVA D.D. [HR/HR]; Ulica grada Vukovara 49, HR-10000 Zagreb (HR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KUJUNDZIC, Nedjeljko [HR/HR]; Slavenskog 4, HR-10000 Zagreb (HR).
- BUKVIC KRAJACIC, Mirjana [HR/HR]; Tjardoviceva 28, HR-10000 Zagreb (HR).
BRAJSA, Karmen [HR/HR]; Jablanska 42, HR-10000 Zagreb (HR).
- (74) PLIVA D.D.; Pravni Poslovi-Intelektualno vlasništvo, Povrzenic, Nives, Ulica grada Vukovara 49, HR-10000 Zagreb (HR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C07J 1/00, 21/00
- (11) WO 2004/043986 (13) A1
- (21) PCT/US2003/007284
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/424,488 7 Nov/nov 2002 US (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PROCESSES FOR PREPARING C-7 SUBSTITUTED 5-ANDROSTENES
- PROCEDES DE PREPARATION DE 5-ANDROSTENES SUBSTITUES EN C-7
- (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) WUTS, Peter, GM [US/US]; 8835 Pine Island Court, N., Mattawan, MI 49071 (US).
- (74) ENGELMANN, John, H.; Global Intellec- tual Property, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 1/00, 71/00
- (11) WO 2004/043987 (13) A1
- (21) PCT/US2003/007285
- (22) 21 Mar/mar 2003 (21.03.2003)
- (25) en (26) en
- (30) 60/424,102 6 Nov/nov 2002 US (06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PROCESSES FOR PREPARING 7-CAR- BOXY SUBSTITUTED STEROIDS
- PROCEDES POUR PREPARER DES STEROIDES SUBSTITUES PAR CAR- BOXY EN POSITION 7
- (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) WUTS, Peter, G., M. [US/US]; 8835 Pine Island Court, N., Mattawan, MI 49071 (US).

- (74) ENGELMANN, John, H.; Global Intellectual Property, Pharmacia & Upjohn Company, 301 Henrietta Street, Kalamazoo, MI 49001 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043988 (13) A2

(21) PCT/EP2003/012638

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) MI2002A002412 14 Nov/nov 2002 IT (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PTPRK IMMUNOGENIC PEPTIDE

- PEPTIDE IMMUNOGENE ISSU DE LA PROTEINE PTPRK

(71) ISTITUTO NAZIONALE PER LO STUDIO E LA CURA DEI TUMORI [IT/IT]; Via Venezian, 1, I-20133 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CASTELLI, Chiara [IT/IT]; Via Venezia, 1, I-20133 Milano (IT). PARMIANI, Giorgio [IT/IT]; Via Venezia, 1, I-20133 Milano (IT).

(74) BANFI, Paolo et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07K

(11) WO 2004/043989 (13) A2

(21) PCT/US2003/035464

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,803 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HUMAN MONOCLONAL ANTIBODIES TO HEPARANASE

- ANTICORPS MONOCLONAUX HUMAINS DIRIGES CONTRE L'HEPARANASE

(71) MEDAREX, INC. [US/US]; 707 State Road, Princeton, NJ 08540 (US). CELLTECH R & D [GB/GB]; 208 Bath Road, Slough SL1 3WE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HUANG, Haichun [US/US]; 2425 Sueno Way, Fremont, CA 94539 (US). HOLMES, Steven [GB/GB]; Oxford Glycosciences, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB). MASON, Sean [GB/GB]; Oxford Glycosciences, The Forum, 86 Milton Park, Abingdon, Oxfordshire OX14 4RY (GB).

(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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043990 (13) A2

(21) PCT/US2003/035538

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,442 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HUMAN STEM CELL MATERIALS AND METHODS

- MATERIELS A BASE DE CELLULES SOUCHES HUMAINES ET PROCEDES CORRESPONDANT

(71) UNIVERSITY OF CHICAGO [US/US]; 5640 South Ellis Avenue, Chicago, IL 60637 (US).

(72) HUBERMAN, Eliezer; 1550 North State Parkway, Apt. #1W, Chicago, IL 60610 (US). ZHAO, Yong; 14A Kingery Quarter, Apt. 203, Hinsdale, IL 60521 (US).

(74) ZELLER, James, P. et al. / etc.; Marshall, Gerstein & Borun LLP, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (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 C07K

(11) WO 2004/043991 (13) A2

(21) PCT/US2003/035608

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en

(26) en

(30) 60/425,662 13 Nov/nov 2002 US (13.11.2002)

(30) 60/466,214 28 Apr/avr 2003 US (28.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ASSAY FOR TISSUE FACTOR AND FACTOR VIIA

- DOSAGE BIOLOGIQUE PERMETTANT DE RECHERCHER UN FACTEUR TISSULAIRE ET UN FACTEUR VIIA

(71) HAEMATOLOGIC TECHNOLOGIES, INC. [US/US]; 27 River Road, Unit 1021, Essex Junction, VT 05452 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JENNY, Richard, J. [US/US]; 31 Brigham Hill Lane, Essex Junction, VT 05452 (US). BUTENAS, Saulius [LT/US]; 76 Oakwood Drive, South Burlington, VT 05403 (US).

(74) SARUSSI, Steven, J.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/043992 (13) A2

(21) PCT/US2003/035957

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/424,852 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMAGING PROTEIN-PROTEIN INTERACTIONS IN LIVING SUBJECTS

- IMAGERIE D'INTERACTIONS PROTEINE-PROTEINE CHEZ DES SUJETS VIVANTS

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; (OIPA) Wilshire Center, Suite 1200, 10920 Wilshire Boulevard, Los Angeles, CA 90024-1406 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) GAMBHIR, Sanjiv, Sam [US/US]; 395 Golden Hills Drive, Portola Valley, CA 94025 (US).

(74) BONNER, Cynthia, A.; Christie, Parker & Hale LLP, Post Office Box 7068, Pasadena, CA 91109-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2/00

(11) WO 2004/043993 (13) A2

(21) PCT/FR2003/003336

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02/14077 8 Nov/nov 2002 FR
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL AMIPHILIC FLUOROCAR-
BON MOLECULAR VECTORS FOR
BIOMEDICAL AND MEDICAL USE

• NOUVEAUX VECTEURS MOLEC-
LAIRES AMPHIPHILES FLUOROCAR-
BONES A USAGE BIOMEDICAL ET
MEDICAL

(71) TS PHARMA [FR/FR]; 830 Chemin de
Vergon, F-13510 Eguilles (FR). UNIVER-
SITE D'AVIGNON ET DES PAYS DU
VAUCLUSE [FR/FR]; 74 rue Louis Pasteur,
F-84029 Avignon Cedex 1 (FR).

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les États désignés sauf US)

(72, 75) PUCCI, Bernard [FR/FR]; 12 av-
enue des Alpilles, F-13940 Molleges (FR).
POLIDORI, Ange [FR/FR]; 16D avenue
de la Synagogue, F-84000 Avignon (FR).
CONTINO-PEPIN, Christiane [FR/FR];
10 lotissement "La Garance", F-84210 Al-
then Des Paluds (FR). DURAND, Grégory
[FR/FR]; 12 avenue Louis Pasteur, BP 105,
F-30401 Villeneuve Lez Avignon Cedex
(FR). JASSERON, Sylvain [FR/FR]; 105
route d'Avignon, F-30650 Rochefort Du Gard
(FR). PERINO, Sandrine [FR/FR]; Chemin
de Rayalette, F-30390 Domazan (FR).

(74) ORES, Béatrice et al. / etc.; Cabinet Ores,
36 rue de Saint Petersburg, F-75008 Paris
(FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C07K 7/23, 19/00, A61K 38/09, A61P
5/02, 15/00, 35/00

(11) WO 2004/043994 (13) A2

(21) PCT/IB2003/005008

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 0226179.0 9 Nov/nov 2002 GB
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A RETRO-INVERSO GO-
NADOTROPIN-RELEASING
HORMONE PEPTIDE AND VACCINE
COMPOSITION

• PEPTIDE DE GONADOLIBERINE RE-
TRO-INVERSO ET COMPOSITION
VACCINALE

(71) SHIMODA BIOTECH [ZA/ZA]; 152 Cape
Road, Mill Park, 6057 Port Elizabeth (ZA).
(only for / seulement pour MC)

(71, 72) MILLAR, Robert, Peter [GB/GB]; 20A
West Bay Road, North Berwick, Scotland
EH39 4AW (GB).

(74) CLELLAND, Sandra, Luischen et al. /
etc.; Spoor and Fisher, P O Box 41312, 2024
Craighall (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG 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 C07K 14/00, 1/06

(11) WO 2004/043995 (13) A2

(21) PCT/CA2003/001744

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 2,411,786 13 Nov/nov 2002 CA
(13.11.2002)

(30) 10/326,994 24 Dec/déc 2002 US
(24.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR THE PREPARATION OF
POLYPEPTIDE 1

• PROCEDE DE PREPARATION DE PO-
LYPEPTIDE 1

(71) BRANTFORD CHEMICALS INC.
[CA/CA]; 34 Spalding Drive, Brantford,
Ontario N3T 6B8 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BEJAN, Elena [RO/CA]; 81 Kent Road,
Brantford, Ontario N3R 7W6 (CA). WEER-
ATUNGA, Gamini [CA/CA]; 29 Lynden Hill
Crescent, Brantford, Ontario N3P 1R1 (CA).
HORNE, Stephen, E. [CA/CA]; 2079 Vic-
toria Avenue, Burlington, Ontario L7R 1R5
(CA).

(74) HUGHES, Ivor, M.; Barrister & Solicitor,
Patent & Trademark Agents, Suite 200, 175
Commerce Valley Drive West, Thornhill, On-
tario L3T 7P6 (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 US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BW BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C07K 14/16

(11) WO 2004/043996 (13) A2

(21) PCT/GB2003/004897

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 0226374.7 12 Nov/nov 2002 GB
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIGANDS

• LIGANDS

(71) ISIS INNOVATION LTD [GB/GB]; Ewert
House, Ewert Place, Summertown, Oxford-
shire OX2 7SG (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) JAMES, William [GB/GB]; Sir William
Dunn School of Pathology, University of Ox-
ford, South Parks Road OX1 3RE (GB).

(74) CHAPMAN, Paul, William et al. / etc.; Kil-
burn & 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 ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C07K 14/195, C12N 15/62, C07K 1/14

(11) WO 2004/043997 (13) A2

(21) PCT/IL2003/000956

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,295 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHIMERIC AUTOPROCESSING
POLYPEPTIDES AND USES THEREOF
• POLYPEPTIDES CHIMERES A AUTO-
TRAITEMENT ET LEURS UTILISA-
TIONS

(71) YEDA RESEARCH AND DEVELOP-
MENT CO. LTD. [IL/IL]; at the Weizmann
Institute of Science, P.O. Box 95, 76 100
Rehovot (IL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) PIETROKOVSKI, Shmuel [IL/IL]; 12
Neve Metz, 76 100 Rehovot (IL). AMITAI,
Gil [IL/IL]; 11 Aharoni Street, 76 281 Re-
hovot (IL).

(74) G. E. EHRlich (1995) LTD.; 11 Men-
achem Begin Street, 52521 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 (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT 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 15/00, 15/10

(11) WO 2004/043998 (13) A1

(21) PCT/GB2002/005167

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • THERAPEUTIC MODULATION OF
CHEMOKINES USING A HELMINTH
PARASITE CHEMOKINE-BINDING
PROTEIN

• MODULATION THERAPEUTIQUE
DES CHIMIOKINES AU MOYEN
D'UNE PROTEINE DE LIAISON DE
LA CHIMIOKINE PARASITE DE HEL-
MINTH

(71) CAMBRIDGE UNIVERSITY TECH-
NICAL SERVICES LIMITED [GB/GB];
The Old Schools, Trinity Lane, Cambridge,
Cambridgeshire CB2 1TS (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FALLON, Padraic [IE/IE]; Depart-
ment of Biochemistry, Trinity College, D2
Dublin (IE). SMITH, Philip [GB/IE]; De-
partment of Biochemistry, Trinity College,
D2 Dublin (IE). ALCAMI, Antonio Depart-
ment of Medicine [ES/GB]; University of
Cambridge, Addenbrooke's Hospital, Level
5, Box 157, Hills Road, Cambridge, Cam-
bridgeshire CB2 2QQ (GB).

(74) WALTON, Sean, M. et al. / etc.; Mew-
burn Ellis, York House, 23 Kingsway, Lon-
don, Greater London WC2B 6HP (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/47

(11) WO 2004/043999 (13) A2

(21) PCT/CA2003/001716

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,601 12 Nov/nov 2002 US
(12.11.2002)

(30) 60/502,453 12 Sep/sep 2003 US
(12.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HSAN II RELATED GENE AND EX-
PRESSION PRODUCTS AND USES
THEREOF

• GENE APPARENTE AU HSAN II, SES
PRODUITS D'EXPRESSION, ET SES
UTILISATIONS

(71) XENON GENETICS INC. [CA/CA]; 3650
Gilmore Way, Burnaby, British Columbia
V5G 4W8 (CA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAFRENIERE, Ronald, G. [CA/CA];
1264 Osborne Avenue, Verdun, Québec H4H
1X5 (CA). DUBÉ, Marie-Pierre [CA/CA];
4831 Hutchison Street, Montreal, Québec
H2V 4A4 (CA). MACDONALD, Marcia,
L. [CA/CA]; 102-1345 West 13th Avenue,
Vancouver, British Columbia V6H 1N7 (CA).
SAMUELS, Mark [US/CA]; 2743 West 37th

Avenue, Vancouver, British Columbia V6N
2T5 (CA).

(74) MBM & CO.; P.O. Box 809, Station B, Ot-
tawa, Ontario K1P 5P9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C07K 14/47

(11) WO 2004/044000 (13) A2

(21) PCT/CA2003/001746

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 60/426,194 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOUNDS AND METHODS FOR
MODULATING FUNCTIONS OF CLAS-
SICAL CADHERINS

• COMPOSES ET PROCEDES DE MO-
DULATION DE FONCTIONS DE CAD-
HERINES CLASSIQUES

(71) ADHEREX TECHNOLOGIES, INC.
[CA/CA]; Suite 220, 600 Peter Morand Cres-
cent, Ottawa, Ontario K1G 5Z3 (CA).

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les États désignés sauf US)

(72, 75) BLASCHUK, Orest, W. [CA/CA];
Suite 1520, 4998 de Maisonneuve West,
Westmount, Quebec H3Z 1N2 (CA).
MICHAUD, Stephanie, Denise [CA/CA];
229 rue Gamelin, Hull, Quebec J8Y 1W5
(CA).

(74) DE KOCK, Elbie, R.; Russell Reyneke,
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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ C07K 14/47

(11) WO 2004/044001 (13) A2

(21) PCT/IB2003/005718

(22) 11 Nov/nov 2003 (11.11.2003)

- (25) en (26) en
(30) 0226251.7 11 Nov/nov 2002 GB
(11.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ACETYLATED PROTEIN
• PROTEINE ACETYLEE
(71) FONDAZIONE CENTRO SAN RAFFAELE DEL MONTE TABOR [IT/IT]; Via Olgettina, 60, I-20132 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BIANCHI, Marco, E. [IT/IT]; c/o San Raffaele H Scientific Institute, Via Olgettina 58, I-20132 Milano (IT).
(74) MALLALIEU, Catherine, Louise et al. / etc.; D Young & Co, 21 New Fetter Lane, London EC4A 1DA (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07K 14/61, C12Q 1/68
(11) WO 2004/044002 (13) A1
(21) PCT/GB2003/004775
(22) 4 Nov/nov 2003 (04.11.2003)
(25) en (26) en
(30) 0226441.4 12 Nov/nov 2002 GB
(12.11.2002)
(30) PCT/GB02/05112 12 Nov/nov 2002 GB
(12.11.2002)
(30) 0308242.7 10 Apr/avr 2003 GB
(10.04.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • GROWTH HORMONE VARIATIONS IN HUMANS AND ITS USES
• VARIATION DE L'HORMONE DE CROISSANCE CHEZ L'HOMME ET UTILISATIONS
(71) UNIVERSITY OF WALES COLLEGE OF MEDICINE [GB/GB]; Heath Park, Cardiff CF4 4XN (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) COOPER, David, Neil [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). PROCTER, Anne, Marie [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). GREGORY, John [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). MILLAR, David, Stuart [GB/GB]; Department of Medical

- Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). LEWIS, Mark [GB/GB]; Department of Medical Genetics, University of Wales College of Medicine, Heath Park, Cardiff CF14 4XN (GB). ULIED, Angeles [ES/ES]; Pharmacia Spain S.A., Carretera de Rubi 90-100, ES-08190 San Cugat de Valles, Barcelona (ES).
(74) FYLES, Julie, Marie et al. / etc.; Wynne-Jones Laine & James, Morgan Arcade Chambers, 33 St Mary Street, Cardiff CF10 1AF (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C07K 14/705, C12N 15/86, 5/06, A01K 67/027

- (11) WO 2004/044003 (13) A2
(21) PCT/EP2003/012325
(22) 5 Nov/nov 2003 (05.11.2003)
(25) en (26) en
(30) 02025161.7 11 Nov/nov 2002 EP
(11.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • USE OF EDG2 RECEPTOR IN AN ANIMAL MODEL OF HEART FAILURE
• UTILISATION DU RECEPTEUR DE EDG-2 DANS UN MODELE ANIMAL D'INSUFFISANCE CARDIAQUE
(71) AVENTIS PHARMA DEUTSCHLAND GMBH [DE/DE]; Brüningstrasse 50, 65929 Frankfurt (DE).
(72) KOSTENIS, Evi; Langwiesenweg 29, 36323 Grebenau (DE). WOHLFART, Paulus; Bertolt-Brecht-Ring 16c, 64625 Bensheim (DE). HUBER, Jochen; Speyererstrasse 3, 67133 Maxdorf (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07K 14/705, C12N 15/10

- (11) WO 2004/044004 (13) A2
(21) PCT/GB2003/004636

- (22) 30 Oct/oct 2003 (30.10.2003)
(25) en (26) en
(30) 0226227.7 9 Nov/nov 2002 GB
(09.11.2002)
(30) 0301814.0 25 Jan/jan 2003 GB
(25.01.2003)
(30) 0304067.2 22 Feb/fév 2003 GB
(22.02.2003)
(30) 60/463,046 16 Apr/avr 2003 US
(16.04.2003)
(30) 0311397.4 16 May/mai 2003 GB
(16.05.2003)
(30) 0316356.5 11 Jul/juil 2003 GB
(11.07.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • T CELL RECEPTOR DISPLAY
• PRESENTATION DE RECEPTEURS POUR L'ANTIGENE DES LYMPHOCYTES T
(71) AVIDEX LIMITED [GB/GB]; 57C Milton Park, Abingdon, Oxfordshire OX14 4RX (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) JAKOBSEN, Bent, Karsten [DK/GB]; Avidex Limited, 57 C Milton Park, Abingdon, Oxfordshire OX14 4RX (GB). ANDERSEN, Torben, Bent [DK/GB]; Avidex Limited, 57 C Milton Park, Abingdon, Oxfordshire OX14 4RX (GB). MOLLOY, Peter, Eamon [IE/GB]; Avidex Limited, 57 C Milton Park, Abingdon, Oxfordshire OX14 4RX (GB). LI, Yi [CN/GB]; Avidex Limited, 57 C Milton Park, Abingdon, Oxfordshire OX14 4RX (GB). BOULTER, Jonathan, Michael [GB/GB]; Avidex Limited, 57c Milton Park, Abingdon, Oxfordshire OX14 4RG (GB).
(74) WALLS, Alan, J.; Avidex Limited, 57 C Milton Park, Abingdon, Oxfordshire OX14 4RX (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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 C07K 16/28, 7/00, G01N 33/53, C12P 21/08 // C12N 15/06
(11) WO 2004/044005 (13) A1
(21) PCT/JP2003/014389
(22) 12 Nov/nov 2003 (12.11.2003)
(25) ja (26) ja
(30) 2002/328866 12 Nov/nov 2002 JP
(12.11.2002)
(30) 2003/330775 22 Sep/sep 2003 JP
(22.09.2003)
(43) 27 May/mai 2004 (27.05.2004)

(54) • KIT FOR ASSAYING HUMAN LOW-MOLECULAR WEIGHT CD14 AND ANTIBODY

• TROUSSE D'ANALYSE DE CD14 HUMAIN DE FAIBLE POIDS MOLECULAIRE ET ANTICORPS ASSOCIE

(71) MOCHIDA PHARMACEUTICAL CO., LTD. [JP/JP]; 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP).

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(72, 75) FURUSAKO, Shouji [JP/JP]; c/o. MOCHIDA PHARMACEUTICAL CO., LTD., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). SHIRAKAWA, Kamon [JP/JP]; c/o. MOCHIDA PHARMACEUTICAL CO., LTD., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP).

(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C07K 17/00, A61K 47/48, A61P 29/00, 37/02 // C07K 14/54

(11) WO 2004/044006 (13) A1

(21) PCT/DK2003/000774

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 60/426,682 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONJUGATES OF INTERLEUKIN-10 AND POLYMERS

• CONJUGUES DE L'INTERLEUKINE-10 ET DE POLYMERES

(71) MAXYGEN, INC. [US/US]; 515 Galveston Drive, Redwood City, CA 94063 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JONES, Jennifer, T. [US/US]; 163 Oakfield Avenue, Redwood City, CA 94061 (US). NISSEN, Torben, Lauesgaard [DK/US]; 3511a 23rd Street, San Francisco, CA 94110 (US). KREBBER, Claus, M. [DE/US]; 946 Van Auken Circle, Palo Alto, CA 94303 (US). ANDERSEN, Kim, Vilbour [DK/DK]; Karlstads Allé 7, DK-2700 Bronshøj (DK).

(74) MAXYGEN ApS; Agern Allé 1, DK-2970 Hørsholm (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C07K 19/00, C12N 12/67

(11) WO 2004/044007 (13) A1

(21) PCT/AU2003/001491

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 2002952591 12 Nov/nov 2002 AU (12.11.2002)

(30) 2003901107 12 Mar/mar 2003 AU (12.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRODUCTION OF UBIQUITIN FUSION PROTEINS

• PRODUCTION DE PROTEINE HYBRIDES D'UBIQUITINE

(71) BRESAGEN LIMITED [AU/AU]; P.O. Box 259 Rundle Mall, Adelaide, S.A. 5000 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BASTIRAS, Stan [AU/AU]; 21 Bonython Close, Adelaide, S.A. 5000 (AU). GUIDOLIN, Angelo [AU/AU]; 31 Oxeneould Street, Parkside, S.A. 5063 (AU). GIANNAKIS, Chris [AU/AU]; 22 Kitchen Street, Kilburn, S.A. 5084 (AU).

(74) LA FONTAINE, Gerard; P.O. Box 259 Rundle Mall, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

(11) WO 2004/044008 (13) A1

(21) PCT/KR2003/002425

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ko (26) en

(30) 10-2002-0070106 12 Nov/nov 2002 KR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DNA/RNA TRANSDUCTION TECHNOLOGY AND ITS CLINICAL AND BASIC APPLICATIONS

• TECHNIQUE DE TRANSDUCTION D'ADN/ARN AINSI QUE SES APPLICATIONS CLINIQUES ET DE BASE

(71) FORHUMANTECH CO., LTD. [KR/KR]; 316, Venture Incubator Center, Energy Efficiency Research Department, 71-2, Jang-dong, Yuseong-gu, 305-343 Daejeon (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Sang-Kyu [KR/KR]; 2-503 Hangang Apt., Jamwon-dong, Seocho-gu, 137-798 Seoul (KR). LEE, Seung-Kyu [KR/KR]; 110-501 Lucky Hana Apt., Sinsong-dong, Yuseong-gu, 305-721 Daejeon (KR). CHAE, Wook-Jin [KR/KR]; C-502 Sujung Apt., Yeouido-dong, Yeongdeungpo-gu, 150-895 Seoul (KR). CHOI, Je-Min [KR/KR]; 305, 220-34 Yeonhui 1-dong, Seodaemun-gu, 120-828 Seoul (KR). YANG, Jung-Jin [KR/KR]; 2-503 Hangang Apt., Jamwon-dong, Seocho-gu, 137-798 Seoul (KR).

(74) NAM, Sang-Sun; 9th Fl., Maekyung Media Center, 30, 1-ga, Pil-dong, Jung-ku, 100-728 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044009 (13) A1

(21) PCT/US2003/035960

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,809 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ISOLATING CHONDROITIN SULFATE
• ISOLEMENT DE SULFATE DE CHONDROITINE

(63) US 60/425.809 (CON) 13 Nov/nov 2002 (13.11.2002)

(71) CARGILL, INCORPORATED [US/US]; P.O. Box 5624, Minneapolis, MN 55440-5624 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KHARE, Anil, B. [US/US]; 5222 Unity Court, Crystal, MN 55429 (US).

(74) ANDERSON, Richard, J.; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ C08F

(11) WO 2004/044010 (13) A2

(21) PCT/US2003/032016

(22) 8 Oct/oct 2003 (08.10.2003)

(25) en (26) en

(30) 10/290,122 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYNTHESIS OF POLYMERIZATION
CATALYST COMPONENTS

• SYNTHÈSE DE COMPOSANTS CATA-
LYSEURS DE POLYMERISATION

(71) UNIVATION TECHNOLOGIES, LLC
[US/US]; 5555 San Felipe, Suite 1950, Hous-
ton, TX 77056 (US).

(72) MATSUNAGA, Phillip, T.; 16403
Heatherdale Drive, Houston, TX 77059
(US).

(74) FAULKNER, Kevin, M. et al. / etc.; 5555
San Felipe, Suite 1950, Houston, TX 77056
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C08F

(11) WO 2004/044011 (13) A2

(21) PCT/US2003/035664

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/289,660 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMBINATORIAL LIBRARIES OF
MONOMER DOMAINS

• BIBLIOTHEQUES COMBINATOIRES
DE DOMAINES DE MONOMERE

(71) AVIDIA RESEARCH INSTITUTE
[US/US]; 2450 Bayshore Parkway, Mountain
View, CA 94043 (US).

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les États désignés sauf US)

(72, 75) KOLKMAN, Joost, A. [NL/US]; 2584
Cowper Street, Palo Alto, CA 94301 (US).
STEMMER, Willem, P., C. [NL/US]; 108
Kathy Court, Los Gatos, CA 95030 (US).

(74) HINSCH, Matthew, E. et al. / etc.;
Townsend And Townsend And Crew LLP,
Two Embarcadero Center, 8th Floor, San
Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C08F

(11) WO 2004/044012 (13) A1

(21) PCT/US2003/035912

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,253 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTROL OF POLYMER SURFACE
MOLECULAR ARCHITECTURE VIA
AMPHIPHILIC ENDGROUPS

• REGULATION DE L'ARCHITECTURE
MOLECULAIRE DE SURFACE POLY-
MERE AU MOYEN DE GROUPES TER-
MINAUX AMPHIPATHIQUES

(71) THE POLYMER TECHNOLOGY
GROUP INCORPORATED [US/US];
2810 7th Street, Berkeley, CA 94710 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WARD, Robert, S. [US/US]; 323 Lowell
Lane, Lafayette, CA 94549 (US). MCCREA,
Keith, R. [US/US]; 1050 Sheppard Road,
Walnut Creek, CA 94598 (US). TIAN, Yuan
[US/US]; 317 Fair Haven Road, Alameda,
CA 94501 (US).

(74) STEWART, Raymond, C.; Birch, Stewart,
Kolasch & Birch, LLP, P.O. Box 747, Falls
Church, VA 22040-0747 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ C08F 4/656, 297/08

(11) WO 2004/044013 (13) A1

(21) PCT/JP2003/014317

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-330762 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR PRODUCING PROPY-
LENE/ETHYLENE BLOCK COPOLY-
MER AND PROPYLENE/ETHYLENE
BLOCK COPOLYMER

• PROCEDE DE PRODUCTION D'UN
COPOLYMER SEQUENCE PROPY-
LENE/ETHYLENE ET COPOLYMER
SEQUENCE PROPYLENE/ETHYLENE

(71) IDEMITSU PETROCHEMICAL CO.,
LTD. [JP/JP]; 6-1, Yokoami 1-chome, Sum-
ida-ku, Tokyo 130-0015 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KANAMARU, Masami [JP/JP]; 1-1,
Anesakikaigan, Ichihara-shi, Chiba 299-0107
(JP). FUNABASHI, Hideo [JP/JP]; 1-1,
Anesakikaigan, Ichihara-shi, Chiba 299-0107
(JP).

(74) OHTANI, Tamotsu et al. / etc.; OHTANI
PATENT OFFICE, Bridgestone Toranomon
Bldg. 6F., 25-2, Toranomon 3-chome, Mi-
nato-ku, Tokyo 105-0001 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ C08F 8/00

(11) WO 2004/044014 (13) A2

(21) PCT/US2003/035836

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,642 8 Nov/nov 2002 US
(08.11.2002)

(30) 10/691,182 22 Oct/oct 2003 US
(22.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REACTION OF FLUOROPOLYMER
MELTS

• REACTION DE MELANGES FONDUS
DE FLUOROPOLYMERES

(71) E.I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).

(72) CHAPMAN, Gregory, Allen; Route 2, Box
224, Washington, WV 26181 (US). BID-
STRUP, David, E.; 102 Briarwood Place,
Parkerburg, WV 26101 (US).

(74) TOCKER, Edwin; E.I. Du Pont de Nemours
and Company, Legal Patent Records Center,
4417 Lancaster Pike, Wilmington, DE 19805
(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 C08F 8/04, 297/04

(11) WO 2004/044015 (13) A1

(21) PCT/US2003/031456

(22) 6 Oct/oct 2003 (06.10.2003)

(25) en (26) en

(30) 10/289,833 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BLOCK COPOLYMER HAVING A HARD PHASE AND A SOFT PHASE

• COPOLYMÈRE SÉQUENCÉ À PHASES DURE ET MOLLE

(71) KRATON POLYMERS RESEARCH B.V. [NL/NL]; Badhuisweg 3, 1030 BH Amsterdam (NL).

(71, 72) HANDLIN, Dale, L. [US/US]; 14211 Heatherhill Pl., Houston, TX 77077 (US). WILLIAMSON, David, T. [US/US]; 13306 Elam Drive, Glen Mills, PA 19342 (US). WILLIS, Carl, L. [US/US]; 15922 Red Willow, Houston, TX 77084 (US).

(74) VANCE, Dean, F.; Kraton Polymers U.S.LLC, 3333 Highway 6 South, Rm. CA-108, Houston, TX 77082 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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) C08F 10/00, 2/26, 4/70

(11) WO 2004/044016 (13) A2

(21) PCT/EP2003/012457

(22) 7 Nov/nov 2003 (07.11.2003)

(25) de (26) de

(30) 102 52 658.3 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AQUEOUS POLYMER DISPERSION EMANATING FROM ACTIVATED TRANSITION METAL COMPLEXES

• DISPERSIONS DE POLYMERISAT AQUEUSES A BASE DE COMPLEXES DE METAUX DE TRANSITION ACTIVÉS

(71) BASF AKTIENGESELLSCHAFT [DE/DE]; 67056 Ludwigshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PREISHUBER-PFLÜGL, Peter [AT/DE]; Otto-Dill-Str. 39, 67061 Ludwigshafen (DE). CHOWDHRY, Mubarik, Mahmood [GB/FR]; 2 Place des Bâti-liers, F-67000 Strasbourg (FR). SCHMID,

Markus [DE/DE]; Traminerweg 2, 67146 Deidesheim (DE). SAVA, Xavier [FR/DE]; N3, 3, 68161 Mannheim (DE). WEISS, Horst [DE/DE]; Woogstr. 30, 67141 Neuhofen (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 NI NO NZ OM PG PH PL PT 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 C08F 12/22, G03F 7/039

(11) WO 2004/044017 (13) A1

(21) PCT/EP2003/050793

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 02405980.0 14 Nov/nov 2002 EP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR THE PREPARATION OF HYDROXY-VINYL-AROMATIC POLYMERS OR COPOLYMERS BY ANIONIC OR CONTROLLED RADICAL POLYMERIZATION

• PROCEDE POUR LA PREPARATION DE POLYMERES OU DE COPOLYMERES HYDROXYAROMATIQUES VINyliQUES PAR POLYMERISATION ANIONIQUE OU PAR POLYMERISATION RADICALAIRE CONTROLÉE

(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) KUNIMOTO, Kazuhiko [JP/JP]; 2-27-12, Keyakizaka, Kawahishi-shi, Hyogo 666-0145 (JP). NESVADBA, Peter [CH/CH]; Route des Pralettes 83A, CH-1723 Marly (CH). KRAMER, Andreas [CH/CH]; Rue Oscar-Patthey 45, CH-3280 Meyriez (CH).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 C08F 210/02, 4/62

(11) WO 2004/044018 (13) A2

(21) PCT/US2003/033244

(22) 20 Oct/oct 2003 (20.10.2003)

(25) en (26) en

(30) 60/424,670 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR HOMO- OR COPOLYMERIZATION OF CONJUGATED DIENES AND IN SITU FORMATION OF POLYMER BLENDS AND PRODUCTS MADE THEREBY

• PROCEDE D'HOMOPOLYMERISATION OU DE COPOLYMERISATION DE DIENES CONJUGUES ET DE FORMATION <I>IN SITU</I> DE MÉLANGES POLYMERES ET PRODUITS AINSI FORMES

(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) THIELE, Sven, K.-H. [DE/DE]; Roepzigerstr. 19, Halle D-06110 (DE). WILSON, David, R. [US/US]; 1220 West Stewart Road, Midland, MI 48640 (US). KNOLL, Susanne [DE/DE]; Hirschsprung 64, Leipzig D-04249 (DE). NORD, Gerhard [DE/DE]; Am Lehmberg 36, Sennewitz D-06193 (DE). LEUKEFELD, Wilfried [DE/DE]; Hanoier Strasse 34, Halle/Saale D-06132 (DE). PISTOR, Ina [DE/DE]; Zum Burgholz 16, Halle D-06132 (DE).

(74) LELKES, Robert, S.; Dow Europe GmbH, Bachtobelstrasse 3, CH-8810 Horgen (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08F 214/18, C09D 127/12

(11) WO 2004/044019 (13) A1

(21) PCT/JP2003/014212

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) NO. 2002-329711 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WATER- AND OIL-REPELLENT COATING FILMS

• FILMS DE REVETEMENT HYDROFUGES ET OLEOFUGES

(71) KANTO DENKA KOGYO CO., LTD. [JP/JP]; 2-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIMURA, Sachiyo [JP/JP]; c/o SHIBUKAWA LABORATORY, KANTO DENKA KOGYO CO., LTD., 1497, Shibukawa-shi, Gunma 377-8513 (JP). OHBAYASHI, Nobuo [JP/JP]; c/o SHIBUKAWA LABORATORY, KANTO DENKA KOGYO CO., LTD., 1497, Shibukawa-shi, Gunma 377-8513 (JP). KATAYAMA, Mitsuhiro [JP/JP]; c/o SHIBUKAWA LABORATORY, KANTO DENKA KOGYO CO., LTD., 1497, Shibukawa-shi, Gunma 377-8513 (JP).

(74) TOMITA, Hiroyuki; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (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).

Published / Publiée : (c)

(51)⁷ C08F 220/10, 2/38, 4/00, G06F 3/033, H01B 5/14, B32B 27/30

(11) WO 2004/044020 (13) A1

(21) PCT/JP2003/014255

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-326804 11 Nov/nov 2002 JP (11.11.2002)

(30) 2003-287820 6 Aug/août 2003 JP (06.08.2003)

(30) 2003-291216 11 Aug/août 2003 JP (11.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACRYLIC RESIN, RESIN BOARDS, TRANSPARENT ELECTRODE BOARDS FOR TOUCH PANELS, TOUCH PANELS, AND PROCESSES FOR PRODUCTION OF THEM

• RESINE ACRYLIQUE, PLAQUETTES DE RESINE, PLAQUETTES D'ELECTRODES TRANSPARENTES POUR PANNEAUX TACTILES, PANNEAUX TACTILES ET PROCÉDES DE FABRICATION

(71) MITSUBISHI RAYON CO., LTD. [JP/JP]; 6-41, Konan 1-chome, Minato-ku, Tokyo 108-8506 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUGAMOTO, Hideyuki [JP/JP]; Otake Plants, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). KAWAI, Osamu [JP/JP]; Otake Plants, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP). HATAKEYAMA, Hiroki [JP/JP]; Otake Plants, Mitsubishi Rayon Co., Ltd., 20-1, Miyukicho, Otake-shi, Hiroshima 739-0693 (JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Building, 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C08F 220/18, C08L 33/06, C09J 133/06, C08G 18/00, C08F 290/06

(11) WO 2004/044021 (13) A2

(21) PCT/EP2003/012116

(22) 31 Oct/oct 2003 (31.10.2003)

(25) de (26) de

(30) 102 52 978.7 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHEMICALLY INERT CONTACT ADHESIVE HAVING IMPROVED ADHESIVE PROPERTIES, METHOD FOR THE PRODUCTION THEREOF, AND USE THEREOF

• ADHESIF DE CONTACT CHIMIQUEMENT INERTE A ADHERENCE AMELIOREE, SON PROCEDE DE PRODUCTION ET SON UTILISATION

(71) LOHMANN GMBH & CO.KG [DE/DE]; Irlicherstrasse 55, 56567 Neuwied (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ANDER, Hansjörg [DE/DE]; Gassenweg 54, 56170 Bendorf (DE). HOLL, Günter [DE/DE]; Alte Schulstrasse 19, 56593 Horhausen (DE).

(74) FLACCUS, Rolf-Dieter; Bussardweg 10, 50389 Wesseling (DE).

(81) AU CN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AU CN JP KR EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)
(u) for / pour US only / seulement

(51)⁷ C08F 290/14, C09C 3/00, C11D 3/42, D06L 3/12, D21H 21/30, C08K 3/00

(11) WO 2004/044022 (13) A1

(21) PCT/FR2003/003300

(22) 5 Nov/nov 2003 (05.11.2003)

(25) fr (26) fr

(30) 02/14000 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF A COPOLYMER HAVING AT LEAST ONE GRAFTED ALKOXY OR HYDROXY POLYALKYLENE GLYCOL FUNCTION AS AN AGENT FOR IMPROVING OPTICAL BRIGHTENING ACTIVATION, AND PRODUCTS OBTAINED

• UTILISATION D'UN COPOLYMERE DISPOSANT D'AU MOINS UNE FONCTION GREFFEE ALKOXY OU HYDROXY POLYALKYLENE GLYCOL, COMME AGENT AMELIORANT L'ACTIVATION DE L'AZURAGE OPTIQUE ET PRODUITS OBTENUS.

(71) COATEX S.A.S. [FR/FR]; 35, rue Ampère, Z.I. Lyon Nord, F-69730 Genay (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DUPONT, François [FR/FR]; 85, rue Deleuvre, F-69004 Lyon (FR). JACQUEMET, Christian [FR/FR]; 24, allée Henriette, F-69005 Lyon (FR). SUAU, Jean-Marc [FR/FR]; Le Perrault, F-69480 Lucenay (FR). MONGOIN, Jacques [FR/FR]; Enchuel, F-69650 Quincieux (FR).

(74) HESSANT, Eric; Chez Coatex S.A.S., 35, rue Ampère, Z.I. Lyon Nord, F-69730 Genay (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08F 293/00, C11D 1/88, A61K 7/075, C11D 3/37, A61K 7/02, 7/06

(11) WO 2004/044023 (13) A1

(21) PCT/FR2003/003255

(22) 31 Oct/oct 2003 (31.10.2003)

(25) fr (26) fr

(30) 02/13950 7 Nov/nov 2002 FR (07.11.2002)

(30) 03/10292 29 Aug/août 2003 FR (29.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTROLLED STRUCTURE COPOLYMER COMPRISING AN AMPHOTERIC OR ZWITTERIONIC PART
• COPOLYMER A STRUCTURE CONTROLEE PRESENTANT UNE PARTIE AMPHOTERE OU ZWITTERIONIQUE.

(71) RHODIA CHIMIE [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DESTARAC, Mathias [FR/FR]; 64, boulevard du Port-Royal, F-75005 Paris (FR).

(74) BOITIAUX, Vincent et al. / etc.; Rhodia Services, Direction de la Propriété Industrielle, 40, rue de la Haie Coq, F-93306 Aubervilliers Cédex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08F 299/04

(11) WO 2004/044024 (13) A1

(21) PCT/JP2003/014466

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-331269 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHOTSENSITIVE RESIN COMPOSITION AND PROCESS FOR THE FORMATION OF HYDROGEL

• COMPOSITION DE RESINE PHOTOSENSIBLE ET PROCEDE DE FORMATION D'HYDROGEL

(71) TOYO GOSEI CO., LTD. [JP/JP]; 1603, kamimiyoden, Ichikawa-shi, Chiba 272-0012 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) UTSUNOMIYA, Shin [JP/JP]; 1-7, Sawada, Miyako-shi, Iwate 027-0088 (JP). YAMADA, Seigo [JP/JP]; c/o TOYO GOSEI CO., LTD., 1603, Kamimiyoden, Ichikawa-shi, Chiba 272-0012 (JP). TAKANO, Masahiro [JP/JP]; c/o Photosensitive Materials Research Center, TOYO GOSEI CO., LTD., 2-1, Wakahagi 4-chome, Inba-mura, Inba-gun, Chiba 270-1609 (JP). MIYAZAKI, Mitsuharu [JP/JP]; c/o Photosensitive Materials Research Center, TOYO GOSEI CO., LTD., 2-1, Wakahagi 4-chome, Inba-mura, Inba-gun, Chiba 270-1609 (JP).

(74) KURIHARA, Hiroyuki; Kurihara International Patent Office, Iwasaki Bldg. 7F, 3-15 Hiroo 1-chome, Shibuya-ku, Tokyo 150-0012 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (b)

(51)⁷ C08G

(11) WO 2004/044025 (13) A2

(21) PCT/US2003/036354

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/444,697 12 Nov/nov 2002 US (12.11.2002)

(30) PCT/US02/36327 12 Nov/nov 2002 US (12.11.2002)

(30) 60/509,199 6 Oct/oct 2003 US (06.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTI-REFLECTIVE COATINGS FOR PHOTOLITHOGRAPHY AND METHODS OF PREPARATION THEREOF

• REVETEMENTS ANTIREFLECHISANT UTILISES EN PHOTOLITHOGRAPHIE ET LEURS PROCEDES DE PREPARATION

(71) HONEYWELL INTERNATIONAL INC [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALDWIN, Teresa [US/US]; 10 Yampa Way, Fremont, CA 94539-7758 (US). KENNEDY, Joseph [US/US]; 1087 Maxey Drive, San Jose, CA 95132 (US). IWAMOTO, Nancy [US/US]; 1244 Ramona Street, Ramona, CA 92065 (US). NAKANO, Tadashi [JP/US]; 1213 Lynbrook Way, San Jose, CA 95129 (US). BEDWELL, William [US/US]; 201 S. 4th Street, Apt. 632, San Jose, CA 95112 (US). STUCK, Jason [US/US]; 95 Hobson Street, 14B, San Jose, CA 95110 (US). SUEDEMEYER, Arlene [US/US]; 1630 Cloverdale Ln, San Jose, CA 95130 (US). HEBERT, Mello [US/US]; 4333 Norwalk Dr., Apt. Q-288, San Jose, CA 95129 (US). LI, Bo [CN/US]; 2901 Vineyard Park Drive, San Jose, CA 95148 (US).

(74) THOMPSON, Sandra; Bingham McCutchen LLP, Three Embarcadero Center, San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 18/08, 18/32, 18/38, C09D 175/02

(11) WO 2004/044026 (13) A1

(21) PCT/US2003/035639

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,059 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POLYUREA COATINGS HAVING IMPROVED POT LIFE

• REVETEMENTS A BASE DE POLYUREES PRESENTANT UNE DUREE DE VIE EN POT PLUS LONGUE

(71) BAYER POLYMERS LLC [US/US]; 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEST, Kurt, E. [US/US]; 1641 Norman Drive, Sewickley, PA 15143 (US). ZIELINSKI, Sandra, L. [US/US]; 384 Richard Road, Wexford, PA 15090 (US). FERRI, Kenneth, L. [US/US]; 133, Longmount Drive, Pittsburgh, PA 15214 (US). ERITANO, Ronald, G. [US/US]; 110 Firth

Drive, Coraopolis, PA 15108 (US). HERMANS-BLACKBURN, Leone [US/US]; 236 Patton Drive, Coraopolis, PA 15108 (US). KENDI, Margaret, A. [US/US]; 392 Newburn Drive, Pittsburgh, PA 15216 (US).

(74) SENG, Jennifer, R. et al. / etc.; Bayer Polymers LLC, 100 Bayer Road, Pittsburgh, PA 15205-9741 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C08G 18/22, C07F 7/00, B01J 31/22

(11) WO 2004/044027 (13) A1

(21) PCT/GB2003/004921

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 0226408.3 13 Nov/nov 2002 GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CATALYST AND PROCESS

• CATALYSEUR ET PROCEDE

(71) JOHNSON MATTHEY PLC [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

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(72, 75) STENGEL, Bruno, Frederic [FR/GB]; 3 Prestwick Court, Eaglescliffe, Stockton on Tees TS16 9ED (GB). JENKINS, David [GB/GB]; 7 Edgar Street, Norton, Stockton-on-Tees, Cleveland TS20 2HG (GB).

(74) GIBSON, Sara, Hillary, Margaret et al. / etc.; Intellectual Property Department, Johnson Matthey Catalysts, PO Box 1, Belasis Avenue, Billingham, Cleveland TS23 1LB (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C08G 18/66, 18/48, C08J 5/18, D01F 6/70, D06N 3/14, D06M 15/568

(11) WO 2004/044028 (13) A1

(21) PCT/US2003/034131

(22) 28 Oct/oct 2003 (28.10.2003)

- (25) en (26) en
- (30) 60/424,884 **8 Nov/nov 2002** US
(08.11.2002)
- (30) 10/694,558 **27 Oct/oct 2003** US
(27.10.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • HEAT RESISTANT HIGH MOISTURE VAPOR TRANSMISSION THERMOPLASTIC POLYURETHANE
- POLYURETHANE THERMOPLASTIQUE DE TRANSMISSION DE VAPEUR TRES HUMIDE RESISTANT A LA CHALEUR
- (71) NOVEON IP HOLDINGS CORP. [US/US]; 9911 Brecksville Road, Cleveland, OH 44141-3247 (US).
- (72) VEDULA, Ravi, Ram; 34936 Clear Creek Drive, North Ridgeville, OH 44039 (US). YOUNG, Kimberly, Lynn; 1674 Crest Road, Cleveland Heights, OH 44121 (US).
- (74) POWELL, Joe, A. et al. / etc.; Noveon, Inc., Legal Department, 9911 Brecksville Road, Cleveland, OH 44141-3247 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :
(s) for all designations / pour toutes les désignations
- (51)⁷ C08G 61/12
- (11) WO 2004/044029 (13) A1
- (21) PCT/JP2003/014375
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) ja (26) ja
- (30) 2002-331040 **14 Nov/nov 2002** JP
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • NORBORNENE OPEN-RING POLYMERS
- POLYMERES A CYCLE OUVERT NORBORNENE
- (71) JSR CORPORATION [JP/JP]; 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYAKI, Nobuyuki [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP). MIYAMOTO, Yoshikazu [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP). YOSHIDA, Souichi [JP/JP]; c/o JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP). HASHIGUCHI, Yuichi [JP/JP]; c/o

- JSR Corporation, 6-10, Tsukiji 5-chome, Chuo-ku, Tokyo 104-0045 (JP).
- (74) OHI, Masahiko; Eishin Bldg., 6-1, Kanda Ogawa-machi 3-chome, Chiyoda-ku, Tokyo 101-0052 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ C08G 63/00, C08F 4/00
- (11) WO 2004/044030 (13) A1
- (21) PCT/FR2003/003266
- (22) 3 Nov/nov 2003 (03.11.2003)
- (25) fr (26) fr
- (30) 02/13828 **5 Nov/nov 2002** FR
(05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYNTHESIS METHOD FOR POLYDIMETHYLKETENE BY FRIEDEL-CRAFT CATIONIC POLYMERIZATION OF DIMETHYLKETENE
- PROCEDE DE SYNTHESE DU POLYDIMETHYLKETENE PAR POLYMERISATION CATIONIQUE DU TYPE FRIEDEL ET CRAFT DU DIMETHYLKETENE
- (71) ATOFINA [FR/FR]; 4-8, cours Michelet, F-92800 Puteaux (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINEMANN, Reinhard [FR/FR]; 5, rue Eugène Boudin, F-21700 Bernay (FR). LE, Guillaume [FR/FR]; 61, boulevard Vannier, Résidence des Perspectives, F-14000 Caen (FR).
- (74) MOUTTET, Marie-Paule; Atofina, 4-8, Cour Michelet-La Défense 10, F-92091 Paris La Défense Cedex (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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(s) for all designations / pour toutes les désignations

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- (51)⁷ C08G 63/06, C12P 7/62
- (11) WO 2004/044031 (13) A1
- (21) PCT/JP2003/013530
- (22) 23 Oct/oct 2003 (23.10.2003)
- (25) en (26) en
- (30) NO. 2002-309786 **24 Oct/oct 2002** JP
(24.10.2002)
- (30) NO. 2003-356749 **16 Oct/oct 2003** JP
(16.10.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • NEW POLYHYDROXYALKANOATE COMPRISING UNIT HAVING (PHENYLMETHYL)OXY STRUCTURE ON SIDE CHAIN THEREOF, AND METHOD FOR PRODUCING THE SAME
- NOUVEAU POLYHYDROXYALCANOATE COMPRENANT UNE UNITE PRESENTANT UNE STRUCTURE (PHENYLMETHYL)OXY SUR SA CHAÎNE LATÉRALE ET PROCEDE DE PRODUCTION CORRESPONDANT
- (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) KENMOKU, Takashi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). YANO, Tetsuya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). KOZAKI, Shinya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). HONMA, Tsutomu [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 EG ES FI GB GD GE GH GM HR HU 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).

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- (51)⁷ C08G 63/66, 63/66A, 63/66B, 63/672, 63/79, 63/81, C08L 67/02
- (11) WO 2004/044032 (13) A1
- (21) PCT/US2003/035920
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/293,605 **13 Nov/nov 2002** US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR MAKING ISOSORBIDE CONTAINING POLYESTERS
- PROCEDE DE FABRICATION DE POLYESTERS CONTENANT DE L'ISOSORBIDE

(71) EASTMAN CHEMICAL COMPANY [US/US]; 100 North Eastman Road, Kingsport, TN 37660 (US).

(72) GERMROTH, Ted, Calvin; 1974 Cooks Valley Road, Kingsport, TN 37664 (US). TURNER, Sam, Richard; 1037 Sussex Drive, Kingsport, TN 37660 (US). TREECE, Lanny, Calvin; 112 Partridge Place, Kingsport, TN 37663 (US).

(74) BOSHEARS, Betty, 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 NI NO NZ OM PG PH PL PT 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 C08G 64/06, C08K 5/3437, C08L 69/00

(11) WO 2004/044033 (13) A1

(21) PCT/JP2003/014458

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330413 14 Nov/nov 2002 JP (14.11.2002)

(30) 2003-111270 16 Apr/avr 2003 JP (16.04.2003)

(30) 2003-315229 8 Sep/sep 2003 JP (08.09.2003)

(30) 2003-321150 12 Sep/sep 2003 JP (12.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • POLYCARBONATE COPOLYMER, RESIN COMPOSITION, AND MOLDED ARTICLE
- COPOLYMER DE POLYCARBONATE, COMPOSITION DE RESINE, ET ARTICLE MOULE

(71) TEIJIN CHEMICALS, LTD. [JP/JP]; 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IKEDA, Koki [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP). TOKUDA, Toshimasa [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP). SHUTO, Hiroshi [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP). MATSUI, Manabu [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP). MIYAKE,

Toshiyuki [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP). TANDO, Kazushi [JP/JP]; c/o Teijin Chemicals, Ltd., 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(74) OHSHIMA, Masataka; Ohshima Patent Office, Fukuya Bldg., 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 C08G 65/00, 65/04, 65/26

(11) WO 2004/044034 (13) A1

(21) PCT/US2003/034398

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 60/424,549 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR PREPARING METAL CYANIDE CATALYSTS USING POLYMERIZABLE COMPLEXING AGENTS
- PROCEDE DE PREPARATION DE CATALYSEURS DE CYANURE METALLIQUE AU MOYEN D'AGENTS COMPLEXANTS POLYMERISABLES

(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) WEHMEYER, Richard, M. [US/US]; 205 Zinnia, Lake Jackson, TX 77566 (US).

(74) COHN, Gary, C.; Gary C. Cohn PLLC, 4010 Lake 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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 PT RO SE SI 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 65/26, 65/32

(11) WO 2004/044035 (13) A1

(21) PCT/EP2003/012043

(22) 30 Oct/oct 2003 (30.10.2003)

(25) de (26) de

(30) 102 52 452.1 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • COPOLYMERS CONTAINING STYRENE OXIDE AND USE THEREOF AS EMULSIFIERS AND DISPERSING AGENTS
- COPOLYMERES CONTENANT DE L'OXYDE DE STYRENE ET LEUR UTILISATION EN TANT QU'EMULSIFIANT ET AGENT DISPERSANT

(71) CLARIANT GMBH [DE/DE]; Brüningsstr. 50, 65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PÖLLMANN, Klaus [DE/DE]; Hoechst Str. 17, 84489 Burghausen (DE). GLOS, Martin [DE/DE]; Stadtplatz 22, 84453 Mühldorf (DE). STRASSER, Anton [DE/DE]; Kiem-Pauli-Strasse 9, 84503 Alttötting (DE). KRÄMER, Eckart [DE/DE]; Niederwaldstr. 11, 65187 Wiesbaden (DE).

(74) MIKULECKY, Klaus; Clariant Service GmbH, Patente, Marken, Lizenzen, Am Unisys-Park 1, 65843 Sulzbach (DE).

(81) BR JP MX US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C08J 3/03, C08L 83/08

(11) WO 2004/044036 (13) A1

(21) PCT/EP2003/012430

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 53 044.0 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • HIGHLY CONCENTRATED OIL-IN-WATER SILICONE EMULSIONS
- EMULSIONS HUILE DANS EAU HAUTEMENT CONCENTREES DE SILICONES

(71) WACKER-CHEMIE GMBH [DE/DE]; Hanns-Seidel-Platz 4, 81737 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHNEIDER, Otto [DE/DE]; Carl-Bosch-Strasse 6, 84489 Burghausen (DE). HOHBERG, Thomas [DE/DE]; Kolmarer Strasse 8, 33699 Bielefeld (DE).

(74) FRITZ, Helmut et al. / etc.; Wacker-Chemie GmbH, Hanns-Seidel-Platz 4, 81737 München (DE).

(81) CN JP PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ C08J 3/26, C08F 8/42, C08C 19/26, 19/36, A61B 19/04, A41D 19/015, A61F 6/04, A63H 27/10

(11) WO 2004/044037 (13) A1

(21) PCT/AU2003/001350

(22) 13 Oct/oct 2003 (13.10.2003)

(25) en (26) en

(30) PI20024206 11 Nov/nov 2002 MY
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A SYNTHETIC LATEX COMPOSITION
• COMPOSITION A BASE DE LATEX
SYNTHETIQUE(71) WRP ASIA PACIFIC SDN. BHD.
[MY/MY]; Lot 1, Jalan 3, Kawasan Pe-
rusahaan Bandar Baru Salak Tinggi, 43900
Sepang Selangor (MY).
*(for all designated States except / pour tous
les États désignés sauf US)*(71) IP ORGANISERS PTY LTD [AU/AU];
367 Collins Street, Melbourne, Victoria 3000
(AU).
(only for / seulement pour SL)(72, 75) LEW, Kwong, Ann [MY/MY]; c/- Lot
1, Jalan 3, Kawasan Perusahaan Bandar Baru
Salak Tinggi, 43900 Sepang Selangor (MY).
BARCLAY, Leslie, Martin [GB/MY]; c/-
Lot 1, Jalan 3, Kawasan Perusahaan Bandar
Baru Salak Tinggi, 43900 Sepang Selangor
(MY). WONG, Ah, Kiew [MY/MY]; c/- Lot
1, Jalan 3, Kawasan Perusahaan Bandar Baru
Salak Tinggi, 43900 Sepang Selangor (MY).
JAYARAMAN, Sarala, Devi [MY/MY]; c/-
Lot 1, Jalan 3, Kawasan Perusahaan Bandar
Baru Salak Tinggi, 43900 Sepang Selangor
(MY).(74) PHILLIPS ORMONDE & FITZ-
PATRICK; 367 Collins Street, Melbourne,
Victoria 3000 (AU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C08J 5/18, G02B 5/02, B32B 31/00

(11) WO 2004/044038 (13) A1

(21) PCT/US2003/034251

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 60/425,898 13 Nov/nov 2002 US
(13.11.2002)(30) 10/434,901 9 May/mai 2003 US
(09.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL SWITCH MICROFILMS
• MICROFILMS A COMMUTATION OP-
TIQUE(71) EASTMAN KODAK COMPANY
[US/US]; 343 State Street, Rochester, NY
14650 (US).(72) BERMEL, Stephen, M.; 85 Old Stonefield
Way, Pittsford, NY 14534 (US).(74) BOCCHETTI, Mark, G. et al. / etc.; 343
State Street, Rochester, NY 14650-2201 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).(51)⁷ C08J 7/00

(11) WO 2004/044039 (13) A2

(21) PCT/US2003/035701

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,990 12 Nov/nov 2002 US
(12.11.2002)(30) 60/462,093 10 Apr/avr 2003 US
(10.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS AND APPARATUS FOR DE-
POSITING PLASMA COATING ONTO
A CONTAINER• PROCEDE ET DISPOSITIF PERMET-
TANT DE DEPOSER UN REVETE-
MENT PLASMA SUR UN CONTE-
NANT(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) WEIKART, Christopher, M. [US/US];
2913 Valorie Lane, Midland, MI 48640
(US). O'CONNOR, Paul, J. [US/US]; 5804
Summerset Drive, Midland, MI 48640 (US).
HU, Ing-Feng [US/US]; 6117 Londonberrie
Court, Midland, MI 48640 (US).(74) WILLIS, Reid, S.; The Dow Chemical Com-
pany, Intellectual Property, P.O. Box 1967,
Midland, MI 48641-1967 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CZ DE DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX
SG NO NZ OM PH PL PT RO RU SD SE
SG SK SL TJ TM TN TR TT TZ UA UG US
UZ YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 7/18, C08F 292/00, 291/18

(11) WO 2004/044040 (13) A1

(21) PCT/FR2003/003292

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/14064 8 Nov/nov 2002 FR
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SURFACE TREATMENT METHOD BY
PHOTOPOLYMERIZATION TO OB-
TAIN BIOCIDAL PROPERTIES• PROCEDE DE TRAITEMENT DE SUR-
FACE PAR PHOTOPOLYMERISATIONPOUR OBTENIR DES PROPRIETES
BIOCIDES(71) DESARROLLO DEL GRAFTING S.L.
[ES/ES]; Calle Avenir, 22 bajos, E-08021
Barcelona (ES).*(for all designated States except / pour tous
les États désignés sauf US)*(72, 75) PERICHAUD, Alain [FR/FR]; La Re-
spelido, 86 rue des Polytres, F-13013 Mar-
seille (FR). ARNAUTU, Monica [RO/FR];
11 les jardins de Montbrun, 97 boulevard de
la Pomme, F-13011 Marseille (FR).(74) DOMANGE, Maxime; Cabinet Beau de
Loménie, 232, avenue du Prado, F-13295
Marseille Cedex 08 (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ C08J 9/02, 9/28, A61L 15/42, 15/22

(11) WO 2004/044041 (13) A1

(21) PCT/US2003/018079

(22) 6 Jun/juin 2003 (06.06.2003)

(25) en (26) en

(30) 10/289,234 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ABSORBENT ARTICLES COMPRIS-
ING INVERSE HIPE FOAMS AND
OTHER FOAMS• ARTICLES ABSORBANTS COM-
PRENANT DES MOUSSES D'ÉMUL-
SION HIPE INVERSE ET D'AUTRES
MOUSSES(71) KIMBERLY-CLARK WORLDWIDE,
INC. [US/US]; 401 N. Lake Street, Neenah,
WI 54956 (US).(72) KO, Young, C.; 1017 Babcock, Neenah, WI
54956 (US). LINDSAY, Jeffrey, Dean; 20
Diane Lane, Appleton, WI 54914 (US).(74) CHARLIER, Patricia, A. et al. / etc.; Kim-
berly-Clark Worldwide, Inc., 401 N. Lake St.,
Neenah, WI 54956 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **C08J 11/08**
- (11) **WO 2004/044042** (13) A1
- (21) PCT/JP2003/014127
- (22) **6 Nov/nov 2003 (06.11.2003)**
- (25) ja (26) ja
- (30) 2002-364462 **12 Nov/nov 2002 JP (12.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • WASTE COLLECTING METHOD, WASTE COLLECTING APPARATUS, VOLUME REDUCING OR SOFTENING SOLUTION, WASTE COLLECTING SYSTEM, WASTE RECYCLING METHOD, AND CLASSIFIED WASTE COLLECTING METHOD
- PROCEDE, APPAREIL ET SYSTEME DE COLLECTE DES DECHETS, SOLUTION POUR RAMOLLIR OU REDUIRE LE VOLUME DE DECHETS, PROCEDE DE RECYCLAGE ET PROCEDE DE COLLECTE SELECTIVE DES DECHETS
- (71, 72) **UMEMOTO, Masao** [JP/JP]; New Castle Yokohama Yamate 601, 5-198-5, Yamamoto-cho, Naka-ku, Yokohama-shi, Kanagawa 231-0851 (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 **C08K 3/34**
- (11) **WO 2004/044043** (13) A1
- (21) PCT/US2003/035091
- (22) **4 Nov/nov 2003 (04.11.2003)**
- (25) en (26) en
- (30) 10/288,015 **5 Nov/nov 2002 US (05.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • THERMOSETTING INORGANIC CLAY NANODISPERSIONS AND THEIR USE
- NANODISPERSIONS D'ARGILE MINERALE THERMODURCISSABLES ET LEUR UTILISATION
- (71) **ASHLAND INC.** [US/US]; 50 E. Rivercenter Boulevard, Covington, KY 41012-0391 (US).
- (71, 72) **TWARDOWSKA-BAXTER, Helena** [CA/US]; 5948 Northcliff Boulevard, Dublin, OH 43017 (US). **SINGH, Rina** [CA/US]; 5660 St. Andrews Drive, Westerville, OH 43082 (US). **DAMMANN, Laurence, G.** [US/US]; 2437 Wyndbend Boulevard, Powell, OH 43065 (US).
- (74) **HEDDEN, David, L. et al. / etc.**; Ashland Inc., P.O. Box 2219, Columbus, OH 43216 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

- MN MW MX MZ 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).
-
- (51)⁷ **C08K 9/02, C08L 101/00, 69/00, C01G 23/047**
- (11) **WO 2004/044044** (13) A1
- (21) PCT/JP2003/014103
- (22) **5 Nov/nov 2003 (05.11.2003)**
- (25) ja (26) ja
- (30) 2002-329533 **13 Nov/nov 2002 JP (13.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • TITANIUM OXIDE FOR INCORPORATION INTO THERMOPLASTIC RESIN COMPOSITION, THERMOPLASTIC RESIN COMPOSITION, AND MOLDED OBJECT THEREOF
- OXYDE DE TITANE DESTINE A ETRE INCORPORE DANS UNE COMPOSITION DE RESINE THERMOPLASTIQUE, COMPOSITION DE RESINE THERMOPLASTIQUE ET OBJET MOULE CONSTITUE DE CELLE-CI
- (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAWATO, Hiroshi** [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **HORIO, Yoshihiko** [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
- (74) **OHTANI, Tamotsu et al. / etc.**; Bridgestone Toranomon BLDG. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN DE KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ **C08L**
- (11) **WO 2004/044045** (13) A2
- (21) PCT/US2003/035380
- (22) **5 Nov/nov 2003 (05.11.2003)**
- (25) en (26) en
- (30) 60/424,561 **7 Nov/nov 2002 US (07.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FILLER REINFORCED THERMOPLASTIC COMPOSITIONS AND PROCESS FOR MANUFACTURE
- COMPOSITIONS THERMOPLASTIQUES RENFORCEES D'UNE MATIERE DE CHARGE, ET PROCEDE DE FABRICATION
- (71) **MICHIGAN STATE UNIVERSITY** [US/US]; 238 Administration Building, East Lansing, MI 48824 (US).

- (72) **MOHANTY, Amar, K.**; 2322 Knob Hill #6, Okemos, MI 48864 (US). **TUMMALA, Praveen**; 4632 S. Hagadorn Road #6, East Lansing MI 48823 (US). **MISRA, Manjusri**; 2322 Knob Hill Drive #6, Okemos, MI 48864 (US). **DRZAL, Lawrence, T.**; 1931 Atherton Way, Okemos, MI 48864 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **C08L**
- (11) **WO 2004/044046** (13) A2
- (21) PCT/US2003/035526
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 60/424,928 **8 Nov/nov 2002 US (08.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • COMBINATION PRODUCTS WITH CARBOXYLIC ACID DERIVATIVES THAT INHIBIT THE BINDING OF INTEGRINS TO THEIR RECEPTORS AND OTHER THERAPEUTIC COMPOUNDS
- PRODUITS DE COMBINAISON COMPRENANT DES DERIVES D'ACIDE CARBOXYLIQUE INHIBANT LA LIAISON DES INTEGRINES A LEURS RECEPTEURS ET AUTRES COMPOSES THERAPEUTIQUES
- (71) **ENCYSIVE PHARMACEUTICALS** [US/US]; 6700 West Loop South, Bellaire, TX 77401 (US). **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033-0530 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VANDERSLICE, Peter** [US/US]; 3427 Gannett, Houston, TX 77025 (US). **HOLLAND, George** [US/US]; 3331 Green Tree Park, Houston, TX 77007 (US). **SHIH, Neng-Yang** [US/US]; 1 Maple Drive, North Caldwell, NJ 07006 (US). **ASLANIAN, Robert, G.** [US/US]; 144 Philip Drive, Rockaway, NJ 07866 (US). **CHAPMAN, Richard, W.** [US/US]; 30 Ditmars Circle, Hillsboro, NJ 07866 (US). **KREUTNER, William** [US/US]; 18 Woodland Drive, West Paterson, NJ 08844 (US).
- (74) **KATZ, Martin, L.**; Wood, Phillips, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU 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 C08L

(11) WO 2004/044047 (13) A2

(21) PCT/US2003/035665

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,318 8 Nov/nov 2002 US
(08.11.2002)

(30) 10/427,636 30 Apr/avr 2003 US
(30.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MICROBIOLOGICAL ABATEMENT
COATING SYSTEM

• SYSTÈME D'ENDUCTION AVEC RÉ-
DUCTION DE LA CROISSANCE MI-
CROBIOLOGIQUE

(63) US 10/427,636 (CIP)
30 Apr/avr 2003 (30.04.2003)

(71) HBF, INC. [US/US]; 11850 Nashville Road,
Woodburn, KY 42170 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HART, Eric, R. [US/US]; 332 Old
Springfield Road, Woodburn, KY 42170
(US). BROWN, Mark, D. [US/US]; 11850
Nashville Road, Woodburn, KY 42170 (US).

(74) MICKELSON, Carole, A. et al. / etc.;
Greer, Burns & Crain, Ltd., 300 South
Wacker Drive, Suite 2500, Chicago, IL
60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BW BY BZ CA CH CN CO CR
CU CZ DE DK DM DZ EC EE EG ES FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PT 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

(11) WO 2004/044048 (13) A2

(21) PCT/US2003/036300

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,978 13 Nov/nov 2002 US
(13.11.2002)

(30) 10/437,953 14 May/mai 2003 US
(14.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOLD-IN COLOR PANELS

• PANNEAUX DE COULEUR MOULES

(71) LDM TECHNOLOGIES, INC. [US/US];
2500 Executive Hills Drive, Auburn Hills, MI
48326 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WATSON, Barry, J. [US/US]; 970 S.
Baldwin Road, Clarkston, MI 48348 (US).
PALANCA, Perry, J. [US/US]; 3055 Valley
Oaks Drive, White Lake, MI 48383 (US).
ENGLISH, Kenneth, C. [US/US]; 13488
Hawk Woods Trail, Fenton, MI 48430 (US).
WINOWIECKI, Kris, W. [US/US]; 9106
Blueberry Hill, Howell, MI 48843 (US).

(74) FRENTUP, Mark, A. et al. / etc.; Har-
ness, Dickey & Pierce, P.L.C., P.O. Box 828,
Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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

(11) WO 2004/044049 (13) A2

(21) PCT/US2003/036696

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,066 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FIRE RESISTANT THERMOPLASTIC
OR THERMOSET COMPOSITIONS

CONTAINING AN INTUMESCENT
SPECIALTY CHEMICAL

• COMPOSITIONS THERMOPLAS-
TIQUES OU THERMODURCISSABLES
IGNIFUGES CONTENANT UN PRO-
DUIT CHIMIQUE SPECIAL INTUMES-
CENT

(71) JJI, LLC [US/US]; 3 Randolph Court, New-
town, PA 18940-0536 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) REYES, Jose [US/US]; 3 Randolph
Court, Newtown, PA 18940 (US).

(74) WEINBLATT, Richard; Wolf, Block,
Schorr and Solis-Cohen, 1650 Arch Street,
22nd Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C08L 23/22, C08J 3/24

(11) WO 2004/044050 (13) A1

(21) PCT/JP2003/013274

(22) 16 Oct/oct 2003 (16.10.2003)

(25) ja (26) ja

(30) 2002-326407 11 Nov/nov 2002 JP
(11.11.2002)

(30) 2002-376757 26 Dec/déc 2002 JP
(26.12.2002)

(30) 2003-190111 2 Jul/juil 2003 JP
(02.07.2003)

(30) 2003-191722 4 Jul/juil 2003 JP
(04.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THERMOPLASTIC ELASTOMER
COMPOSITION

• COMPOSITION ELASTOMERE THER-
MOPLASTIQUE

(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) KIMURA, Katsuhiko [JP/JP]; 2-1-61,
Higashifujie, Akashi-shi, Hyogo 673-0042
(JP). NODA, Kenji [JP/JP]; 3-1-102, Mi-
nori, Kakogawa-Cho, Kakogawa-shi, Hyogo
675-0062 (JP). NAKABAYASHI, Hironari
[JP/JP]; 3-3-37, Kozu, Chuo-ku, Osaka-shi,
Osaka 542-0072 (JP). AOYAMA, Taizo
[JP/JP]; 4-13-10, Nishihata, Takasago-shi,
Hyogo 676-0025 (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
BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU 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 C08L 23/22, 23/28
- (11) WO 2004/044051 (13) A1
- (21) PCT/US2003/033210
- (22) 21 Oct/oct 2003 (21.10.2003)
- (25) en (26) en
- (30) 60/424,448 7 Nov/nov 2002 US
(07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ELASTOMERIC BLEND FOR AIR
BARRIERS COMPRISING LOW
GLASS TRANSITION TEMPERA-
TURE PETROLEUM HYDROCARBON
RESINS
• MELANGE ELASTOMERE POUR
MEMBRANE ETANCHE A L'AIR
COMPRENANT DES COMPOSANTS
DE RESINE GREFFES
- (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) JONES, Glenn, E. [US/US]; 2727
Bens Branch Drive, #1304, Kingwood,
TX 77339 (US). TSE, Mun, Fu [US/US];
1706 Fair Oaks Drive, Seabrook, TX 77586
(US). WANG, Hsien, Chang [US/US]; 536
College, Bellaire, TX 77401 (US). LEW-
TAS, Kenneth [GB/BE]; Sterrebeeklaan 79,
B-3080 Tervuren (BE). CHIEN, William,
Moa-Tseng [US/US]; 14803 Sparkling Bay
Lane, Houston, TX 77062 (US). WADDELL,
Walter, Harvey [US/US]; 4923 Orange Tree
Drive, Pasadena, TX 77505 (US).
- (74) ARECHEDERRA, Leandro et al. / etc.;
ExxonMobil Chemical Company Law Tech-
nology, 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 NI NO NZ OM PG PH PL
PT RO RU SC 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)
(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO 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 C08L 23/28, 23/22

(11) WO 2004/044052 (13) A1

(21) PCT/US2003/033209

(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

(30) 60/424,413 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELASTOMERIC BLEND FOR AIR
BARRIERS COMPRISING GRAFTED
RESIN COMPONENTS

• MELANGE ELASTOMERE POUR
MEMBRANE ETANCHE A L'AIR
COMPRENANT DES COMPOSANTS
DE RESINE GREFFES

(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) JONES, Glenn, E. [US/US]; 2727
Bens Branch Drive, #1304, Kingwood,
TX 77339 (US). TSE, Mun, Fu [US/US];
1706 Fair Oaks Drive, Seabrook, TX 77586
(US). WANG, Hsien, Chang [US/US]; 536
College, Bellaire, TX 77401 (US). LEW-
TAS, Kenneth [GB/BE]; Sterrebeeklaan 79,
B-3080 Tervuren (BE). CHIEN, William,
Moa-Tseng [US/US]; 14803 Sparkling Bay
Lane, Houston, TX 77062 (US). WADDELL,
Walter, Harvey [US/US]; 4923 Orange Tree
Drive, Pasadena, TX 77505 (US).

(74) ARECHEDERRA, Leandro et al. / etc.;
ExxonMobil Chemical Company Law Tech-
nology, 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 NI NO NZ OM PG PH PL
PT RO RU SC 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)
(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO 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 C08L 63/00, C08G 59/42, H01L 21/56,
23/29

(11) WO 2004/044053 (13) A1

(21) PCT/US2003/034810

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/289,504 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TOUGHENED EPOXY/POLYANHY-
DRIDE NO- FLOW UNDERFILL EN-
CAPSULANT COMPOSITION

• COMPOSITION DE CAPSULATION DE
SOUS-REPLISSAGE SANS ECOU-
LEMENT EPOXY/POLYANHYDRIDE
DURCIE

(71) NATIONAL STARCH AND CHEMICAL
INVESTMENT HOLDING CORPORA-
TION [US/US]; P.O. Box 7663, Wilmington,
DE 19803-7663 (US).

(72) SHAH, Jayesh, P.; 17 Cottonwood Road,
Plaistow, NH 03865 (US).

(74) ALMER, Charles, W. et al. / etc.; Na-
tional Starch and Chemical, 10 Finderne Av-
enue, Bridgewater, NJ 08807 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ C08L 63/00, C08G 59/40, C08K 3/00

(11) WO 2004/044054 (13) A1

(21) PCT/US2003/035519

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,196 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • EPOXY RESIN COMPOSITION CON-
TAINING REACTIVE FLAME RETAR-
DANT PHOSPHONATE OLIGOMER
AND FILLER

• COMPOSITION DE RESINE EPOXY
CONTENANT UN OLIGOMERE PHOS-
PHONATE IGNIFUGEANT REACTIF
ET UNE CHARGE

- (71) AKZO NOBEL N.V. [NL/NL]; Verlperg-
weg, 76, P.O. Box 9300, NL-6800 SB
Arnhem (NL).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) LEVCHIK, Sergei [BY/US]; 51 Har-
rison Street, Croton-on-Hudson, NY 10520
(US). BUCZEK, Mark [US/US]; 31 Palmer
Avenue, Sleepy Hollow, NY 10591 (US).

- (74) FENNELLY, Richard, P.; Akzo Nobel Inc.,
Intellectual Property Department, 7 Livin-
stone Avenue, Dobbs Ferry, NY 10522-3408
(US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ C08L 83/04

(11) WO 2004/044055 (13) A2

(21) PCT/JP2003/014551

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 2002-330994 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SILICONE RUBBER COMPOSITION

- COMPOSITION DE CAOUTCHOUC DE
SILICONE

- (71) DOW CORNING TORAY SILICONE
CO., LTD. [JP/JP]; 1-3, Marunouchi
1-chome, Chiyoda-ku, Tokyo 100-0005
(JP).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) BABA, Katsuya [JP/JP]; c/o Dow
Corning Toray Silicone Co., Ltd., 2-2, Chi-
gusakaigan, Ichihara-shi, Chiba 299-0108
(JP). HIRAI, Kazuo [JP/JP]; c/o Dow
Corning Toray Silicone Co., Ltd., 2-2, Chi-
gusakaigan, Ichihara-shi, Chiba 299-0108
(JP). HONMA, Hiroshi [JP/JP]; c/o Dow
Corning Toray Silicone Co., Ltd., 2-2, Chi-
gusakaigan, Ichihara-shi, Chiba 299-0108
(JP). NAKAMURA, Akito [JP/JP]; c/o Dow
Corning Toray Silicone Co., Ltd., 2-2, Chi-
gusakaigan, Ichihara-shi, Chiba 299-0108
(JP).

- (74) KUBOTA, Yoshitaka; c/o ASA Interna-
tional Patent Firm Chiba Office, 43-27,
Satsukigaoka 1-chome, Hanamigawa-ku,
Chiba-shi, Chiba 262-0104 (JP).

- (81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 91/06, C11C 5/00

(11) WO 2004/044056 (13) A1

(21) PCT/US2003/030024

(22) 19 Sep/sep 2003 (19.09.2003)

(25) en (26) en

(30) 10/291,160 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CLEAN-BURNING FRAGRANCE
CANDLE WITH CONSISTENT FLAME
SIZE AND BURN RATE

• BOUGIE PARFUMEE BRULANT SANS
RESIDUS, DOTEE D'UNE TAILLE DE
FLAMME ET D'UNE VITESSE DE
COMBUSTION CONSTANTES

- (71) S. C. JOHNSON & SON, INC. [US/US];
1525 Howe Street, Racine, WI 53403 (US).

- (72) REQUEJO, Luz, P.; 404 DeKoven Avenue,
Racine, WI 53403 (US). MATERNA, Kim,
C.; W262 S3265 Ridge Road, Waukesha, WI
53189 (US).

- (74) MILLER, Robert, A.; S. C. JOHNSON &
SON, INC., 1525 Howe Street, Racine, WI
53403 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C09B 29/00, 29/36

(11) WO 2004/044057 (13) A1

(21) PCT/IB2003/005096

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0226448.9 13 Nov/nov 2002 GB
(13.11.2002)

(30) 02026651.6 29 Nov/nov 2002 EP
(29.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MONO AZO DYES

• COLORANTS MONOAZOQUES

- (71) CLARIANT INTERNATIONAL LTD
[CH/CH]; Rothausstrasse 61, CH-4132 Mut-
tenz 1 (CH).

(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) HASEMANN, Ludwig [DE/DE]; Müh-
lenbachweg 4, 79379 Müllheim-Niederweiler
(DE).

- (74) DÜNNWALD, Dieter; Clariant International
Ltd, Rothausstrasse 61, CH-4132 Muttentz 1
(CH).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C09B 29/036, 67/22, 29/09, 43/42

(11) WO 2004/044058 (13) A1

(21) PCT/EP2003/012282

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 02405967.7 11 Nov/nov 2002 EP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PHTHALIMIDYL-AZO DYES,
PROCESS FOR THEIR PREPARATION
AND THEIR USE

• COLORANTS A BASE DE PHTHALI-
MIDYLE AZO, PROCEDE DE PREPA-
RATION ET UTILISATION

- (71) CIBA SPECIALTY CHEMICALS
HOLDING INC. [CH/CH]; Klybeckstrasse
141, CH-4057 Basel (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLEMENT, Antoine [CH/CH]; Laufenerstrasse 2/5, CH-4058 Basel (CH). AR-QUINT, Alfons [CH/CH]; Im Rankhof 6, CH-4058 Basel (CH). LAUK, Urs [CH/CH]; Alfred-Strebelweg 15, CH-8047 Zürich (CH).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patentabteilung, Klybeckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09C 1/00, B41M 3/14, B42D 15/00, C09D 11/02, 5/36

(11) WO 2004/044059 (13) A1

(21) PCT/CH2003/000624

(22) 16 Sep/sep 2003 (16.09.2003)

(25) de (26) de

(30) 102 52 645.1 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIFFRACTIVE PIGMENTS

• PIGMENTS DIFFRACTIFS

(71) BÜHLER AG [CH/CH]; Bahnhofstrasse, CH-9240 Uzwil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PILOTEK, Steffen [DE/CH]; Lettenstrasse 2, CH-9500 Wil (CH). ZIMMERMANN, René [CH/CH]; Hüseren 15, CH-9523 Züberwangen (CH). MENNIG, Martin [DE/DE]; Mittelstrasse 5, 66287 Quierschied (DE). SCHMIDT, Helmut [DE/DE]; Im Königsfeld 29, 66130 Saarbrücken-Güdingen (DE). OLIVEIRA, Peter-William [BR/DE]; Nauwies Strasse 40, 66111 Saarbrücken (DE).

(74) BÜHLER AG; Bahnhofstrasse, CH-9240 Uzwil (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 NI NO NZ OM PG PH PL PT RO RU SC 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 the following designations / pour les désignations suivantes : AE AG 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)

(s) for the following designations / pour les désignations suivantes : AE AG 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C09C 1/00

(11) WO 2004/044060 (13) A1

(21) PCT/EP2003/050777

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 02405978.4 13 Nov/nov 2002 EP (13.11.2002)

(30) 03405026.0 23 Jan/jan 2003 EP (23.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL INTERFERENCE PIGMENTS

• NOUVEAUX PIGMENTS D'INTERFERENCE

(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) BUJARD, Patrice [CH/CH]; Oberer Rebbergweg 29, CH-4153 Reinach (CH).

(74) CIBA SPECIALTY CHEMICALS HOLDING INC.; Patent Department, Klybeckstrasse 141, CH-4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/00, 1/30, 1/36

(11) WO 2004/044061 (13) A1

(21) PCT/FR2003/003211

(22) 28 Oct/oct 2003 (28.10.2003)

(25) fr (26) fr

(30) 0213800 5 Nov/nov 2002 FR (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NANOMETRIC OR MESOSCOPIC DISSYMETRIC PARTICLES, AND METHOD FOR PREPARING SAME

• PARTICULES DISSYMETRIQUES DE TAILLE NANOMETRIQUE OU MESOSCOPIQUE, ET LEUR PROCÉDE DE PRÉPARATION.

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75016 PARIS (FR). CPE LYON FORMATION CONTINUE ET RECHERCHE [FR/FR]; 43, bd du 11 novembre 1918, F-69100 VILLEURBANNE (FR). UNIVERSITE PAUL SABATIER [FR/FR]; 118, route de Narbonne, F-31062 TOULOUSE (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PONCET-LEGRAND, Céline [FR/FR]; Résidence Parc des Arceaux, Bât. B2, 29, rue Calvin, F-34080 MONTPELLIER (FR). RAVAIN, Serge [FR/FR]; 8, avenue Saint Nicolas, F-33610 CESTAS (FR). DUGUET, Etienne [FR/FR]; 1, rue Paul Langevin, F-33130 BEGLES (FR). BOURGEAT-LAMI, Elodie [FR/FR]; 19, Impasse du Richaud, F-01120 NIEVROZ (FR). RECLUS, Stéphane [FR/FR]; Résidence L'Estantuet, Bât. Eole, 37 Chemin de Lestantuet, F-64100 BAYONNE (FR). MINGOTAUD, Christophe [FR/FR]; 39, avenue de Courrèze, F-31400 TOULOUSE (FR).

(74) SUEUR, Yvette et al. / etc.; Cabinet Sueur & L'Helgoualch, 109, boulevard Haussmann, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(51)⁷ C09D 4/02, C08J 7/04, C09K 3/00

(11) WO 2004/044062 (13) A1

(21) PCT/JP2003/014385

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-329119 13 Nov/nov 2002 JP (13.11.2002)

(30) 2002-340502 25 Nov/nov 2002 JP (25.11.2002)

(30) 2003-94994 **31 Mar/mar 2003 JP**
(**31.03.2003**)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACTINIC RADIATION CURABLE COATING COMPOSITION AND MOLDED ARTICLES HAVING COATING FILMS MADE FROM THE COMPOSITION THROUGH CURING

• COMPOSITION DE REVETEMENT DURCISSABLE PAR RAYONNEMENT ACTINIQUE ET ARTICLES MOULES AYANT DES FILMS DE REVETEMENT FAITS A BASE DE CETTE COMPOSITION PAR DURCISSEMENT

(71) **ASAHI GLASS COMPANY, LIMITED** [JP/JP]; 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONDO, Satoshi** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **SHIRAKAWA, Daisuke** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). **HIGUCHI, Toshihiko** [JP/JP]; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).

(74) **SENYO, Kenji et al.** / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushita-cho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 4/02, B32B 7/02, 27/16, C09J 7/02, G09F 9/00, C08J 7/04

(11) **WO 2004/044063** (13) A1

(21) PCT/JP2003/014387

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-329385 **13 Nov/nov 2002 JP**
(**13.11.2002**)

(30) 2003-136180 **14 May/mai 2003 JP**
(**14.05.2003**)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ULTRAVIOLET-CURABLE ANTI-STATIC HARD COATING RESIN COMPOSITION

• COMPOSITION DE RESINE POUR REVETEMENT DUR ANTISTATIQUE DURCISSABLE AUX ULTRAVIOLETS

(71) **DENKI KAGAKU KOGYO KABUSHIKI KAISHA** [JP/JP]; 4-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8455 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOTO, Yoshitsugu** [JP/JP]; Denki Kagaku Kogyo Kabushiki Kaisha, Shibukawa Kojo, 1135, Nakamura, Shibukawa-shi, Gunma 377-0002 (JP). **KAZAMI, Junichi** [JP/JP]; Denki Kagaku Kogyo Kabushiki Kaisha, Shibukawa Kojo, 1135, Nakamura, Shibukawa-shi, Gunma 377-0002 (JP). **IRIUCHIJIMA, Kunio** [JP/JP]; Denki Kagaku Kogyo Kabushiki Kaisha, Shibukawa Kojo, 1135, Nakamura, Shibukawa-shi, Gunma 377-0002 (JP).

(74) **SENYO, Kenji et al.** / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushita-cho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/02, 125/14

(11) **WO 2004/044064** (13) A1

(21) PCT/US2003/031475

(22) 6 Oct/oct 2003 (06.10.2003)

(25) en (26) en

(30) 10/288,887 **6 Nov/nov 2002 US**
(**06.11.2002**)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LATEX PAINT COMPOSITIONS AND COATINGS

• COMPOSITIONS ET REVETEMENTS DE PEINTURE DE LATEX

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **CRATER, Davis H.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **PETRIN, Jason T.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **JORDAN, Robert H.**, et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ

OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C09D 5/03, 5/29, 201/00, 193/02, B05D 7/24, 5/06, 1/04

(11) **WO 2004/044065** (13) A1

(21) PCT/JP2003/014492

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ja (26) ja

(30) 2002-331027 **14 Nov/nov 2002 JP**
(**14.11.2002**)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POWDER COATING, METHOD FOR PRODUCTION THEREOF, METHOD FOR USING SAID POWDER COATING AND COATED ARTICLE

• REVETEMENT PULVERULENT, PROCEDE DE PRODUCTION DE CE REVETEMENT, PROCEDE D'UTILISATION DE CE REVETEMENT PULVERULENT, ET ARTICLE AINSI REVETU

(71) **KANSAI PAINT CO., LTD.** [JP/JP]; 33-1, Kanzakicho, Amagasaki-shi, Hyogo 661-8555 (JP). **KUBOKO PAINT CO., LTD.** [JP/JP]; 15-27, Nishiawaji 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0031 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHKOSHI, Toshio** [JP/JP]; c/o Kansai Paint Co., Ltd., 12-1, Minamirokugo 3-chome, Ohta-ku, Tokyo 144-0045 (JP). **KAWAMOTO, Yugen** [JP/JP]; c/o Kansai Paint Co., Ltd., 17-1, Higashiyawata 4-chome, Hiratsuka-shi, Kanagawa 254-8562 (JP). **HARADA, Masayoshi** [JP/JP]; c/o Kuboko Paint Co., Ltd., 15-27, Nishiawaji 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0031 (JP). **IMOSE, Manabu** [JP/JP]; c/o Kuboko Paint Co., Ltd., 15-27, Nishiawaji 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0031 (JP).

(74) **KOTANI, Etsuji et al.** / etc.; Nichimen Building 2nd Floor, 2-2, Nakanoshima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C09D 5/08, 5/24, 163/02, B23K 35/22

(11) WO 2004/044066 (13) A1

(21) PCT/US2003/034760

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/288,791 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WELDABLE COMPOSITIONS COMPRISING A CONDUCTIVE PIGMENT AND SILICON AND METHODS FOR USING THE SAME

• COMPOSITIONS SOUDABLES RENFERMANT UN PIGMENT CONDUCTEUR ET DU SILICIUM ET PROCÉDES D'UTILISATION

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) PAWLIK, Michael, J.; 400 Vilsack Road, Glenshaw, PA 15116 (US). GRAY, Ralph, C.; 137 West Cruikshank Road, Butler, PA 16001 (US). PERRINE, Steven, D.; 410 Topaz Drive, Allison Park, PA 15101 (US). HOPKINS, Daniel, L.; 3190 Haberslein Road, Gibsonia, PA 15044 (US).

(74) MEYERS, Diane, R. et al. / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09D 7/12

(11) WO 2004/044067 (13) A1

(21) PCT/US2003/033979

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 10/288,394 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADDITIVES FOR LOW VOC AQUEOUS COATINGS

• ADDITIFS POUR REVÊTEMENTS AQUEUX A FAIBLE CONTENU ORGANIQUE VOLATILE

(71) PPG INDUSTRIES OHIO, INC. [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).

(72) MCVAY, Robert, L.; 2739 Bristol Hill Court, Cincinnati, OH 45239 (US).

(74) MEYERS, Diane, R. et al. / etc.; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C09D 11/00, A61K 7/50

(11) WO 2004/044068 (13) A1

(21) PCT/US2002/036313

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISINFECTING DIP COMPOSITIONS AND RELATED METHODS

• COMPOSITIONS DE TREMPAGE DE-
INFECTANTES ET PROCÉDES ASSO-
CIÉS

(71, 72) KROSS, Robert, D. [US/US]; 2506 Florin Court, Bellmore, NY 11710 (US).

(74) COLEMAN, Henry, D.; Coleman Sudol Sapone, P.C., 714 Colorado Avenue, Bridgeport, CT 06605-1601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 11/00, 11/02, C09B 45/14

(11) WO 2004/044069 (13) A1

(21) PCT/US2003/035844

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,650 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AZO METAL-COMPLEXED DYES, INK JET INK COMPOSITIONS AND INK JET PRINTING METHODS

• COLORANTS AZOÏQUES A BASE DE COMPLEXES METALLIQUES, COMPOSITIONS D'ENCRE POUR IMPRESSION A JET D'ENCRE ET PROCÉDES D'IMPRESSIION A JET D'ENCRE

(71) POLAROID CORPORATION [US/US]; 1265 Main Street, Waltham MA 02451 (US).

(72) BERGER, Michael, J.; 112 Wolcott Road, Chestnut Hill, MA 02467 (US). FILOSA, Michael, P.; 18 Tamarack Road, Medfield, MA 02052 (US). STROUD, Stephen; 53 Tesla Avenue, Medford MA 02155 (US).

(74) MACCARONE, Gaetano, D.; Polaroid Corporation, 1265 Main Street, Waltham, MA 02451 (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 C09D 123/34, 5/32, H01Q 17/00

(11) WO 2004/044070 (13) A1

(21) PCT/RU2003/000381

(22) 22 Aug/août 2003 (22.08.2003)

(25) ru (26) ru

(30) 2002130260 13 Nov/nov 2002 RU
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOUND FOR COATINGS SCREENING AGAINST ELECTROMAGNETIC RADIATION

• COMPOSITION DE REVÊTEMENT OF-
FRANT UNE PROTECTION CONTRE
LES RAYONNEMENTS ELECTROMA-
GNÉTIQUES

(71, 72) TITOMIR, Aleksandr Kozmovich [RU/RU]; Stary Tolmachevsky per., 17-12, Moscow, 109017 (RU).

(81) CN JP KR TR US.

(84) EP (AT BE 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 C09D 183/04

(11) WO 2004/044071 (13) A2

(21) PCT/EP2003/012697

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 102 53 839.5 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COATING METHOD

• PROCÉDE DE RECOUVREMENT

(71) HANS GROHE AG [DE/DE]; Auestrasse 5-9, 77761 Schiltach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FATH, Andreas [DE/DE]; Dorfstrasse 7, 77756 Hausach (DE).

(74) RUFF, WILHELM, BEIER, DAUSTER & PARTNER; Kronenstrasse 30, 70174 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C09D 183/04, C08G 77/04, C01B 33/12, H01L 21/312, 21/768

(11) WO 2004/044072 (13) A1

(21) PCT/JP2003/014436

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-329124 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION FOR POROUS FILM FORMATION, POROUS FILM, PROCESS FOR PRODUCING THE SAME, INTERLAYER INSULATION FILM AND SEMICONDUCTOR DEVICE

• COMPOSITION DE FORMATION D'UNE COUCHE MINCE POREUSE, COUCHE MINCE POREUSE, SON PROCEDE DE PRODUCTION, COUCHE MINCE D'ISOLATION INTERCOUCHE ET DISPOSITIF A SEMI-CONDUCTEUR

(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) OGIHARA, Tutomu [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). YAGIHASHI, Fujio [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). HAMADA, Yoshitaka [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). ASANO, Takeshi [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). IWABUCHI, Motoaki [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). NAKAGAWA, Hideo [JP/JP]; 131, Oda-cho, Omihachiman-shi, Shiga 523-0064 (JP). SASAGO, Masaru [JP/JP]; 1-19-22, Doyama, Hirakata-shi, Osaka 573-0007 (JP).

(74) OKUYAMA, Shoichi et al. / etc.; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 183/04, H01L 21/312, 21/768 // C08G 77/04

(11) WO 2004/044073 (13) A1

(21) PCT/JP2003/014438

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-329126 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION FOR POROUS FILM FORMATION, POROUS FILM, PROCESS FOR PRODUCING THE SAME, INTERLAYER INSULATION FILM AND SEMICONDUCTOR DEVICE

• COMPOSITION POUR FORMER UN FILM POREUX, FILM POREUX, PROCEDE DE PRODUCTION DE CELUI-CI, FILM ISOLANT INTERCOUCHE ET DISPOSITIF A SEMI-CONDUCTEURS

(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) IWABUCHI, Motoaki [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). YAGIHASHI, Fujio [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). HAMADA, Yoshitaka [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). NAKAGAWA, Hideo [JP/JP]; 131, Oda-cho, Omihachiman-shi, Shiga 523-0064 (JP). SASAGO, Masaru [JP/JP]; 1-19-22, Doyama, Hirakata-shi, Osaka 573-0007 (JP).

(74) OKUYAMA, Shoichi et al. / etc.; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09D 183/04, 183/02, H01L 21/312, 21/768 // C08G 77/44, 77/50

(11) WO 2004/044074 (13) A1

(21) PCT/JP2003/014439

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-329127 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION FOR POROUS FILM FORMATION, POROUS FILM, PROCESS FOR PRODUCING THE SAME, INTERLAYER INSULATION FILM AND SEMICONDUCTOR DEVICE

• COMPOSITION DESTINEE A LA FORMATION D'UN FILM POREUX, FILM POREUX, SON PROCEDE DE PRODUCTION, FILM ISOLANT INTERCOUCHE ET DISPOSITIF A SEMI-CONDUCTEUR

(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) HAMADA, Yoshitaka [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). YAGIHASHI, Fujio [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). NAKAGAWA, Hideo [JP/JP]; 131, Oda-cho, Omihachiman-shi, Shiga 523-0064 (JP). SASAGO, Masaru [JP/JP]; 1-19-22, Doyama, Hirakata-shi, Osaka 573-0007 (JP).

(74) OKUYAMA, Shoichi et al. / etc.; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09G

(11) WO 2004/044075 (13) A2

(21) PCT/US2003/034242

(22) 29 Oct/oct 2003 (29.10.2003)

- (25) en (26) en
- (30) 60/425,690 12 Nov/nov 2002 US
(12.11.2002)
- (30) 10/685,730 14 Oct/oct 2003 US
(14.10.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • COPPER CHEMICAL MECHANICAL POLISHING SOLUTIONS USING SULFONATED AMPHIPROTIC AGENTS
- SOLUTIONS DE POLISSAGE MECANOCHIMIQUE DU CUIVRE A L'AIDE D'AGENTS AMPHIPROTIQUES SULFONES
- (71) ATOFINA CHEMICALS, INC. [US/US]; 2000 Market Street, Philadelphia, PA 19103 (US).
- (72) MARTYAK, Nicholas, M.; 307 Hedgerow Lane, Doylestown, PA 18901 (US). CARROLL, Glenn; 2437 Chestnut Avenue, Norristown, PA 19403 (US).
- (74) RUDMAN, Gilbert, W. et al. / etc.; Atofina Chemicals, Inc., 2000 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :
(s) for all designations / pour toutes les désignations
-
- (51)⁷ C09G 1/02, H01L 21/3105, 21/321
- (11) WO 2004/044076 (13) A1
- (21) PCT/US2003/036618
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) JP2002-329464 13 Nov/nov 2002 JP
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A SLURRY COMPOSITION AND A POLISHING METHOD USING THE SAME
- COMPOSITION DE PATE ET PROCEDE DE POLISSAGE UTILISANT CETTE COMPOSITION
- (71) EKC TECHNOLOGY, INC. [US/US]; 2520 Barrington Court, Hayward, CA 94545 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) EKC TECHNOLOGY K.K. [JP/JP]; KSP R & D D342 3-2-1- Sakado, Takatsu-ku, Kawasaki, Kanagawa, 213-0012 (JP).
(only for / seulement pour US)
- (72, 75) NOJO, Haruki [JP/JP]; 440 Kurami, Samukawamachi Kouza-Gun, Kanagawa-Ken (JP). YOSHIDA, Akitoshi

- [JP/JP]; 991-176, Yahagi-cho, Chuo-ku, Chiba-shi, Chiba-ken (JP). KASHIHARA, Hirofumi [JP/JP]; Mesonokura 4-D, 3-3-3, Yadokawara, Tama-ku, Kawasaki-shi, Kanagawa-ken (JP). BERAR, Pascal [FR/US]; 2520 Barrington Court, Hayward, CA 94545 (US).
- (74) BALANCIA, Victor, N. et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C09G 1/04, C11D 17/00, 3/37
- (11) WO 2004/044077 (13) A1
- (21) PCT/US2003/035296
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/291,162 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • BILIGUID FOAM FURNITURE POLISH
- ENCAUSTIQUE POUR MEUBLES COMPOSEE D'UNE MOUSSE A DEUX PHASES LIQUIDES
- (71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) MOODYCLIFFE, Timothy, I.; 1325 N. Van Buren Street, #407, Milwaukee, WI 53202 (US). OAKESON, Ralph, W.; 349 Powerville Road, Boonton, NJ 07005 (US). WERKOWSKI, Lynn, M.; 9000 S. River Edge Drive, Oak Creek, WI 53154 (US).
- (74) MCDONALD, Frank, B.; S. C. JOHNSON & SON, INC., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C09G 1/04, C11D 17/00, 3/37
- (11) WO 2004/044079 (13) A1
- (21) PCT/US2003/035478
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/291,167 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AEROSOL BILIGUID FOAM
- MOUSSE BILIGUIDE EN AEROSOL
- (71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) MOODYCLIFFE, Timothy, I.; 1325 N. Van Buren Street, #407, Milwaukee, WI 53202 (US). OAKESON, Ralph, W.; 349 Powerville Road, Boonton, NJ 07005 (US). WERKOWSKI, Lynn, M.; 9000 S. River Edge Drive, Oak Creek, WI 53154 (US).
- (74) MCDONALD, Frank, B.; S. C. JOHNSON & SON, INC., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM

- (51)⁷ C09G 1/04, C11D 17/04
- (11) WO 2004/044078 (13) A1
- (21) PCT/US2003/035477
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/291,284 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • WIPES IMPREGNATED WITH BILIGUID FOAM TREATING LIQUIDS
- LINGETTES IMPREGNEES DE LIQUIDES TRAITANTS A MOUSSE BILIGUIDE
- (71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) MOODYCLIFFE, Timothy, I.; 1325 N. Van Buren Street, #407, Milwaukee, WI 53202 (US). OAKESON, Ralph, W.; 349 Powerville Road, Boonton, NJ 07005 (US). WERKOWSKI, Lynn, M.; 9000 S. River Edge Drive, Oak Creek, WI 53154 (US).
- (74) MCDONALD, Frank, B.; S. C. JOHNSON & SON, INC., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)
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- (51)⁷ C09G 1/04, C11D 17/00, 3/37
- (11) WO 2004/044079 (13) A1
- (21) PCT/US2003/035478
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/291,167 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AEROSOL BILIGUID FOAM
- MOUSSE BILIGUIDE EN AEROSOL
- (71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).
- (72) MOODYCLIFFE, Timothy, I.; 1325 N. Van Buren Street, #407, Milwaukee, WI 53202 (US). OAKESON, Ralph, W.; 349 Powerville Road, Boonton, NJ 07005 (US). WERKOWSKI, Lynn, M.; 9000 S. River Edge Drive, Oak Creek, WI 53154 (US).
- (74) MCDONALD, Frank, B.; S. C. JOHNSON & SON, INC., 1525 Howe Street, Racine, WI 53403 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ C09J 7/00, 7/02

(11) WO 2004/044080 (13) A1

(21) PCT/EP2003/012591

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 521.8 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OBJET PROVIDED WITH PROTECTED
INFORMATION AND METHOD FOR
PRODUCING SAID OBJECT

• OBJET DOTE D'INFORMATIONS A
PROTEGER ET PROCEDE DE FABRI-
CATION DUDIT OBJET

(71) GIESECKE & DEVRIENT GMBH
[DE/DE]; Prinzregentenstrasse 159, 81677
München (DE).

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les États désignés sauf US)

(72, 75) BEIER, Horst-Michael [DE/DE]; Peter-
hofstrasse 12, 86163 Augsburg (DE). KOL-
BER, Lothar [DE/DE]; Schneemannstrasse
2, 81369 München (DE). KABITOGLOU,
Georgios [DE/DE]; Bahnhofstrasse 13,
82024 Taufkirchen (DE). RODRIGUEZ,
Gabriel [ES/ES]; Bellavista 24, 08440 Card-
edeu (ES).

(74) KLUNKER, SCHMITT-NILSON,
HIRSCH; Winzererstrasse 106, 80797
München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ C09J 11/00

(11) WO 2004/044081 (13) A1

(21) PCT/US2003/034419

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/289,506 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ORGANIC ACID CONTAINING COM-
POSITIONS AND METHODS FOR USE
THEREOF

• COMPOSITIONS CONTENANT DES
ACIDES ORGANIQUES ET PROCEDES
D'UTILISATION ASSOCIES

(71) HENKEL CORPORATION [US/US];
1001 Trout Brook Crossing, Rocky Hill, CT
06067 (US).

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les États désignés sauf US)

(72, 75) CHAN, Bruce, C., B., [US/US]; 14651
Clearbrook Drive, Chino Hills, CA 91709
(US). TODD, Michael, G., [US/US]; 6999
East Rutgers Drive, Anaheim Hills, CA
92807 (US).

(74) CUNNINGHAM, Marina, F., et al. / etc.;
McCormick, Paulding & Huber LLP, 185
Asylum Street, CityPlace II, Hartford, CT
06103-3402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C09J 103/02

(11) WO 2004/044082 (13) A1

(21) PCT/FR2003/003158

(22) 24 Oct/oct 2003 (24.10.2003)

(25) fr (26) fr

(30) 02/13910 6 Nov/nov 2002 FR
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AQUEOUS ADHESIVE COMPOSI-
TION BASED ON LEGUME STARCH

• COMPOSITION ADHESIVE AQUEUSE
A BASE D'AMIDON DE LEGUMI-
NEUSES.

(71) ROQUETTE, Freres [FR/FR]; f-62136
LESTREM (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOMBERT, Hervé [FR/FR]; 476, rue
Froide, F-62232 HINGES (FR). LADRET,
Marika [FR/FR]; 2, rue de la Chapelle,
F-59840 Lompret (FR). CORRIETTE, Pas-
cal [FR/FR]; 33 rue Bournoville, f-59660
Merville (FR). HOUZE, Régis [FR/FR];
3, Chemin Madame, f-59551 Tourmignies
(FR). BOUXIN, Christian [FR/FR]; 98, rue
de L'arbe de Paradis, f-59274 Marquillies
(FR).

(74) BOULINGUIEZ, Didier; Cabinet Plasser-
aud, 65,67 rue de la victoire, F-75440 Paris
Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ C09K

(11) WO 2004/044083 (13) A2

(21) PCT/US2003/035187

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,977 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DECORATIVE COMPOSITE MATE-
RIAL AND FUNCTIONAL ELEMENTS
CONSTRUCTED THEREFROM

• MATERIAU COMPOSITE DECORATIF
ET ELEMENTS FONCTIONNELS FA-
BRIQUES A PARTIR DE CE DERNIER

(71, 72) GREY, Dyan [US/US]; 401 East 81 st
Street, #4k New York, NY 10028 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BACARELLA, Robert [US/US]; 150
Davis Street, Hauppauge, NY 11788

(74) GORDON, David, P. et al. / etc.; 65 Woods
End Road, Stamford, CT 06905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C09K 3/00, C08J 9/14, C08G 18/00

(11) WO 2004/044084 (13) A1

(21) PCT/JP2003/014324

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-326829 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VAPOR PRESSURE DEPRESSANT
AND USE THEREOF

• REDUCTEUR DE PRESSION DE VAPEUR ET SON UTILISATION

(71) **DAIHACHI CHEMICAL INDUSTRY CO., LTD.** [JP/JP]; 8-13, Hiranomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP). **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) **TANAKA, Yoshinori** [JP/JP]; 2-13, Furuichi 2-chome, Habikino-shi, Osaka 583-0852 (JP). **TOKUYASU, Noriaki** [JP/JP]; 5-420, Koyanowaki, Kagiymachi, Tokai-shi, Aichi 477-0032 (JP). **HIBINO, Yasuo** [JP/JP]; 2-8-3-101, Tate, Shiki-shi, Saitama 353-0006 (JP). **HESAKU, Toshio** [JP/JP]; Sentoraru Garasu Fukuokaryo, 1-6-8, Minamidai, Kamifukuoka-shi, Saitama 356-0036 (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 KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 3/00, A61C 5/04, A61F 2/00, A61K 6/08

(11) **WO 2004/044085** (13) A1

(21) PCT/US2003/032413

(22) **14 Oct/oct 2003 (14.10.2003)**

(25) en (26) en

(30) 10/288,775 **6 Nov/nov 2002** US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TEMPORARY DENTAL CEMENTS HAVING REDUCED TOOTH SENSITIVITY

• CIMENTS DENTAIRES PROVISOIRES A SENSIBILITE REDUITE

(71) **ULTRADENT PRODUCTS, INC.** [US/US]; 505 West 10200 South, South Jordan, UT 84095 (US).

(72) **ALLRED, Peter, M.**; 3136 West 13680 South, Riverton, UT 84065 (US).

(74) **NYDEGGER, Rick, D.**; Workman Nydegger, 1000 Eagle Gate Tower, 60 East South Temple, Salt Lake City, Utah 84111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 C09K 3/18

(11) **WO 2004/044086** (13) A1

(21) PCT/US2003/017877

(22) **5 Jun/juin 2003 (05.06.2003)**

(25) en (26) en

(30) 60/425,977 **13 Nov/nov 2002** US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EMULSIONS FOR COMPOSITE MATERIALS

• EMULSIONS POUR MATERIAUX COMPOSITES

(71) **BORDEN CHEMICAL, INC.** [US/US]; 180 East Broad Street, Columbus, OH 43215 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WANTLING, Steven, J.** [US/US]; 116 Paradise Point Drive, Brandon, MO 39047 (US). **ZEPKA, Bonnie, S.** [US/US]; 502 Lymington Court, Louisville, KY 40243 (US).

(74) **VANWYCK, Kenneth, P.**; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 7/06

(11) **WO 2004/044087** (13) A1

(21) PCT/GB2003/004887

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/292,124 **12 Nov/nov 2002** US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INVERT DRILLING FLUIDS AND METHODS OF DRILLING BOREHOLES

• FLUIDES DE FORAGE INVERSES ET PROCEDE POUR LE FORAGE DE TROUS FORES

(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) **KIRSNER, Jeff** [US/US]; 8118 Clearwater Crossing, Humble, TX 77396 (US). **SIEMS, Don** [US/US]; 9310 Willow View Drive, Houston, TX 77080 (US). **BURROWS-LAWSON, Kimberly** [US/US]; 20914 Greenfield Trail, Kingwood, TX 77346 (US). **CARBAJAL, David** [US/US]; 11726 Yearling Drive, Houston, TX 77065 (US). **ROBB, Ian** [AU/US]; 726 Smith Road, Duncan, OK 73533 (US). **JAMISON, Dale, E.** [US/US]; 19729 Sweetgum Forest Drive, Humble, TX 77346 (US).

(74) **CURTIS, Philip, Anthony 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C09K 11/06, H05B 33/14, 33/22

(11) **WO 2004/044088** (13) A1

(21) PCT/JP2003/013366

(22) **20 Oct/oct 2003 (20.10.2003)**

(25) ja (26) ja

(30) 2002-327956 **12 Nov/nov 2002** JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MATERIAL FOR ORGANIC ELECTROLUMINESCENT DEVICE AND ORGANIC ELECTROLUMINESCENT DEVICE USING SAME

• MATERIAU POUR DISPOSITIF ELECTROLUMINESCENT ORGANIQUE, ET DISPOSITIF ELECTROLUMINESCENT ORGANIQUE UTILISANT LE-DIT MATERIAU

(71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUNAHASHI, Masakazu** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).

(74) **OHTANI, Tamotsu et al.** / etc.; OHTANI PATENT OFFICE, Bridgestone Toranomon Bldg. 6F., 25-2, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN IN 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 C09K 11/06, C07F 15/00, H01L 51/30, H05B 33/14, C07D 213/00

(11) WO 2004/044089 (13) A1

(21) PCT/US2003/035872

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/289,915 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ORGANOMETALLIC COMPOUNDS FOR USE IN ELECTROLUMINESCENT DEVICES

• COMPOSES ORGANOMETALLIQUES DESTINES A DES DISPOSITIFS ELECTROLUMINESCENTS

(71) UNIVERSAL DISPLAY CORPORATION [US/US]; 375 Phillips Boulevard, Ewing, NJ 08618 (US). THE UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 South Hope Street, Suite 313, Los Angeles, CA 90007-4344 (US).

(72) BROWN, Cory, S.; 2100 Jeremy Drive, Apt. 210, Monroeville, PA 15146 (US). KNOWLES, David, B.; 1006 Blueberry Drive, Apollo, PA 15613 (US). KWONG, Raymond; 6 Lee Court, Plainsboro, NJ 08536 (US). TUNG, Yeh-Jiun; 10223 Taylor Court, West Windsor, NJ 08550 (US). WALTERS, Robert; 5189 School Road South, Export, PA 15632 (US). DJUROVICH, Peter, I.; 1723 1/2 E. Second Street, Long Beach, CA 90802 (US). THOMPSON, Mark, E.; 4447 Pepper Creek Way, Anaheim, CA 92807 (US). MA, Bin; 507 Pinoak Drive, Monroeville, PA 15146 (US).

(74) MEAGHER, Thomas, F. 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C09K 11/79, C08K 3/34, 3/00, A01G 9/00, A61K 7/00

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(21) PCT/FR2003/003283

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/13832 5 Nov/nov 2002 FR (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIGHT TRANSFORMING MATERIAL COMPRISING AS ADDITIVE A BARIUM AND MAGNESIUM SILICATE

• MATERIAU TRANSFORMANT LA LUMIERE COMPRENANT COMME ADDITIF UN SILICATE DE BARYUM ET DE MAGNESIUM

(71) RHODIA ELECTRONICS AND CATALYSIS [FR/FR]; Z.I. - 26, rue Chef de Baie, F-17041 La Rochelle (FR).

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(72, 75) BLANC, Wilfried [FR/FR]; 14, avenue Boylesve, F-06100 Nice (FR). CEINTREY, Claude [FR/FR]; 17, Chemin de l'Auberdrie, F-78160 Marly-le-Roi (FR). FOUASSIER, Claude [FR/FR]; 12, rue de la Chênaie, F-33170 Gratignan (FR). LE MERCIER, Thierry [FR/FR]; 53 bis, Boulevard Arago, F-75013 Paris (FR).

(74) DUBRUC, Philippe; Direction de la Propriété Industrielle, 40, rue de la Haie-Coq, F-93306 Aubervilliers (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C09K 13/04, H01L 21/311, C09K 13/08

(11) WO 2004/044091 (13) A1

(21) PCT/US2003/028606

(22) 11 Sep/sep 2003 (11.09.2003)

(25) en (26) en

(30) 10/290,765 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLUORINATED SURFACTANTS FOR BUFFERED ACID ETCH SOLUTIONS

• TENSIOACTIFS FLUORES POUR SOLUTIONS TAMPONS DE MORDANTAGE A L'ACIDE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) PARENT, Michael J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SAVU, Patricia, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). FLYNN, Richard, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) KOKKO, Kent, S. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C09K 13/04, H01L 21/311, C09K 13/08

(11) WO 2004/044092 (13) A1

(21) PCT/US2003/029262

(22) 17 Sep/sep 2003 (17.09.2003)

(25) en (26) en

(30) 10/290,763 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLUORINATED SURFACTANTS FOR AQUEOUS ACID ETCH SOLUTIONS

• TENSIOACTIFS FLUORES POUR SOLUTIONS D'ATTAQUE AQUEUSES ACIDES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) PARENT, Michael J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SAVU, Patricia, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). FLYNN, Richard, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). ZHANG, Zhongxing; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). LAMANNA, William, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). QIU, Zai-Ming; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MOORE, George, G., I.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) KOKKO, Kent, S. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C09K 19/46

(11) WO 2004/044093 (13) A1

(21) PCT/EP2003/012327

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) 102 53 325.3 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTROOPTIC LIGHT CONTROL ELEMENT, ELECTROOPTIC DISPLAY AND CONTROL MEDIUM

• ELEMENT DE COMMANDE DE LUMIERE ELECTRO-OPTIQUE, AFFICHAGE ELECTRO-OPTIQUE ET SUBSTANCE DE COMMANDE

(71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(72, 75) HECKMEIER, Michael [DE/DE]; Gutenbergstrasse 7, 69502 Hemsbach (DE). CZANTA, Markus [DE/DE]; Albini-Strasse 9, 55116 Mainz (DE). GOETZ, Achim [DE/DE]; C. Mierendorf Strasse 14, 64665 Alsbach-Hähnlein (DE).

(74) MERCK PATENT GMBH; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10G

(11) WO 2004/044094 (13) A2

(21) PCT/US2003/034040

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 60/424,788 8 Nov/nov 2002 US (08.11.2002)

(30) 10/675,730 30 Sep/sep 2003 US (30.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR ASSESSING INHIBITION OF PETROLEUM CORROSION

• PROCEDE POUR EVALUER L'INHIBITION DE LA CORROSION PROVOQUEE PAR LE PETROLE

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(72) BLUM, Saul, Charles; 455 Harmony Way, Monroe, NJ 08831 (US). SARTORI, Guido; Via Sismondi 43, I-20133 Milan (IT). ROBBINS, Winston, Karl; 87 Salem Road, New Providence, NJ 07974 (US). MONETTE, Liza, Marie-Andree; 18W Cartouche Circle, Houston, TX 77382 (US). VOGEL, Andreas; In den Mittelgarten 2b, 76889 Steinfeld (DE). YEGANEH, Mohsen, Shahmirzadi; 202 Perrine Avenue, Piscataway, NJ 08854 (US).

(74) HANTMAN, Ronald, D. et al. / etc.; Exxonmobil Research and Engineering Company, 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10G

(11) WO 2004/044095 (13) A2

(21) PCT/US2003/036421

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,328 13 Nov/nov 2002 US (13.11.2002)

(30) 10/620,183 15 Jul/juil 2003 US (15.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CATALYTIC PARTIAL OXIDATION OF HYDROCARBONS

• OXYDATION CATALYTIQUE PARTICIELLE D'HYDROCARBURES

(71) REGENTS OF THE UNIVERSITY OF MINNESOTA [US/US]; 450 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, MN 55455-2070 (US).

(72) SCHMIDT, Lanny, D.; 4852 13th Avenue South, Minneapolis, MN 55417 (US). KRUMMENACHER, Jakob, J.; 320 7th Street SE, Apt. 304, Minneapolis, MN 55414 (US). WEST, Kevin, N.; 217 Ridgewood Avenue, Apt.105, Minneapolis, MN 55403 (US).

(74) MUETING, Ann, M.; Mueting, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C10G 27/04

(11) WO 2004/044096 (13) A1

(21) PCT/GB2003/004648

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 0226178.2 11 Nov/nov 2002 GB (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DESULPHURISATION

• DESULFURATION

(71) JOHNSON MATTHEY PLC [GB/GB]; 2-4 Cockspur Street, Trafalgar Square, London SW1Y 5BQ (GB).

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(72, 75) ABBOTT, Peter, Edward, James [GB/GB]; Glebe House, Muirfield Road, Eaglescliffe, Cleveland TS16 9EJ (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C10G 45/58, 45/60, 45/64, B01J 29/40, 29/44, 29/70, 29/74, 29/80

(11) WO 2004/044097 (13) A1

(21) PCT/US2002/036521

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR MAKING A LUBE BASESTOCK

• PROCEDE DE PRODUCTION D'UNE HUILE DE BASE LUBRIFIANTE

(63) US 09/601,867 (CIP) 2 Oct/oct 2000 (02.10.2000)

(71) EXXONMOBIL RESEARCH AND ENGINEERING COMPANY [US/US]; 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

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(74) **HUGHES, Gerard, J. et al. / etc.**; Exxon-Mobil Research and Engineering Co., 1545 Route 22 East, P.O. Box 900, Annandale, NJ 08801-0900 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C10G 47/16, 47/18, 47/20, B01J 29/10, 29/12, 29/16

(11) WO 2004/044098 (13) A1

(21) PCT/US2003/032141

(22) 10 Oct/oct 2003 (10.10.2003)

(25) en (26) en

(30) 10/291,061 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXTREMELY LOW ACIDITY USY AND HOMOGENEOUS, AMORPHOUS SILICA-ALUMINA HYDROCRACKING CATALYST AND PROCESS

• CATALYSEUR D'HYDROCRACKAGE A BASE DE SILICE/ALUMINE AMORPHE, HOMOGÈNE ET A ZEOLITHE Y ULTRA STABLE A TRES FAIBLE ACIDITE ET PROCEDE

(71) **CHEVRON U.S.A. INC.** [US/US]; 6001 Bollinger Canyon Road, Building T, 3rd Floor, San Ramon, CA 94583 (US).

(72) **TIMKEN, Hye, Kyung, C.**; 710 Pomona Avenue, Albany, CA 94706 (US).

(74) **ROTH, Steven, H. et al. / etc.**; ChevronTexaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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(51)⁷ C10G 47/16, 47/18, 47/20, B01J 29/10, 29/12, 29/16

(11) WO 2004/044099 (13) A1

(21) PCT/US2003/032144

(22) 10 Oct/oct 2003 (10.10.2003)

(25) en (26) en

(30) 10/290,791 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXTREMELY LOW ACIDITY ULTRASTABLE Y ZEOLITE CATALYST COMPOSITION AND PROCESS

• COMPOSITION CATALYTIQUE A BASE DE ZEOLITE ULTRASTABLE ET A ACIDITE EXTREMEMENT FAIBLE, ET PROCEDE

(71) **CHEVRON U.S.A. INC.** [US/US]; 6001 Bollinger Canyon Road, Building T, Third Floor, San Ramon, CA 94583 (US).

(72) **TIMKEN, Hye, Kyung, C.**; 710 Pomona Avenue, Albany, CA 94706 (US). **BULL, Lucy, Melinda**; 1205 McDonald Drive, Pinole, CA 94564 (US). **HARRIS, Thomas, V.**; 183 W. Seaview Drive, Benicia, CA 94510 (US).

(74) **ROTH, Steven, H. et al. / etc.**; ChevronTexaco Corporation, Law Department, P.O. Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C10G 47/16, 47/18, 47/20, B01J 29/10, 29/12, 29/16

(11) WO 2004/044100 (13) A1

(21) PCT/US2003/035130

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/290,791 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXTREMELY LOW ACIDITY ULTRASTABLE Y ZEOLITE CATALYST COMPOSITION AND PROCESS

• COMPOSITION DE CATALYSEUR DE ZEOLITHE Y ULTRASTABLE ET A TRES FAIBLE ACIDITE ET PROCEDE

(71) **CHEVRON U.S.A. INC.** [US/US]; 6001 Bollinger Canyon Road, Building T, Third Floor, San Ramon, CA 94583 (US).

(72) **TIMKEN, Hye, Kyung, C.**; 710 Pomona Avenue, Albany, CA 94706 (US). **BULL, Lucy, Melinda**; 1205 McDonald Drive, Pinole, CA 94564 (US). **HARRIS, Thomas, V.**; 183 West Seaview Drive, Benicia, CA 94510 (US).

(74) **ROTH, Steven, H. et al. / etc.**; ChevronTexaco Corporation, Law Department, Post Office Box 6006, San Ramon, CA 94583-0806 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C10L 1/00

(11) WO 2004/044101 (13) A2

(21) PCT/GB2003/004955

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226516.3 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVEMENTS RELATING TO FUEL CONDITIONING

• AMELIORATIONS RELATIVES AU CONDITIONNEMENT DE COMBUSTIBLE

(71, 72) **MCVITTY, Aaron** [GB/GB]; 32 Old Manse Road, Jordanstown BT37 0RU (GB).

(74) **MURGITROYD & COMPANY**; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C10L 1/00, 3/06, B09B 3/00, C02F 11/08, F23R 3/28, F02C 3/20, F01P 3/20

(11) WO 2004/044102 (13) A1

(21) PCT/JP2003/014394

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-365884 13 Nov/nov 2002 JP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SLURRY PRODUCTION AND STORAGE SYSTEM UTILIZING WASTE HEAT

• SYSTEME DE PRODUCTION ET DE STOCKAGE DE SUSPENSION EPAISSE UTILISANT LA CHALEUR PERDUE

(71) THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED [JP/JP]; 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SUETAKE, Satoru [JP/JP]; c/o THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED, 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP). YAMAGUCHI, Takeshi [JP/JP]; c/o THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED, 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP). NAGAI, Shoji [JP/JP]; c/o THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED, 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) AU BR CN PH US VN.

(51)⁷ C10L 1/00, 3/06, B09B 3/00, C02F 11/08, F23R 3/28, F02C 3/20, F01P 3/20

(11) WO 2004/044103 (13) A1

(21) PCT/JP2003/014395

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-365884 13 Nov/nov 2002 JP
(13.11.2002)(30) 2002-365885 13 Nov/nov 2002 JP
(13.11.2002)(30) 2002-365886 13 Nov/nov 2002 JP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMBUSTION SYSTEM USING ORGANIC WASTE

• SYSTEME DE COMBUSTION A DECHETS ORGANIQUES

(71) THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED [JP/JP]; 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP).

(72) SUETAKE, Satoru; c/o THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED, 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP). NAGAI, Shoji; c/o THE TOKYO ELECTRIC POWER COMPANY, INCORPORATED, 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-8560 (JP).

(74) KAWAGUCHI, Yoshiyuki et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) ID.

(51)⁷ C10L 1/02, 1/18

(11) WO 2004/044104 (13) A1

(21) PCT/EP2003/007310

(22) 8 Jul/juil 2003 (08.07.2003)

(25) de (26) de

(30) 102 52 715.6 13 Nov/nov 2002 DE
(13.11.2002)(30) 102 52 714.8 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF 2,4-DI-TERT-BUTYLHYDROXYTOLUENE FOR INCREASING THE STORAGE STABILITY OF BIO-DIESEL

• UTILISATION DE 2,4-DI-TERT-BUTYLHYDROXYTOLUENE POUR ACCROITRE LA STABILITE AU STOCKAGE D'UN BIODIESEL

(71) BAYER CHEMICALS AG [DE/DE]; 51368 Leverkusen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) INGENDO, Axel [DE/DE]; Engstenberger Höhe 10, 51519 Odenthal (DE). ROTHER, Christian [DE/DE]; Heiderhof 26, 51519 Odenthal (DE). HEISE, Klaus-Peter [DE/DE]; Am Gartenfeld 74, 51519 Odenthal (DE).

(74) BAYER CHEMICALS AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C10L 1/02

(11) WO 2004/044105 (13) A1

(21) PCT/ES2003/000574

(22) 13 Nov/nov 2003 (13.11.2003)

(25) es (26) es

(30) P200202607 13 Nov/nov 2002 ES
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VERSATILE BIOFUEL WHICH CAN BE USED IN ANY TYPE OF STANDARD BURNER OR INTERNAL COMBUSTION ENGINE

• BIOCOMBUSTIBLE A USAGES MULTIPLES POUVANT ETRE UTILISE DANS N'IMPORTE QUEL TYPE DE MOTEUR A COMBUSTION INTERNE OU BRULEUR CLASSIQUE

(71, 72) SAMPER MONTES, Angel, L. [ES/ES]; Plaza Reyes Magos, 10, 28007 Madrid (ES).

(74) ELZABURU, Alberto, de; Miguel Angel, 10, E-28010 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C10L 1/06

(11) WO 2004/044106 (13) A1

(21) PCT/GB2003/004777

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 0226587.4 14 Nov/nov 2002 GB
(14.11.2002)(30) 10/294,210 14 Nov/nov 2002 US
(14.11.2002)(30) 60/493,030 5 Aug/août 2003 US
(05.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AVIATION GASOLINE COMPOSITION, ITS PREPARATION AND USE

• COMPOSITION DE CARBURANT D'AVIATION, PREPARATION ET UTILISATION

(71) BP OIL INTERNATIONAL LIMITED [GB/GB]; Britanic House, 1 Finsbury Circus, London EC2M 7BA (GB).

(72) CLARK, Alisdair, Quentin; 18 Britten Close, Ash, Aldershot, Hampshire GU12 6LS (GB).

(74) PERKINS, Nicholas, David; BP International Limited, Patent & Agreements, Chertsey Road, Sunbury on Thames, Middlesex TW16 7LN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(s) for all designations / pour toutes les
désignations

(51)⁷ C10L 1/32

(11) WO 2004/044107 (13) A1

(21) PCT/EP2003/050822

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 02257805.8 13 Nov/nov 2002 EP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIESEL FUEL COMPOSITIONS

• COMPOSITIONS DE CARBURANT
DIESEL

(71) SHELL INTERNATIONALE RE-
SEARCH MAATSCHAPPIJ B.V.
[NL/NL]; Carel van Bylandtlaan 30, NL-2596
HR The Hague (NL).

(72) CLARK, Richard Hugh; Pool Lane, Ince,
Chester, Cheshire CH2 4NU (GB). MOR-
LEY, Christopher; Pool Lane, Ince, Chester,
Cheshire CH2 4NU (GB). STEVENSON,
Paul Anthony; Pool Lane, Ince, Chester,
Cheshire CH2 4NU (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ C10M 143/04, 169/04 // C08F 210/16,
(C10M 169/04, 101:02, 107:02, 143:04),
C10N 20:00, 20:02, 20:04, 30:02, 40:25

(11) WO 2004/044108 (13) A1

(21) PCT/JP2003/014311

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-327750 12 Nov/nov 2002 JP
(12.11.2002)

(30) 2002-352240 4 Dec/déc 2002 JP
(04.12.2002)

(30) 2002-353129 4 Dec/déc 2002 JP
(04.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LUBRICATING OIL COMPOSITION
AND INTERNAL COMBUSTION EN-
GINE OIL

• COMPOSITION D'HUILE DE LUBRI-
FICATION ET MOTEUR A COMBUS-
TION INTERNE

(71) MITSUI CHEMICALS, INC. [JP/JP];
1-5-2, Higashi-Shimbashi, Minato-ku, Tokyo
105-7117 (JP). THE LUBRIZOL COR-
PORATION [US/US]; 29400 Lakeland
Boulevard, Wickliffe, OH 44092-2298 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KANESHIGE, Ryousuke [JP/JP];
c/o MITSUI CHEMICALS, INC., 3, Chi-
gusakaigan, Ichihara-shi, Chiba 299-0108
(JP). OKADA, Keiji [JP/JP]; c/o MIT-
SUI CHEMICALS, INC., 580-32, Na-
gaura, Sodegaura-shi, Chiba 299-0265 (JP).
KAWASAKI, Masaaki [JP/JP]; c/o MIT-
SUI CHEMICALS, INC., 3, Chigusaigaigan,
Ichihara-shi, Chiba 299-0108 (JP). IKEDA,
Satoshi [JP/JP]; c/o MITSUI CHEMICALS,
INC., 3, Chigusaigaigan, Ichihara-shi, Chiba
299-0108 (JP).

(74) SUZUKI, Shunichiro; S.SUZUKI & ASSO-
CIATES, Gotanda Yamazaki Bldg. 6F, 13-6,
Nishigotanda 7-chome, Shinagawa-ku, Tokyo
141-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C10M 159/22, 163/00

(11) WO 2004/044109 (13) A2

(21) PCT/US2003/034857

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 10/288,857 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BORON CONTAINING OVERBASED
CALIXARATES AND LUBRICANTS
AND METHODS THEREOF

• DES CALIXARATES ET LUBRIFIANTS
EN SUS DE LA BASE CONTENANT DU
BORE ET METHODES S'Y RAPPOR-
TANT

(71) THE LUBRIZOL CORPORATION
[US/US]; 29400 Lakeland Boulevard, Wick-
liffe, OH 44092-2298 (US).

(72) CRESSEY, David; 27 Bradwell Way,
Belper, Derbyshire DE56 1NJ (GB). MORE-
TON, David, J.; Chevin Brae, Morrells Lane,
Chevin Road, Milford, Belper, Derbyshire
DE56 0QH (GB). DURHAM, D., John; 33

Nailers Way, Belper, Derbyshire DE56 0HT
(GB).

(74) MUNSON, Jeffrey, F. et al. / etc.; The Lubri-
zol Corporation, 29400 Lakeland Boulevard,
Wickliffe, OH 44092-2298 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C10M 173/02

(11) WO 2004/044110 (13) A1

(21) PCT/US2003/033986

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 10/294,851 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONVEYOR LUBRICANTS FOR USE
IN THE FOOD AND BEVERAGE IN-
DUSTRIES

• LUBRIFIANTS POUR TRANSPOR-
TEURS DESTINES A ETRE UTILISES
DANS L'INDUSTRIE ALIMENTAIRE
ET DANS L'INDUSTRIE DES BOIS-
SONS

(71) ECOLAB INC. [US/US]; Ecolab Center,
Saint Paul, MN 55102 (US).

(72) RUHR, Richard, O.; 3864 Colbert Avenue
N.W., Buffalo, MN 55313 (US). WICH-
MAN, Gerald; 9351 Dallas Lane North,
Maple Grove, MN 55369 (US). PAQUE-
TTE, Cathy; 551 113th Lane NW, Coon
Rapids, MN 55448 (US). GUTZMANN,
Tim; 616 Crimson Leaf Court, Eagan, MN
55123 (US).

(74) SORESENSEN, Andrew, D.; Ecolab Inc., 840
Sibley Memorial Highway, Mendota Heights,
MN 55118 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 : (a)

(51)⁷ C11C

(11) WO 2004/044111 (13) A2

(21) PCT/US2003/033079

(22) 17 Oct/oct 2003 (17.10.2003)

(25) en (26) en

(30) 10/292,209 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WIND RESISTANT CANDLE
• BOUGIE RESISTANT AU VENT

(71, 72) STENGER, Earl, M. [US/US]; 24 Donore Square, San Antonio, TX 78229 (US).

(74) O'NEILL, Kirt, S.; Akin Gump Strauss Hauer & Feld, L.L.P., P.O. Box 12870, San Antonio, TX 78212 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C11C 5/00

(11) WO 2004/044112 (13) A1

(21) PCT/US2003/035932

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/295,056 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SELF EXTINGUISHING CANDLES AND METHOD OF MAKING SAME
• BOUGIES AUTO-EXTINGUIBLES ET PROCEDE DE FABRICATION(71) PENRECO [US/US]; 910 Louisiana, Suite 400, Houston, TX 77002 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ELLIOTT III, David [US/US]; 1315 Crystal Lake Circle East, Pearland, TX 77584 (US). MORRISON, David, S. [US/US]; 67 Alderon Woods Place, The Woodlands, TX 77382 (US). THOMPSON, Julie, F. [US/US]; 34 Clingston Place, The Woodlands, TX 77382 (US).

(74) FRIEDRICH, Valerie, K.; Jenkins & Gilchrist, 1401 McKinney, Suite 2700, Houston, TX 77010-4034 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C11D

(11) WO 2004/044113 (13) A2

(21) PCT/US2003/035797

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/294,816 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FABRIC SOFTENING COMPOSITION CONTAINING ESTERQUAT WITH SPECIFIC ESTER DISTRIBUTION AND SEQUESTANT

• COMPOSITION D'ADOUCEMENT DE TISSU CONTENANT UN ESTERQUAT AVEC UNE DISTRIBUTION D'ESTER SPECIFIQUE ET UN SEQUESTANT

(71) COLGATE-PALMOLIVE COMPANY [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) CRUTZEN, Andre; Avenue de Petit Bourgogne 83, B-4000 Liege-Sclessin (BE).

(74) LIEBERMAN, Bernard; Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, Piscataway, NJ 08855-1343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ C11D 3/37, 1/62, 3/00

(11) WO 2004/044114 (13) A1

(21) PCT/FR2003/003183

(22) 27 Oct/oct 2003 (27.10.2003)

(25) fr (26) fr

(30) 02/13950 7 Nov/nov 2002 FR
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTI-CREASING COMPOSITION COMPRISING A COPOLYMER HAVING A CONTROLLED ARCHITECTURE, FOR ITEMS CONSISTING OF TEXTILE FIBRES

• COMPOSITION D'ANTIFROISSAGE COMPRENANT UN COPOLYMER A ARCHITECTURE CONTRÔLÉE, POUR ARTICLES EN FIBRES TEXTILES

(71) RHODIA CHIMIE [FR/FR]; 26 quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cédex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HARRISON, Ian [GB/FR]; 69 avenue Georges Berteaux, F-78300 POISSY (FR). DESTARAC, Mathias [FR/FR]; 64 boulevard du Port-Royal, F-75005 PARIS (FR). GEFFROY, Cédric [FR/FR]; Résidence de la Porte de Paris, 1 impasse de la Petite Villette, F-86000 POITIERS (FR).

(74) FABRE, Madeleine-France et al. / etc.; RHODIA SERVICES, 40 rue de la Haie-Coq, F-93306 AUBERVILLIERS CEDEX (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C11D 3/37, 1/62, 1/66, 1/74, 1/58, 1/40

(11) WO 2004/044115 (13) A1

(21) PCT/US2003/034941

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/290,595 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS USEFUL AS RINSE CYCLE FABRIC SOFTENERS

• COMPOSITIONS UTILES EN TANT QU'ADOUCEMENT TEXTILES PENDANT LE CYCLE DE RINÇAGE

(71) OPTIMER, INC. [US/US]; 403 Marsh Lane, Wilmington, DE 19804-2402 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATZ, Manfred [US/US]; 310 Brockton Road, Wilmington, DE 19803 (US).

(74) ELDERKIN, Dianne, B. et al. / etc.; Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 C12C 13/00, C12G 3/00

(11) WO 2004/044116 (13) A1

(21) PCT/US2003/035143

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/289,033 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANAEROBIC FERMENTATION METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE FERMEN- TATION ANAEROBIE

(71, 72) PAZIK, Andre, J. [US/US]; 853 East Robinson Street, North Tonawanda, NY 14120 (US). KORNACKI, Daniel, C. [US/US]; 1165 Oliver Street, North Tonawanda, NY 14120 (US).

(74) TRACY, Edward, Jr.; Simpson & Simpson, PLLC, 5555 Main Street, Williamsville, NY 14221-5406 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12H

(11) WO 2004/044117 (13) A2

(21) PCT/US2003/035135

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/423,988 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS AND APPARATUS FOR INFUSING CRANBERRY

• PROCEDE ET APPAREIL DE TRAITEMENT DE CANNEBERGES

(71, 72) SCHWARZ, John, C. [US/US]; Box 2123, Great Falls, MT 59403 (US).

(74) JONES, Brian, C.; Blank Rome LLP, 600 New Hampshire Avenue, Suite 1100, Washington, DC 20037 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, B01D 33/70, 53/02

(11) WO 2004/044118 (13) A1

(21) PCT/US2003/026336

(22) 19 Aug/août 2003 (19.08.2003)

(25) en (26) en

(30) 10/290,900 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BIOLOGICAL FILTER APPARATUS WITH MULTIPLE FILTER UNITS
• APPAREIL DE FILTRES BIOLOGIQUES A UNITES DE FILTRES MULTIPLES

(71) BIO-REACTION INDUSTRIES, LLC [US/US]; 9673 S.W. Tualatin-Sherwood Road, Tualatin, OR 97062 (US).

(72) COOKE, James, A.; 17265 N.W. Meadow-grass Drive, Beaverton, OR 97062 (US).

(74) SMITH-HILL, John; Smith-Hill and Bedell, P.C., 12670 N.W. Barnes Road, Suite 104, Portland, OR 97229 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12M 1/26, 1/12

(11) WO 2004/044119 (13) A1

(21) PCT/EP2003/012362

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 217.0 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SAMPLING VALVE AND METHOD FOR THE STERILE TAKING OF SAMPLES FROM FERMENTERS OR BIOREACTORS BY MEANS OF SAID SAMPLING VALVE

• VALVE DE PRELEVEMENT ET PROCEDE CORRESPONDANT PERMETTANT LE PRELEVEMENT STERILE D'ECHANTILLONS DANS DES FERMENTEURS OU BIOREACTEURS

(71) SARTORIUS AG [DE/DE]; Weender Landstr. 94-108, 37075 Göttingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIETSCHER, Wolfgang [DE/DE]; Bahnhofstr. 1, 34320 Soehrewald (DE). SCHOLZE, Friedel [DE/DE]; Quillerstr. 50, 34212 Melsungen (DE).

(74) SCHMIDT, D.; Sartorius AG, Patentabteilung-BT, Weender Landstrasse 94-108, 37075 Göttingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12M 3/00

(11) WO 2004/044120 (13) A2

(21) PCT/US2003/035005

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/290,001 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTIWELL INSERT DEVICE THAT ENABLES LABEL FREE DETECTION OF CELLS AND OTHER OBJECTS

• DISPOSITIF D'INSERTION PRESENTANT PLUSIEURS CUPULES PERMETTANT UNE DETECTION SANS MARQUEUR DE CELLULES ET D'AUTRES OBJETS

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) PICARD, Laurent, Alain, Gabriel; 115 E. Fourth Street, Corning, NY 14830 (US).

(74) BEALL, Thomas, R.; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (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 C12M 3/00

(11) WO 2004/044121 (13) A1

(21) PCT/US2003/035790

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,897 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHODS TO
PROCESS SUBSTRATE SURFACE
FEATURES• DISPOSITIFS ET PROCÉDES SER-
VANT À TRAITER LES CARACTÉ-
RISTIQUES DE SURFACE D'UN SUB-
STRAT(71) IRM, LLC [US/US]; Sofia House, 48
Church Street, Hamilton HM LK (BM).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MAINQUIST, James, Kevin [US/US];
12695 Aida Street, San Diego, CA 92130
(US). GEIERSTANGER, Bernhard, H.
[GE/US]; 155 15th Street, Apt. #2, Del
Mar, CA 92014 (US). TULLY, David, C.
[US/US]; 4278 Calle Isabelino, San Diego,
CA 92130 (US).(74) QUINE, Jonathan, Alain et al. / etc.;
P.O.Box 458, Alameda, CA 94501 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ C12N

(11) WO 2004/044122 (13) A2

(21) PCT/IB2003/005252

(22) 24 Sep/sep 2003 (24.09.2003)

(25) en (26) en

(30) 10/293,148 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PARALLEL OR ANTIPARALLEL, HO-
MOLOGOUS OR COMPLEMENTARY
BINDING OF NUCLEIC ACIDS OR
ANALOGUES THEREOF TO FORM
DUPLEX, TRIPLEX OR QUADRU-
PLEX COMPLEXES• LIAISON PARALLELE OU ANTI-
PARALLELE, HOMOLOGUE OU
COMPLEMENTAIRE D'ACIDES NU-
CLEIQUES OU DE LEURS ANA-
LOGUES POUR FORMER DES COM-
PLEXES DUPLEX, TRIPLEX OU QUA-
DRUPLEX(71) INGENEUS CORPORATION [BB/BB];
Chancery House, High Street, Bridgetown
(BB).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) ERIKSON, Glen, H. [CA/BS]; P.O.
Box 3001, Nassau (BS). DAKSIS, Jasmine,
I. [CA/CA]; 36 Cartier Crescent, Richmond
Hill, Ontario L4C 2N2 (CA). KANDIC,
Ivana [CA/CA]; 111 Ridelle Avenue, Apart-
ment 906, Toronto, Ontario M6B 1J7 (CA).
PICARD, Pierre [CA/CA]; 1775 Valliere,
Laval, Québec H7M 3B1 (CA).(74) TENER, David, M.; CAESAR, RIVISE,
BERNSTEIN, COHEN & POKOTILOV,
LTD., Seven Penn Center, 1635 Market
Street, 12th Floor, Philadelphia, PA 19103
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ C12N

(11) WO 2004/044123 (13) A2

(21) PCT/IL2003/000970

(22) 16 Nov/nov 2003 (16.11.2003)

(25) en (26) en

(30) 10/293,338 14 Nov/nov 2002 US
(14.11.2002)(30) 10/310,914 6 Dec/déc 2002 US
(06.12.2002)(30) 10/321,503 18 Dec/déc 2002 US
(18.12.2002)(30) 10/345,201 16 Jan/jan 2003 US
(16.01.2003)(30) 60/468,251 7 May/mai 2003 US
(07.05.2003)(30) 10/604,726 13 Aug/août 2003 US
(13.08.2003)(30) 10/604,727 13 Aug/août 2003 US
(13.08.2003)(30) 10/604,926 27 Aug/août 2003 US
(27.08.2003)(30) 10/649,653 28 Aug/août 2003 US
(28.08.2003)(30) 10/651,227 29 Aug/août 2003 US
(29.08.2003)(30) 10/604,985 29 Aug/août 2003 US
(29.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BIOINFORMATIALLY DETECTABLE
GROUP OF NOVEL REGULATORY
GENES AND USES THEREOF• GROUPE DE NOUVEAUX GENES
REGULATEURS DETECTABLE DE
MANIERE BIOINFORMATIQUE ET
SES UTILISATIONS(71) ROSETTA GENOMICS LTD. [IL/IL]; 10
Plaut Street, Science Park, 76706 Rehovot
(IL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) BENTWICH, Itzhak [IL/IL]; Rosetta
Genomics Ltd., 10 Plaut Street, Science Park,
76706 Rehovot (IL).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (g2)

(51)⁷ C12N

(11) WO 2004/044124 (13) A2

(21) PCT/US2003/015453

(22) 16 May/mai 2003 (16.05.2003)

(25) en (26) en

(30) 60/381,408 17 May/mai 2002 US
(17.05.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IDENTIFICATION OF OLIGOADENY-
LATE SYNTHETASE-LIKE GENES• IDENTIFICATION DE GENES DU
TYPE OLIGOADENYLATE SYNTHÉ-
TASE(71) BAYLOR COLLEGE OF MEDICINE
[US/US]; One Baylor Plaza, Suite 106A,
Houston, TX 77030 (US). WYETH [US/US];
Five Giralda Farms, Madison, NJ 07940 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MATZUK, Martin, M. [US/US]; 2926
Russett Place West, Pearland, TX 77584
(US). YAN, Wei [CN/US]; 2213 South
Braeswood #13H, Houston, TX 77030 (US).
BAI, Yuchen [CN/US]; 2 Snapdragon Drive,
Newton, PA 18940 (US).(74) ACOSTA, Melissa, W. et al. / etc.; Ful-
bright & Jaworski L.L.P., 1301 McKinney,
Suite 5100, Houston, TX 77010-3095 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C12N

(11) WO 2004/044125 (13) A2

(21) PCT/US2003/015714

(22) 15 May/mai 2003 (15.05.2003)

(25) en (26) en

(30) 60/381,053 15 May/mai 2002 US
(15.05.2002)(30) 60/393,951 2 Jul/juil 2002 US
(02.07.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VESICLE-ASSOCIATED PROTEINS

• PROTEINES ASSOCIEES A LA VESICULE

(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) CHAWLA, Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). MARQUIS, Joseph, P. [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). KHARE, Reena [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). KABLE, Amy, E. [US/US]; 2345 Polk Street #4, San Francisco, CA 94109 (US). BULLOCH, Sean, A. [US/US]; 175 Calvert Drive #B-102, Cupertino, CA 95014 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). DUGGAN, Brendan, M. [AU/US]; 243 Buena Vista Avenue # 306, Sunnyvale, CA 94086 (US). ELLIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). GRIFFIN, Jennifer, A. [US/US]; 33691 Mello Way, Fremont, CA 94555 (US).

(74) HAMLET-COX, Diana et al. / etc.; Incyte Corporation, 3160 Porter Drive, Palo Alto, CA 94304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 C12N

(11) WO 2004/044126 (13) A2

(21) PCT/US2003/032734

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/426,253 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL PROTEINS AND THEIR USES

• NOUVELLES PROTEINES ET LEURS UTILISATIONS

(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) NA, Songqing [US/US]; 14298 Jessi Lane, Carmel, IN 46033 (US). PERKINS, Douglas, Raymond [US/US]; 6570 West Cross Trail, New Palestine, IN 46163 (US).

(74) LAGRANDEUR, Thomas, E. et al. / etc.; Eli Lilly and Company, P.O. Box 6288, Indianapolis, IN 46206-6288 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement(51)⁷ C12N

(11) WO 2004/044127 (13) A2

(21) PCT/US2003/033368

(22) 20 Oct/oct 2003 (20.10.2003)

(25) en (26) en

(30) 60/424,835 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STEM CELL POPULATIONS

• POPULATIONS DE CELLULES SOUCHES

(71) VIACELL, INC. [US/US]; One Innovation Drive, Worcester, MA 01605 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRAUS, Morey [US/US]; 109 Moscow Road, Jefferson, MA 01522 (US).

(74) FRENCH, Timothy, A.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) WO 2004/044128 (13) A2

(21) PCT/US2003/033717

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 60/420,826 24 Oct/oct 2002 US
(24.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN ASSOCIATIVE ANALYSIS OF GENE EXPRESSION ARRAY DATA

• ANALYSE ASSOCIATIVE DE DONNEES DE RESEAU D'EXPRESSION GENETIQUE

(63) US 60/420.826 (CON)
24 Oct/oct 2002 (24.10.2002)(71) OKLAHOMA MEDICAL RESEARCH FOUNDATION [US/US]; 825 Northeast 13th Street, Oklahoma City, OK 73104 (US).
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(74) BARRETT, Michael, C.; Fulbright & Jaworski, L.L.P., 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 2004/044129 (13) A2
- (21) PCT/US2003/034008
- (22) 23 Oct/oct 2003 (23.10.2003)
- (25) en (26) en
- (30) 60/424,649 6 Nov/nov 2002 US (06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • XYLOSE ISOMERASES, NUCLEIC ACIDS ENCODING THEM AND METHODS FOR MAKING AND USING THEM
- XYLOSE ISOMERASES, ACIDES NUCLEIQUES LES CODANT ET LEUR METHODES DE FABRICATION ET D'UTILISATION
- (63) US 60/424,649 (CIP) 6 Nov/nov 2002 (06.11.2002)
- (71) DIVERSA CORPORATION [US/US]; 4955 Directors Place, San Diego, CA 92121-1609 (US).
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- (72, 75) CALLEN, Walter [US/US]; Intellectual Property Department, P.O. Box 910550, San Diego, CA 92191-0550 (US).
- (74) EINHORN, Gregory, P.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 2004/044130 (13) A2
- (21) PCT/US2003/034603
- (22) 30 Oct/oct 2003 (30.10.2003)
- (25) en (26) en
- (30) 10/293,103 13 Nov/nov 2002 US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR PRODUCING FROM MICROBIAL SOURCES ENZYMES HAVING MULTIPLE IMPROVED CHARACTERISTICS
- METHODES DE PRODUCTION D'ENZYMES, A PARTIR D'ENZYMES DE SOURCES MICROBIENNES, PRESENTANT PLUSIEURS CARACTERISTIQUES AMELIOREES

- (71) KEMIN INDUSTRIES, INC. [US/US]; Krisit Krafka, 2100 Maury Street, Des Moines, IA 50301 (US).
- (72) BRINKHAUS, Friedhelm; 23415 12th Street, West Des Moines, IA 50265 (US). SALAMONE, Peter; 4636 E.P. Truc Parkway, Apt. #207, West Des Moines, IA 50265 (US). MOORE, Michelle; 6788 McVay Drive, Des Moines, IA 50313 (US). NUT-SIBIDZE, Nugzar; 4717 85th Street, Urbandale, IA 50322 (US). FONDA, Michelle; 604 Apple Tree Lane, Meadow Vista, CA 95722 (US). BROWN, Mathew; 5503 Darby Road, Rocklin, CA 95765 (US). LOSER, Karen; 676 Dorothy Way, Auburn, CA 95603 (US). GENNITY, Ingrid; 720 Terrace Avenue, Fresno, CA 93704 (US). EVERETT, Nicholas; 604 Apple Tree Lane, Meadow Vista, CA 95722 (US).
- (74) HERINK, Kent; Davis, Brown, Koehn, Shors & Roberts, P.C., The Financial Center, 666 Walnut Street, Suite 2500, Des Moines, IA 50309 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PG PH PL PT 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 C12N
- (11) WO 2004/044131 (13) A2
- (21) PCT/US2003/034913
- (22) 3 Nov/nov 2003 (03.11.2003)
- (25) en (26) en
- (30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)
- (30) 10/606,510 26 Jun/juin 2003 US (26.06.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CROSS-LINKED OLIGOMERIC COMPOUNDS AND THEIR USE IN GENE MODULATION
- COMPOSES OLIGOMERES RETICULES ET LEUR UTILISATION DANS LA MODULATION DES GENES
- (71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
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- (72, 75) MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BAKER, Brenda [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Ann [DK/US]; 1190 Encinitas Boulevard #252, Encinitas, CA 92024 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US).
- (74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

- Thazha, P. [IN/US]; 6928 Peartree Drive, Carlsbad, CA 92009 (US). CROOKE, Stanley, A. [US/US]; 3211 Piragua Street, Carlsbad, CA 92008 (US).
- (74) GODDARD, Christine, A.; 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 2004/044132 (13) A2
- (21) PCT/US2003/035063
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) en (26) en
- (30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MODIFIED OLIGONUCLEOTIDES FOR USE IN RNA INTERFERENCE
- OLIGONUCLEOTIDES MODIFIES A UTILISER DANS L'INTERFERENCE DE L'ARN
- (71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
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- (72, 75) BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, # 252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US).
- (74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT 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 2004/044133 (13) A2

(21) PCT/US2003/035064

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MODIFIED OLIGONUCLEOTIDES FOR USE IN RNA INTERFERENCE

• OLIGONUCLEOTIDES MODIFIES UTILISES DANS L'INTERFERENCE D'ARN

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, # 252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard, H. [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044134 (13) A2

(21) PCT/US2003/035067

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)

(30) 10/460,433 12 Jun/juin 2003 US (12.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHOSPHOROUS-LINKED OLIGOMERIC COMPOUNDS AND THEIR USE IN GENE MODULATION

• COMPOSES OLIGOMERIQUE LIES PAR PHOSPHORE ET UTILISATION DANS LA MODULATION DE GENE

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Ann, B. [DK/US]; 1190 Encinitas Blvd., #252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US). PRAKASH, Thazha, P. [IN/US]; 6928 Pear Tree Drive, Carlsbad, CA 92009 (US).

(74) CALDWELL, John, W. 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 NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044135 (13) A2

(21) PCT/US2003/035068

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)

(30) 10/660,059 11 Sep/sep 2003 US (11.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STRUCTURAL MOTIFS AND OLIGOMERIC COMPOUNDS AND THEIR USE IN GENE MODULATION

• MOTIFS STRUCTURELS, COMPOSES OLIGOMERIQUE ET UTILISATION DE CEUX-CI DANS LA MODULATION DE GENE

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) ECKER, David, J. [US/US]; 1041 Saxony Road, Encinitas, CA 92024 (US). BOSWELL, Herb [US/US]; 977 Hawthorne Court, San Marcos, CA 92069 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044136 (13) A2

(21) PCT/US2003/035071

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS COMPRISING ALTERNATING 2'-MODIFIED NUCLEOSIDES FOR USE IN GENE MODULATION

• COMPOSITIONS COMPRENANT DES NUCLEOSIDES MODIFIES EN 2' DE SUBSTITUTION DESTINEES A LA MODULATION DE GENE

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) ALLERSON, Charles [US/US]; 971 Beach Crest Court, Carlsbad, CA 92009 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, #252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). GRIFFEY, Richard, H. [US/US]; 360 Barsby Street, Vista, CA 92084 (US). BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044137 (13) A2

(21) PCT/US2003/035073

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US
(05.11.2002)(30) 10/634,483 5 Aug/août 2003 US
(05.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SUGAR AND BACKBONE-SURROGATE-CONTAINING OLIGOMERIC COMPOUNDS AND COMPOSITIONS FOR USE IN GENE MODULATION
- COMPOSES ET COMPOSITIONS OLIGOMERIQUES CONTENANT UN SUBSTITUT DE SUCRE ET DE SQUELETTE DESTINES A LA MODULATION DE GENE

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
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(72, 75) BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, #252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044138 (13) A2

(21) PCT/US2003/035074

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US
(05.11.2002)(30) 60/503,271 15 Sep/sep 2003 US
(15.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CHIMERIC OLIGOMERIC COMPOUNDS AND THEIR USE IN GENE MODULATION

- COMPOSES OLIGOMERE CHIMERES ET LEUR UTILISATION DANS LA MODULATION GENIQUE

(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) BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, #252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place, 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044139 (13) A2

(21) PCT/US2003/035086

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MODIFIED OLIGONUCLEOTIDES FOR USE IN RNA INTERFERENCE

- OLIGONUCLEOTIDES MODIFIES UTILISES EN INTERFERENCE 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) BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, # 252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard [US/US]; 360 Barsby Street,

Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place -46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044140 (13) A2

(21) PCT/US2003/035087

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US
(05.11.2002)(30) 60/503,521 16 Sep/sep 2003 US
(16.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • 2'-SUBSTITUTED OLIGOMERIC COMPOUNDS AND COMPOSITIONS FOR USE IN GENE MODULATIONS

- COMPOSES OLIGOMERES 2'-SUBSTITUES ET COMPOSITIONS DESTINEES A ETRE UTILISEES DANS DES MODULATIONS GENETIQUES

(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) BAKER, Brenda [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, # 252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFFEY, Richard [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US). PRAKASH, Thazha, P. [IN/US]; 6928 Pear Tree Drive, Carlsbad, CA 92009 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place -46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR

TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044141 (13) A2

(21) PCT/US2003/035088

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 (05.11.2002) US

(30) 10/616,241 9 Jul/juil 2003 (09.07.2003) US

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONJUGATED OLIGPMERIC COMPOUNDS AND THEIR USE IN GENE MODULATION

• COMPOSES OLIGOMERES CONJUGUES ET LEUR UTILISATION DANS LA MODULATION GENIQUE

(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) MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US).

BAKER, Brenda [US/US]; 2147 Avenida Toronga, Carlsbad, CA 92009 (US).

ELDRUP, Ann [DK/US]; 1190 Encinitas Boulevard #252, Encinitas, CA 92024 (US).

BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US).

GRIFFEY, Richard, H. [US/US]; 360 Barsby Street, Vista, CA 92084 (US).

SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US).

CROOKE, Stanley, A. [US/US]; 3211 Piragua Street, Carlsbad, CA 92008 (US).

(74) GODDARD, Christine, A.; Cozen O'Connor, 1900 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044142 (13) A2

(21) PCT/US2003/035111

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/423,805 5 Nov/nov 2002 (05.11.2002) US

(30) 60/493,874 8 Aug/août 2003 (08.08.2003) US

(43) 27 May/mai 2004 (27.05.2004)

(54) • MESENCHYMAL STEM CELLS AND METHODS OF USE THEREOF

• CELLULES SOUCHES MESENCHYMATEUSES ET LEURS PROCÉDES D'UTILISATION

(63) US 60/423,805 (CIP)

5 Nov/nov 2002 (05.11.2002)

US 60/493,874 (CIP)

8 Aug/août 2003 (08.08.2003)

(71) THE BRIGHAM AND WOMEN'S HOSPITAL, INC. [US/US]; 75 Francis Street, Boston, MA 02115 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DZAU, Victor, J. [US/US]; 110 Dudley, Newton, MA 02459 (US).

MANGI, Abeel [GB/US]; 70 Centre Street, Apt. 7E, Brookline, MA 02446 (US).

IP, James, Edmund [US/US]; 21 Ellery Street, Cambridge, MA 02138 (US).

(74) BEATTIE, Ingrid, A.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044143 (13) A2

(21) PCT/US2003/035233

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,410 6 Nov/nov 2002 (06.11.2002) US

(30) 60/430,861 4 Dec/déc 2002 (04.12.2002) US

(43) 27 May/mai 2004 (27.05.2004)

(54) • TPS PLANT GENE CONSTRUCTS AND TRANSFORMANTS

• GENES CHIMÈRES ET TRANSFORMANTS VÉGÉTAUX DE LA TPS

(71) CORNELL RESEARCH FOUNDATION, INC. [US/US]; 20 Thornwood Drive, Suite 105, Ithaca, NY 14850 (US).

GREENGENE BIOTECH INC. [KR/KR]; Myongji University, 38-2 Nam-dong, Yongin, Kyungggi-do 449-728 (KR).

(72) WU, Ray, J.; 111 Christopher Circle, Ithaca, NY 14850 (US).

GARG, Ajay, K.; 134 Gram Road, Apt.3A6, Ithaca, NY 14850

(US). YONGIN, Ju-Kon; Myongji University, Yongin 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044144 (13) A2

(21) PCT/US2003/035259

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/290,654 8 Nov/nov 2002 (08.11.2002) US

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS FOR INDUCING REGENERATION, REMYELINATION, AND HYPERMYELINATION OF NERVOUS TISSUE

• PROCÉDES D'INDUCTION DE RÉGÉNÉRATION, REMYÉLINISATION, ET D'HYPERMYÉLINISATION DE TISSUS NERVEUX

(71) ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY [US/US]; 1300 Morris Park Avenue, New York, NY 10461 (US).

(72) WEINSTEIN, David, E.; 40 Livingston Avenue, Dobbs Ferry, NY 10522 (US).

WADSWORTH, Scott; 1 Solebury Mountain Road, New Hope, PA 18938 (US).

SEKIERKA, John; c/o Brown Raysman Millstein Felder & Steiner LLP, 163 Madison Avenue, P.O. Box 1989, Morristown, NJ 07962-1989 (US).

BIRGE, Raymond; 50 Battery Place, Apt. 2-G, New York, NY 10280 (US).

(74) RESTAINO, Leslie, Gladstone; Brown Raysman Millstein Felder & Steiner LLP, 163 Madison Avenue, P.O. Box 1989, Morristown, NJ 07962-1089 (US).

(81) AE AG AL 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 C12N

(11) WO 2004/044145 (13) A2

(21) PCT/US2003/035263

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,329 6 Nov/nov 2002 US
(06.11.2002)(30) 10/702,395 5 Nov/nov 2003 US
(05.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND METHODS FOR
ENHANCING DISEASE RESISTANCE
IN FISH• COMPOSITIONS ET PROCEDES POUR
AMELIORER LA RESISTANCE DU
POISSON AUX MALADIES(71) AUBURN UNIVERSITY [US/US]; 309
Samford Hall, Auburn University, AL
36849-5176 (US). MUSC FOUNDATION
FOR RESEARCH DEVELOPMENT
[US/US]; 261 Calhoun Street, Suite 305,
Charleston, SC 29425 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DUNHAM, Rex, A. [US/US]; 444
Waverly Road, Auburn, AL 36832 (US).
LIU, Zhanjiang [US/US]; 3040 Hamilton
Road, Auburn, AL 36830 (US). WARR,
Gregory, W. [US/US]; 608 First Mate Court,
Charleston, SC 29412 (US).(74) BLACK, C., Allen; Alston & Bird LLP,
Bank of America Plaza, 101 South Tryon
Street, Suite 4000, Charlotte, NC 28280-4000
(US).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR 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 C12N

(11) WO 2004/044146 (13) A2

(21) PCT/US2003/035279

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,227 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PLURIPOTENT CELLS FROM MONO-
CYTES, AND METHODS OF MAKING
AND USING PLURIPOTENT CELLS• CELLULES PLURIPOTENTES PRO-
VENANT DE MONOCYTES, ET ME-
THODES D'ELABORATION ET D'UTI-
LISATION DESDITES CELLULES(71, 72) PINIELLA, Carlos, J. [US/US]; 9275
S.W. 152nd Street, Suite 210, Miami, FL
33157 (US).(74) GREENBERG, Laurence, A. et al. / etc.;
Lerner and Greenberg, P.A., P.O. Box 2480,
Hollywood, FL 33022-2480 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044147 (13) A2

(21) PCT/US2003/035482

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,602 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MODIFIED DENDRITIC CELLS

• CELLULES DENDRITIQUES MODI-
FIEES(71, 72) CHANG, Lung-Ji [US/US]; 3102 N.W.
57th Terrace, Gainesville, FL 32606 (US).(72, 75) CHEN, Xiaochuan [CN/US]; 1700 SW
16th Ct., Apt. B29, Gainesville, FL 32606
(US).(74) KIM, Stanley, A.; Akerman Senterfitt, 222
Lakeview Avenue, Suite #400, West Palm
Beach, FL 33401-6183 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044148 (13) A2

(21) PCT/US2003/035503

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,868 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS FOR THE IDENTIFICA-
TION OF TREHALOSE-6-PHOSPHATE
SYNTHASE AS ANTIBIOTICS• METHODES D'IDENTIFICATION
D'INHIBITEURS DE LA TREHA-
LOSE-6-PHOSPHATE SYNTHASE EN
TANT QU'ANTIBIOTIQUES(71) PARADIGM GENETICS, INC. [US/US];
108 Alexander Drive, P.O. Box 14528, Re-
search Triangle Park, NC 27709-4528 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) DARVEAUX, Blaise [US/US]; 104
Bonparte Drive, Hillsborough, NC 27278
(US). MAHANTY, Sanjoy [IN/US]; 514
Highgrove Drive, Chapel Hill, NC 27615
(US). HEINIGER, Ryan [US/US]; 1901
Trailwood Hgts, Apt. 101, Raleigh, NC
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3505 Apache Drive, Raleigh, NC 27609 (US).
PAN, Huaquin [US/US]; 2203 Henniker
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110 Graylyn Drive, Chapel Hill, NC 27516
(US). TANZER, Matthew, M. [US/US];
6 Drakesway Court, Durham, NC 27713
(US). HAMER, Lisbeth [DK/US]; 3414
Dover Avenue, Durham, NC 27707 (US).
ADACHI, Kiichi [JP/JP]; 1-41-201, Fu-
jimidai, Nerima, Tokyo 177-0034 (JP).
DEZWANN, Todd, M. [US/US]; 2216
Colony Woods Drive, Apex, NC 27502 (US).
LO, Sze-Chung [CN/CN]; 2308 LeeHang
House, Shun Lee Estate, Hong Kong (CN).
MONTENEGRO-CHAMORRO, Maria,
Victoria [CO/US]; 2324 Winter Walk Cir-
cle, Morrisville, NC 27560 (US). FRANK,
Sheryl [US/US]; 600 Mahone Street, #11,
Durham, NC 27713 (US).(74) SPENCER, Deborah, H.; Paradigm Ge-
netics, Inc., 108 Alexander Drive, P.O.
Box 14528, Research Triangle Park, NC
27709-4528 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044149 (13) A2

(21) PCT/US2003/035509

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,802 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR SUPPRESSING IM-
MUNE SYSTEM RESPONSE TO
TRANSPLANTED TISSUE OR CELLS

- PROCEDE DE SUPPRESSION DE LA REPONSE DU SYSTEME IMMUNITAIRE A DES TISSUS OU DES CELLULES GREFFES

(71) YALE UNIVERSITY [US/US]; School of Medicine, 333 Cedar Street, New Haven, CT 06510 (US).

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(72, 75) EDELSON, Richard Leslie [US/US]; 76 Coleytown Road, Westport, CT 06880 (US). BERGER, Carole [US/US]; 3935 Blackston Avenue, Riverdale, Bronx, NY 10471 (US). GIRARDI, Michael [US/US]; 35 Kelsey Springs Drive, Madison, CT 06443 (US).

(74) GRONDAHL, Eric, E. et al. / etc.; McCarter & English, LLP, CityPlace I, 185 Asylum Street, Hartford, CT 06103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044150 (13) A2

(21) PCT/US2003/035587

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 102 51 918.8 7 Nov/nov 2002 DE (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEMS FOR GENE TARGETING AND PRODUCING STABLE GENOMIC TRANSGEN E INSERTIONS

- SYSTEMES PERMETTANT DE CIBLER DES GENES ET DE REALISER DES INSERTIONS TRANSGENIQUES GENOMIQUES STABLES

(71) THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF AGRICULTURE [US/US]; 1400 Independence Avenue, SW, Washington, DC 20250-0302 (US).

(72) HORN, Carsten; Laerchenweg 4, D-64559 Nauheim (US).

(72, 75) HANDLER, Alfred, M. [—/—]; 6825 NW 52 Terrace, Gainesville, FL 32653 (US).

(74) PENDORF, Stephan A. et al. / etc.; Pendorf & Cutliff, 5111 Memorial Highway, Tampa, FL 33634-7356 (US).

(81) AE AG 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 C12N

(11) WO 2004/044151 (13) A2

(21) PCT/US2003/035645

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,111 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RECOMBINASE MEDIATED TRANSCRIPTION

- TRANSCRIPTION A MEDIATION PAR RECOMBINASE

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(74) HUIZENGA, David, E. et al. / etc.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044152 (13) A2

(21) PCT/US2003/035655

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,532 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A NOVEL PTH RESPONSIVE GENE

- NOUVEAU GENE SENSIBLE PTH

(71) WYETH [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

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(72, 75) ROBINSON, John, Allen [US/US]; 23 Webb Road, Downingtown, PA 19335

(US). STOJANOVIC-SUSULIC, Vedrana [YU/US]; 26 Norchester Drive, Princeton Junction, NJ 08550 (US). BABIJ, Philip [GB/US]; 75 Adams Street, Dunstable, MA 01827 (US). MURRILLS, Richard, John [GB/US]; 1491 Merrick Road, Yardley, PA 19067 (US).

(74) SHOARINEJAD, Fariba et al. / etc.; Wyeth, Patent Law Department, Five Giralda Farms, Madison, NJ 07940 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044153 (13) A2

(21) PCT/US2003/035669

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,423 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MODIFIED NUCLEOTIDE SEQUENCE ENCODING C. ALBICANS KIP1 KINESIN PROTEIN

- SEQUENCE NUCLEOTIDIQUE MODIFIEE CODANT LA KINESINE PROTEINE KIP1 <I>C. ALBICANS</I>

(71) CYTOKINETICS, INC. [US/US]; 280 East Grand Avenue, South San Francisco, CA 94080 (US).

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(74) STEVENS, Lauren, L. et al. / etc.; Swiss Law Group, Building 3, Palo Alto Square, 3000 El Camino Real, Suite 100, Palo Alto, CA 94306 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N
(11) WO 2004/044154 (13) A2
(21) PCT/US2003/035688
(22) 7 Nov/nov 2003 (07.11.2003)
(25) en (26) en
(30) 60/426,074 7 Nov/nov 2002 US (07.11.2002)
(30) 60/487,228 16 Jul/juil 2003 US (16.07.2003)
(30) 60/516,738 4 Nov/nov 2003 US (04.11.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • METHODS OF IDENTIFYING ANTI-NEOPLASTIC AGENTS
• METHODES SERVANT A IDENTIFIER DES AGENTS ANTINEOPLASQUES
(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) FANTON, Christie [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US). MACKICHAN, Mary, Lee [US/US]; c/o Chiron Corporation, P.O. Box 8097, Emeryville, CA 94662-8097 (US).
(74) LAUNER, Charlene, A. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) WO 2004/044156 (13) A2
(21) PCT/US2003/035720
(22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 60/425,056 8 Nov/nov 2002 US (08.11.2002)
(30) 60/506,901 26 Sep/sep 2003 US (26.09.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • TRANSGENIC UNGULATES HAVING REDUCED PRION PROTEIN ACTIVITY AND USES THEREOF
• ONGULES TRANSGENIQUES PRESENTANT UNE ACTIVITE DE LA PROTEINE PRION REDUITE ET LEURS UTILISATIONS
(63) US 60/506,901 (CIP)
26 Sep/sep 2003 (26.09.2003)
US 60/425,056 (CIP)
8 Nov/nov 2002 (08.11.2002)
(71) HEMATECH, LLC [US/US]; 33 Riverside Avenue, 2nd Floor, Westport, CT 06880 (US). KIRIN BREWERY CO., LTD. [JP/JP]; 26-1, Jingumae 6-chome,, Shibuya-ku, Tokyo (JP).
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(72, 75) ROBL, James [US/US]; 26601 Tucker Drive, Brandon, SD 57005 (US). KUROIWA, Yoshimi [JP/US]; 5015 S. Glenview, Sioux Falls, SD 57108 (US). COLLAS, Philippe [FR/NO]; Nygaardsalle 4A, N-0871 Oslo (NO). SULLIVAN, Eddie [US/US]; 410 Everett Street, Tea, SD 57064 (US). KASINATHAN, Poothappillai [LK/US]; 1901 S. Dorothy Avenue, Sioux Falls, SD 57106 (US). TOMIZUKA, Kazuma [JP/JP]; 401, RM2 Takasaki, 110-1, Yashima-cho, Takasaki-shi, Gunma 370-0849 (JP). ISHIDA, Isao [JP/JP]; 352-6 Kushi-hashi, Isehara-shi, Kanagawa-ken 259-1136 (JP).
(74) ELBING, Karen, L.; Clark & Elbing LLP, 101 Federal Street, Boston, MA 02110 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) WO 2004/044155 (13) A2
(21) PCT/US2003/035693
(22) 7 Nov/nov 2003 (07.11.2003)
(25) en (26) en
(30) 60/424,658 7 Nov/nov 2002 US (07.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • MIP-1 α AND GM-CSF AS ADJUVANTS OF IMMUNE RESPONSE
• MIP-1SG(A) ET GM-CSF ADJUVANTS DE LA REPONSE IMMUNE
(71) BETH ISRAEL DEACONESS MEDICAL CENTER [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).
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(72, 75) MCKAY, Paul [GB/GB]; London (GB). BAROUCH, Dan [US/US]; Brookline, MA (US). LETVIN, Norman [US/US]; Newton, MA (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) WO 2004/044157 (13) A2
(21) PCT/US2003/035728
(22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 60/425,853 12 Nov/nov 2002 US (12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • GP64-PSEUDOTYPED VECTORS AND USES THEREOF
• VECTEURS PSEUDOTYPES AVEC LA GP64 ET LEURS UTILISATIONS
(71) THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH HUMAN SERVICES, THE NATIONAL INSTITUTES OF HEALTH [US/US]; Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).
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(72, 75) KUMAR, Mukesh [IN/US]; 9202 Adelaide Drive, Bethesda, MD 20817 (US). ZIMMERBERG, Joshua [US/US]; 6913 Granby Street, Bethesda, MD 20817 (US).
(74) NEEDLE & ROSENBERG, P.C. et al. / etc.; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) WO 2004/044158 (13) A2
(21) PCT/US2003/035734
(22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 60/425,228 8 Nov/nov 2002 US (08.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • HUMAN EMBRYONIC STEM CELL CULTURES, AND COMPOSITIONS AND METHODS FOR GROWING SAME

- CULTURES DE CELLULES SOUCHES EMBRYONNAIRES HUMAINES, ET COMPOSITIONS ET PROCÉDES DE CULTURE CORRESPONDANTS
- (63) US 60/425,228 (CIP)
8 Nov/nov 2002 (08.11.2002)
- (71) THE JOHNS HOPKINS UNIVERSITY [US/US]; Licensing and Technology Development, 100 N. Charles Street, 5th Floor, Baltimore, MD 21201 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHENG, Linzhao [US/US]; 5346 Woodlot Road, Columbia, MD 21044 (US).
- (74) HAILE, Lisa, A.; Gray Cary Ware & Friedenrich LLP, Suite 1100, 4365 Executive Drive, San Diego, CA 92121-2133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 2004/044159 (13) A2
- (21) PCT/US2003/035752
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 60/425,404 12 Nov/nov 2002 US
(12.11.2002)
- (30) 60/440,907 15 Jan/jan 2003 US
(15.01.2003)
- (30) 60/442,477 24 Jan/jan 2003 US
(24.01.2003)
- (30) 60/448,565 18 Feb/fév 2003 US
(18.02.2003)
- (30) 60/460,716 4 Apr/avr 2003 US
(04.04.2003)
- (30) 60/461,853 9 Apr/avr 2003 US
(09.04.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • RECEPTORS AND MEMBRANE-ASSOCIATED PROTEINS
• RECEPTEURS ET PROTEINES ASSOCIÉES A UNE MEMBRANE
- (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) LEE, Soo Yeun [US/US]; 40 Westdale Avenue, Daly, CA 94015 (US). SWARNAKAR, Anita [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). MURAGE, Jagi [US/US]; 1025 Foxchase Drive, San Jose, CA 95123 (US). KHARE, Reena [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). HAFALIA, April, J.A. [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (US). CHAWLA,

- Narinder, K. [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). EL-LIOTT, Vicki, S. [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). TRAN, Uyen, K. [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). BECHA, Shanya, D. [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). BHATIA, Umesh [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, Wen-jin [CN/US]; 9 Sutter Creek Lane, Mountain View, CA 94043 (US). MARQUIS, Joseph, P. [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). JIN, Pei [US/US]; 320 Curtner Avenue #D, Palo Alto, CA 94306 (US). WILSON, Amy, D. [US/US]; 5301 Newcastle Avenue, #30, Encino, CA 91316 (US). WANG, Jonathan, T. [US/US]; 173 Campbell Drive, Mountain View, CA 94043 (US). CHIEN, David [US/US]; 444 Yerba Buena Avenue, Los Altos, CA 94022 (US). RICHARDSON, Thomas, W. [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). KABLE, Amy, E. [US/US]; 9403 Curran Road, Silver Spring, MD 20901 (US). EMERLING, Brooke, M. [US/US]; 833 W. Buena Avenue #2108, Chicago, IL 60613 (US). RAMKUMAR, Jayalaxmi [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). BAUGHN, Mariah, R. [US/US]; 8547 W. Horner Street, Los Angeles, CA 90035 (US). TANG, Y., Tom [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). JACKSON, Jennifer, L. [US/US]; 1826 Rina Court, Santa Cruz, CA 95062 (US). LAL, Preeti, G. [US/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). YUE, Henry [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). GIETZEN, Kimberly, J. [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US).
- (74) HAMLET-COX, Diana et al. / etc.; Incyte Corporation, 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 2004/044160 (13) A2
- (21) PCT/US2003/035848
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/293,391 13 Nov/nov 2002 US
(13.11.2002)
- (30) 10/447,839 29 May/mai 2003 US
(29.05.2003)

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MUC1 INTERFERENCE RNA COMPOSITIONS AND METHODS DERIVED THEREFROM
• COMPOSITIONS D'ARN A INTERFERENCE AVEC MUC1 ET PROCÉDES DERIVES
- (63) US 10/293,391 (CON)
13 Nov/nov 2002 (13.11.2002)
US 10/447,839 (CON)
29 May/mai 2003 (29.05.2003)
- (71) DANA-FARBER CANCER INSTITUTE, INC. [US/US]; 44 Binney Street, Boston, MA 02115 (US). ILEX PRODUCTS, INC. [US/US]; 4545 Horizon Hill Bld., San Antonio, TX 78229-2263 (US).
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- (72, 75) KUFFE, Donald, W. [US/US]; 179 Grove Street, Wellesley, MA 02181 (US). KHARBANDA, Surrender [US/US]; 8 Jacqueline Circle, Natick, MA 01760 (US). WEITMAN, Steven, D. [US/US]; 44 Edge Creek Dr., San Antonio, TX 78254 (US).
- (74) HIGHLANDER, Steven, L.; Fulbright & Jaworski, L.L.P., 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) WO 2004/044161 (13) A2
- (21) PCT/US2003/035869
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 60/424,275 6 Nov/nov 2002 US
(06.11.2002)
- (30) 60/465,474 25 Apr/avr 2003 US
(25.04.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • EXPRESSION OF FOREIGN SEQUENCES IN PLANTS USING TRANS-ACTIVATION SYSTEM
• EXPRESSION DE SEQUENCES ETRANGERES DANS DES VEGETAUX UTILISANT UN SYSTEME DE TRANSACTIVATION
- (71) FRAUNHOFER USA [US/US]; 46025 Port Street, Plymouth, MI 48170 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YUSIBOV, Vidadi [US/US]; 1808 Manor Road, Havertown, PA 19083 (US). SKARJINSKAIA, Marina [US/US]; 22 Fairway Rd., Apt. 2C, Newark, DE 19711 (US). METT, Vadim [US/US]; 115 Wedgewood Rd., Newark, DE 19711 (US). HULL,

- Anna [—/—]; 16 Ledum Run Rd., West Grove, PA 19390 (US).
- (74) **McNICHOL, William, J., Jr.**; ReedSmith LLP, 2500 One Liberty Place, 1650 Market Street, Philadelphia, PA 19103 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/044162** (13) A2
- (21) PCT/US2003/035870
- (22) **6 Nov/nov 2003 (06.11.2003)**
- (25) en (26) en
- (30) 60/424,496 **6 Nov/nov 2002 (06.11.2002)** US
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **HUMAN ACID-SENSING ION CHANNEL 2b (hASIC2b)**
- **CANAL IONIQUE 2B HUMAIN DETECTEUR D'ACIDE (HASIC2B)**
- (71) **EURO-CELTIQUE S.A.** [LU/LU]; 122, Boulevard de la Petrusse, L-2330 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAMMESHEIDT, Anja** [DE/US]; 31558 Eagle Rock Way, Laguna Beach, CA 92651 (US). **MALIK, Shiazah, Z.** [GB/US]; 2965 South Fairview Street, Unit D, Santa Ana, CA 92704 (US).
- (74) **FEHLNER, Paul, F.** et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/044163** (13) A2
- (21) PCT/US2003/035876
- (22) **6 Nov/nov 2003 (06.11.2003)**
- (25) en (26) en
- (30) 60/424,475 **6 Nov/nov 2002 (06.11.2002)** US
- (30) 60/489,703 **23 Jul/juil 2003 (23.07.2003)** US
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **METHODS FOR IDENTIFYING RISK OF MELANOMA AND TREATMENTS THEREOF**
- **PROCEDES POUR IDENTIFIER LES RISQUES DE MELANOMES ET LEURS TRAITEMENTS**
- (71) **SEQUENOM, INC.** [US/US]; 3595 John Hopkins Court, San Diego, CA 92121 (US).
- (72) **ROTH, Richard, B.**; 9245 Regents Road, Apartment 409, La Jolla, CA 92037 (US). **NELSON, Matthew, Roberts**; 1250 Calle Prospero, San Marcos, CA 92069 (US). **BRAUN, Andreas**; 3935 Lago Di Grata Circle, San Diego, CA 92130 (US). **KAMMERER, Stefan, M.**; 3825 Elijah Court, Unit 334, San Diego, CA 92130 (US).
- (74) **GRANT, Bruce, D.** et al. / etc.; Morrison & Foerster LLP, Suite 500, 3811 Valley Centre Drive, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/044164** (13) A2
- (21) PCT/US2003/035879
- (22) **6 Nov/nov 2003 (06.11.2003)**
- (25) en (26) en
- (30) 60/424,475 **6 Nov/nov 2002 (06.11.2002)** US
- (30) 60/489,703 **23 Jul/juil 2003 (23.07.2003)** US
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **METHOD FOR IDENTIFYING RISK OF MELANOMA AND TREATMENTS THEREOF**
- **METHODE D'IDENTIFICATION DU RISQUE DE MELANOME ET TRAITEMENTS ASSOCIES**
- (71) **SEQUENOM, INC.** [US/US]; 3595 John Hopkins Court, San Diego, CA 92121 (US).
- (72) **ROTH, Richard, B.**; 9245 Regents Road, Apartment 409, La Jolla, CA 92037 (US). **NELSON, Matthew, Roberts**; 1250 Calle Prospero, San Marcos, CA 92069 (US). **BRAUN, Andreas**; 3935 Lago Di Grata Circle, San Diego, CA 92130 (US). **KAMMERER, Stefan, M.**; 3825 Elijah Court, Unit 334, San Diego, CA 92130 (US).
- (74) **GRANT, Bruce, D.** et al. / etc.; Morrison & Foerster LLP, 3811 Valley Centre Drive, Suite 500, San Diego, CA 92130-2332 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N
- (11) **WO 2004/044165** (13) A2
- (21) PCT/US2003/035946
- (22) **10 Nov/nov 2003 (10.11.2003)**
- (25) en (26) en
- (30) 60/426,105 **13 Nov/nov 2002 (13.11.2002)** US
- (30) 60/433,215 **12 Dec/déc 2002 (12.12.2002)** US
- (30) 60/453,127 **7 Mar/mar 2003 (07.03.2003)** US
- (30) 60/454,801 **13 Mar/mar 2003 (13.03.2003)** US
- (30) 60/465,619 **24 Apr/avr 2003 (24.04.2003)** US
- (30) 60/465,495 **24 Apr/avr 2003 (24.04.2003)** US
- (30) 60/491,800 **1 Aug/août 2003 (01.08.2003)** US
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **LIPID-ASSOCIATED PROTEINS**
- **PROTEINES ASSOCIEES AUX LIPIDES**
- (71) **INCYTE CORPORATION** [US/US]; 3160 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JIANG, Xin** [US/US]; 14371 Elva Avenue, Saratoga, CA 95070 (US). **BECHA, Shanya, D.** [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). **BULLOCH, Sean, A.** [US/US]; 175 Calvert Drive #B-102, Cupertino, CA 95014 (US). **CHANG, Hsin-Ru** [US/US]; 326 Treasure Island Drive, Belmont, CA 94002 (US). **CHAWLA, Narinder, K.** [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **EMERLING, Brooke, M.** [US/US]; 833 W. Buena Avenue, #2108, Chicago, IL 60613 (US). **GIETZEN, Kimberly, J.** [US/US]; 691 Los Huecos Drive, San Jose, CA 95123 (US). **HAFALIA, April, J.A.** [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (US). **JACKSON, Alan, A.** [US/US]; 1541 Elwood Drive, Los Gatos, CA 95032 (US). **KABLE, Amy, E.** [US/US]; 9403 Curran Road, Silver Spring, MD 20901 (US). **KHARE, Reena** [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). **LEE, Soo Yeun** [US/US]; 40 Westdale Avenue, Daly, CA 94015 (US). **MARQUIS, Joseph, P.** [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). **MURAGE, Jagi** [US/US]; 1025 Foxchase Drive, San

- Jose, CA 95123 (US). **SWARNAKAR, Anita** [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). **YANG, Yonghong, G.** [UG/US]; 4230 Ranwick Court, San Jose, CA 95118 (US).
- (74) **HAMLET-COX, Diana** et al. / etc.; Incyte Corporation, 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N
- (11) **WO 2004/044166** (13) A2
- (21) PCT/US2003/035947
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 60/425,423 12 Nov/nov 2002 US (12.11.2002)
- (30) 60/441,847 21 Jan/jan 2003 US (21.01.2003)
- (30) 60/453,882 10 Mar/mar 2003 US (10.03.2003)
- (30) 60/456,645 20 Mar/mar 2003 US (20.03.2003)
- (30) 60/463,676 16 Apr/avr 2003 US (16.04.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CARBOHYDRATE-ASSOCIATED PROTEINS
• PROTEINES ASSOCIEES AUX GLUCIDES
- (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) **CHAWLA, Narinder, K.** [US/US]; 33 Union Square, #712, Union City, CA 94587 (US). **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **GRIFFIN, Jennifer, A.** [US/US]; 33691 Mello Way, Fremont, CA 94555 (US). **YANG, Yonghong, G.** [UG/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **RAMKUMAR, Jayalaxmi** [IN/US]; 34359 Maybird Circle, Fremont, CA 94555 (US). **KHARE, Reena** [IN/US]; 12650 Orella Court, Saratoga, CA 95070 (US). **RICHARDSON, Thomas, W.** [US/US]; 616 Canyon Road #107, Redwood City, CA 94062 (US). **BECHA, Shanya, D.** [US/US]; 1 Saint Francis #5508, San Francisco, CA 94107 (US). **TRAN, Uyen, K.** [US/US]; 2638 Mabury Square, San Jose, CA 95133 (US). **KABLE, Amy, E.** [US/US]; 9403 Curran Road, Silver Spring, MD 20901 (US). **SWARNAKAR, Anita** [CA/US]; 8 Locksley Avenue #5D, San Francisco, CA 94122 (US). **WARREN, Bridget, A.** [US/US]; 116 Quail Gardens, Drive, Encinitas, CA 94024 (US). **ELLIOTT, Vicki, S.** [US/US]; 3770 Polton Place Way, San Jose, CA 95121 (US). **MARQUIS, Joseph, P.** [US/US]; 4428 Lazy Lane, San Jose, CA 95135 (US). **HAFALIA, April, J.A.** [US/US]; 15 Midvale Drive, Santa Clara, CA 94015 (US).
- (74) **HAMLET-COX, Diana** et al. / etc.; Incyte Corporation, 3160 Porter Drive, Palo Alto, CA 94304 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N
- (11) **WO 2004/044167** (13) A2
- (21) PCT/US2003/036011
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,719 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • EXPRESSION, PURIFICATION AND USES OF A *PLASMODIUM FALCIPARUM* LIVER STAGE ANTIGEN 1 POLYPEPTIDE
• EXPRESSION, PURIFICATION ET UTILISATION D'UN POLYPEPTIDE D'ANTIGÈNE LSA-1 DE <I>PLASMODIUM FALCIPARUM</I>
- (71) **WALTER REED ARMY INSTITUTE OF RESEARCH** [US/US]; Department of the Army, 503 Robert Grant Avenue, Silver Spring, MD 20910-7500 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LANAR, David, E.** [US/US]; 7401 Holly Avenue, Takoma Park, MD 20912 (US). **HILLIER, Collette, J.** [AU/US]; 2113 Brigadier Blvd., Odenton, MD 21113 (US). **LYON, Jeffrey, A.** [US/US]; 9106 Fairview Road, Silver Spring, MD 20910 (US). **ANGOV, Evelina** [US/US]; 5310 Pooks Hill Road, Bethesda, MD 20814 (US). **KUMAR, Sanjai** [IN/US]; 14249 Secluded Lane, Gaithersburg, MD 20878 (US). **ROGERS, William** [US/GH]; Naval Medical Research Unit 3, Ghana Detachment, c/o Department of State, 2020 Accra Place, Washington, DC 20521-2020 (US). **BARBOSA, Arnoldo** [CO/US]; 3 Pooks Hill Road, Apt. 812, Bethesda, MD 20814 (US).
- (74) **ARWINE, Elizabeth**; United States Army Medical Research, and Material Command, 504 Scott Street, Fort Detrick, MD 21702 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SJ TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044168** (13) A2
- (21) PCT/US2003/036059
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,578 12 Nov/nov 2002 US (12.11.2002)
- (30) 10/634,740 5 Aug/août 2003 US (05.08.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • GENETICALLY ENCODED FLUORESCENT REPORTERS OF KINASE, METHYLTRANSFERASE, AND ACETYL-TRANSFERASE ACTIVITIES
• RAPPORTEURS FLUORESCENTS CODES GENETIQUEMENT PRESENTANT DES ACTIVITES DE KINASE, DE METHYLTRANSFERASE ET D'ACETYLTRANSFERASE
- (71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139 (US).
- (72) **TING, Alice, Y.**; 19 Shermard Street, #21, Cambridge, MA 02138 (US).
- (74) **LOCKHART, Helen, C.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
- (81) CA JP.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ C12N
- (11) **WO 2004/044169** (13) A2
- (21) PCT/US2003/036125
- (22) 14 Nov/nov 2003 (14.11.2003)
- (25) en (26) en
- (30) 60/426,788 14 Nov/nov 2002 US (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CRYSTALLINE FORM OF FATTY ACID AMINE HYDROLASE (FAAH)
• FORME CRISTALLINE DE L'AMINE HYDROLASE D'ACIDE GRAS (FAAH)
- (63) US 60/426,788 (CIP) 14 Nov/nov 2002 (14.11.2002)
- (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) **BRACEY, Michael, H.** [US/US]; 4946 Niagara Avenue, San Diego, CA 92107 (US). **HANSON, Michael, A.** [US/US]; * (US). **STEVENS, Raymond, C.** [US/US]; * (US).

CRAVATT, Benjamin, F. [US/US]; 5555 La Jolla Hermosa Avenue, La Jolla, CA 92037 (US).

(74) HAILE, Lisa, A.; Gray Cary Ware & Freidenrich LLP, Suite 1100, 4365 Executive Drive, San Diego, CA 92121-2133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044170 (13) A2

(21) PCT/US2003/036131

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,968 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A PANCREATIC ISLET TRANSCRIPTION FACTOR AND USES THEREOF
• FACTEUR DE TRANSCRIPTION D'ÎLOTS PANCRÉATIQUES ET SES UTILISATIONS

(71) METABOLEX, INC. [US/US]; 3876 Bay Center Place, Hayward, CA 94545 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, Jeffrey, D. [US/US]; 15 Corte Mateo, Moraga, CA 94556 (US).
PALMA, John, F. [US/US]; 2567 Crane-ford Way, San Ramon, CA 94583 (US).
SCHWEITZER, Anthony, C. [US/US]; P.O. Box 2341, Menlo Park, CA 94026 (US).
BLUME, John, E. [US/US]; 31 St. Maurice Court, Danville, CA 94526 (US).

(74) HINSCH, Matthew, E. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ

DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C12N

(11) WO 2004/044171 (13) A2

(21) PCT/US2003/036146

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,329 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WAVEGUIDE SYSTEM FOR DETECTION OF FLUORESCENTLY LABELED NUCLEIC ACID SEQUENCES
• SYSTÈME DE GUIDE D'ONDES POUR LA DÉTECTION DE SÉQUENCES D'ACIDE NUCLÉIQUE MARQUÉES PAR FLUORESCENCE

(71, 72) WULFMAN, David, R. [US/US]; 2112 Emerson Avenue South #4, Minneapolis, MN 55405 (US).
BAAS, Tracey, L. [US/US]; 9225 8th Avenue North West, Seattle, WA 98117 (US).

(74) REID, Malcolm, D.; Gray, Plant, Mooty, & Bennett, PA, P.O. Box 2906, Minneapolis, MN 55402-0906 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044172 (13) A2

(21) PCT/US2003/036161

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,617 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD FOR PURIFYING AND RECOVERING SILK PROTEINS IN SOLUBLE FORM AND USES THEREOF
• PROCÉDE DE PURIFICATION ET DE RECUPÉRATION DE PROTÉINES DE

SOIE SOUS FORME SOLUBLE ET UTILISATIONS DE CES PROTÉINES DE SOIE

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) FAHNESTOCK, Stephen, R.; 719 Mount Lebanon Road, Wilmington, DE 19803 (US).
SCHULTZ, Thomas, M.; 5 Golden Corner Way, Randolph, NJ 07869 (US).

(74) FELTHAM, S., Neil; E.I. DUPONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, WILMINGTON, DE 19805 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ C12N

(11) WO 2004/044173 (13) A2

(21) PCT/US2003/036164

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,902 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CIS-PRENYLTRANSFERASES FROM THE RUBBER-PRODUCING PLANTS RUSSIAN DANDELION (*TARAXACUM KOK-SAGHYZ*) AND SUNFLOWER (*HELIANTHUS ANNUUS*)

• <I>CIS</I>-PRENYLTRANSFERASES EXTRAITES DES ESPÈCES VÉGÉTALES PRODUCTRICES DE CAOUTCHOUC APPELÉES PLANTE DE KOK-SAGHYZ (<I>TARAXACUM KOK-SAGHYZ</I>) ET TOURNESOL (<I>HELIANTHUS ANNUUS</I>)

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HALLAHAN, David, L. [IE/US]; 5117 New Kent Road, Wilmington, DE 19808 (US).
KEIPER-HRYNKO, Natalie, M. [US/US]; 3 Galen Court, Bear, DE 19701 (US).

(74) JOUNG, J., Kenneth; E.I. DUPONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044174 (13) A2

(21) PCT/US2003/036226

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,503 12 Nov/nov 2002 US
(12.11.2002)(30) 60/425,535 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TOPOISOMERASE-TARGETING
AGENTS• AGENTS CIBLANT LES TOPOISOME-
RASES(71) RUTGERS, THE STATE UNIVERSITY
[US/US]; Old Queens Building, Somerset and
George Streets, New Brunswick, NJ 08903
(US).*(for all designated States except / pour tous
les États désignés sauf US)*(71, 72) LAVOIE, Edmond, J. [US/US]; 3 Guil-
ford Court, Princeton Junction, NJ 08550
(US).(72, 75) RUCHELMAN, Alexander, L.
[US/US]; 101 Everett Street, Robbinsville,
NJ 08691 (US). LIU, Leroy, F. [US/US];
5 Fairacres Drive, Bridgewater, NJ 08807
(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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044175 (13) A2

(21) PCT/US2003/036227

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,776 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLUORESCENCE GUIDED CELL CAP-
TURE• CAPTURE DE CELLULES PILOTEE
PAR FLUORESCENCE(71) ANTICANCER, INC. [US/US]; 7917 Os-
trow Street, San Diego, CA 92111 (US).(72) JIANG, Ping; 8056 Camino Huerta, Apt.
47, San Diego, CA 92122 (US). YANG,
Meng; 12631 El Camino Real, Apt., 2105,
San Diego, CA 92130 (US). XU, Mingxu;
6172 Sunset Crest Way, San Diego, CA
92121 (US).(74) MURASHIGE, Kate, H. et al. / etc.; Mor-
rison & Foerster LLP, 3811 Valley Centre
Drive, Suite 500, San Diego, CA 92130-2332
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT 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 C12N

(11) WO 2004/044176 (13) A2

(21) PCT/US2003/036237

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,286 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADENOVIRAL VECTOR VACCINE

• VACCIN A VECTEUR ADENOVIRAL

(71, 72) DEISSEROTH, Albert, B. [US/US];
9610 Limar Way, San Diego, CA 92129
(US). CHANG, Yucheng [CN/US]; 5150
Balboa Arms Drive, #A3, San Diego, CA
92121 (US). ZHANG, Lixin [CN/US]; 470
Prospect Street, #65, New Haven, CT 06511
(US).(74) WARBURG, Richard, J. et al. / etc.; Foley
& Lardner, P.O. Box 80278, San Diego, CA
92138-0278 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044177 (13) A2

(21) PCT/US2003/036238

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,945 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXPRESSION PROFILING BASED ON
HISTOCULTURES• ETABLISSEMENT DE PROFILS D'EX-
PRESSION BASE SUR DES HISTO-
CULTURES(71) ANTICANCER, INC. [US/US]; 7917 Os-
trow Street, San Diego, CA 92111 (US).(72) JIANG, Ping; 8056 Camino Huerta, Apt. 47,
San Diego, CA 92122 (US). XU, Mingxu;
6172 Sunset Crest Way, La Jolla, CA 92121
(US). TAN, Yuying; 7575 Linda Vista Road,
#84, San Diego, CA 92111 (US).(74) MURASHIGE, Kate, H. et al. / etc.; Mor-
rison & Foerster LLP, 3811 Valley Centre
Drive, Suite 500, San Diego, CA 92130-2332
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT 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 C12N

(11) WO 2004/044178 (13) A2

(21) PCT/US2003/036260

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,813 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND COMPOSITIONS FOR
DIAGNOSING DYSPLASIA• PROCEDES ET COMPOSITIONS POUR
DIAGNOSTIQUER UNE DYSPLASIE(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) SMITH, Victoria [AU/US]; 19 Dwight
Road, Burlingame, CA 94010 (US).(74) CONLEY, Deirdre L. et al. / etc.; GENEN-
TECH, INC., 1 DNA Way, South San Fran-
cisco, 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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044179 (13) A2

(21) PCT/US2003/036278

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,012 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR REMOTE INTERROGATION MOTION DETECTION

• SYSTEME ET PROCEDE DE DETECTION DE MOUVEMENT PAR INTERROGATION A DISTANCE

(71) ARIZONA BOARD OF REGENTS [US/US]; P.O. Box 879209, Tempe, AZ 85287-9209 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHAPSKY, Lars [US/US]; 5063 S. Roosevelt Street, Tempe, AZ 85282 (US). DIAZ, Rodolfo, E. [US/US]; 3231 E. Cottonwood Lane, Phoenix, AZ 85048 (US). WATTS, Michael [US/US]; 1255 East University Drive, Apartment 372, Tempe, AZ 85281 (US).

(74) BUTTER, Gary, M. et al. / etc.; Baker Botts LLP, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044180 (13) A2

(21) PCT/US2003/036312

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,552 12 Nov/nov 2002 US
(12.11.2002)(30) 60/456,811 21 Mar/mar 2003 US
(21.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR PRODUCTION OF POLYKETIDES

• PROCEDE DE PRODUCTION DE POLYKETIDES

(71) KOSAN BIOSCIENCES, INC. [US/US]; 3832 Bay Center Place, Hayward, CA 94545 (US).

(72) REGENTIN, Rika; 25409 Modoc Court, Hayward, CA 94542 (US). DESAI, Ruchir, P.; 115 Rockharbor Lane, Foster City, CA 94404 (US).

(74) CHAO, Yuan; Kosan Biosciences, Inc., 3832 Bay Center Place, Hayward, CA 94545 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N

(11) WO 2004/044181 (13) A2

(21) PCT/US2003/036411

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,234 13 Nov/nov 2002 US
(13.11.2002)(30) PCT/US03/15493 15 May/mai 2003 US
(15.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION

• MODULATION ANTISENS DE L'EXPRESSION D'APOLIPOPROTEINE B

(71) ISIS PHARMACEUTICALS INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) CROOKE, Rosanne [US/US]; 3211 Piraqua Street, Carlsbad, CA 92009 (US). GRAHAM, Mark [US/US]; 2305 South Ola Vista, San Clemente, CA 92672 (US). LEMONIDIS-TARBET, Kristina [US/US]; 1652 Seattle Slew Way, Oceanside, CA 92057 (US). DOBIE, Kenneth, W. [GB/US]; 703 Stratford Court, #4, Del Mar, CA 92014 (US).

(74) WRONA, Thomas, J.; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044182 (13) A2

(21) PCT/US2003/036634

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,256 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGHLY PERMISSIVE CELL LINES FOR HEPATITIS C VIRUS REPLICATION

• LIGNEES CELLULAIRES HAUTEMENT PERMISSIVES POUR REPLICATION DE L'ARN DU VIRUS DE L'HEPATITE C

(63) US 60/426,256 (CON)
13 Nov/nov 2002 (13.11.2002)(71) WASHINGTON UNIVERSITY [US/US]; One US Bank Plaza, St. Louis, MO 63130 (US).
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(72, 75) RICE III, Charles M. [US/US]; 7316 Colgate Avenue, University City, MO 63130 (US). BLIGHT, Keril J. [US/US]; 4355 Maryland Avenue, St. Louis, MO 63108 (US).

(74) KASTEN, Daniel S. et al. / etc.; Thompson Coburn LLP, One US Bank Plaza, St. Louis, MO 63101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N 1/00

(11) WO 2004/044183 (13) A2

(21) PCT/US2003/036439

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,064 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL FEEDING PROCESSES FOR FERMENTATION

• NOUVEAUX PROCEDES D'ALIMENTATION POUR LA FERMENTATION

(71) AKZO NOBEL N.V. [NL/NL]; Velperweg 76, 6824 BM Arnhem, NL-6824 Arnhem (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LIN, WengLong, R. [CN/US]; 9410 Key West Ave, Rockville, MD 20850 (US). MISTRY, Firoz, R. [IN/US]; 113 Hampshire Place, Chapel Hill, NC 27516 (US). NARAYANASWAMY, Arun [IN/US]; 114 Timber Hitch Road, Cary, NC 27513 (US). SORENSEN, Edward, T. [US/US]; 3625 Brentwood Road, Raleigh, NC 27604 (US).

- KIM, Wan-Seop [CN/US]; 1211 MacAlpine Circle, Morrisville, NC 27560 (US). PER-RIN, Dana, L. [US/US]; 220 Trailview Drive, Cary, NC 27513 (US).
- (74) RAMEY, William, P., III; Akzo Nobel Patent Department, P.O. Box 318, 405 State Street, Millsboro, DE 19966 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 1/10, A01N 43/04, A61K 31/70
- (11) WO 2004/044184 (13) A1
- (21) PCT/US2003/035747
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 10/293,867 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • BIOLOGICAL CARRIERS FOR THE DELIVERY OF PROTEINS OR PEPTIDES
- SUPPORTS BIOLOGIQUES POUR L'ADMINISTRATION DE PROTEINES OU DE PEPTIDES
- (71) FINCH UNIVERSITY OF HEALTH SCIENCES [US/US]; 3333 Green Bay Road, North Chicago, IL 60064 (US).
- (72) CHANG, Kwang-Poo; 711 Cumming Avenue, Kenilworth, IL 60043 (US). SASSA, Shigeru; 14-33, Hamadayama 4-chome, Suginami-ku, Tokyo 168-0065 (JP). SAH, Jerome, F.; 3707 Riedham Road, Shaker Heights, OH 44120 (US). ITO, Hiroyi; 2-17-7 Jiyugaoka, Kagoshima, Kagoshima 891-0106 (JP). KOLLI, Bala, Krishna; 587 Lakehurst Road, Apartment GL, Waukegan, IL 60085 (US). PETERSON, Daniel, A.; 207 Berkshire Drive, Lake Villa, IL 60046 (US).
- (74) YEUNG, Tin-Chuen; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N 1/20, A23K 1/165, A61K 35/66 // F26B 5/16, (C12N 1/20, C12R 1:07)
- (11) WO 2004/044186 (13) A1
- (21) PCT/RU2003/000443
- (22) 20 Oct/oct 2003 (20.10.2003)
- (25) ru (26) ru
- (30) 2002129938 11 Nov/nov 2002 RU (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PROBIOTIC ADDITIVE AND THE PRODUCTION METHOD THEREOF
- ADDITIF PROBIOTIQUE ET PROCEDE DE FABRICATION CORRESPONDANT
- (71) ZAKRYTOE AKTSIONERNOE OBSHESTVO "KUL" [RU/RU]; B. Znamensky per., 8/12-4, Moscow, 121019 (RU).
- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ C12N 1/19, 15/12, 15/79, 15/81, A23K 1/16, 1/18
- (11) WO 2004/044185 (13) A1
- (21) PCT/SG2003/000266
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,263 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • RECOMBINANT VITELLOGENIN ENRICHED FEED
- ALIMENT ENRICHI PAR UNE VITELLOGENINE RECOMBINEE
- (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) DING, Jeak, Ling [MY/SG]; 110 Holland Avenue, Warner Court #06-04, Singapore 278966 (SG). LIM, Eng, Hwa [MY/MY]; 20-25-02 Ankasa Impian Condominium, Persiaran Raja Chulan, Kuala Lumpur 50200 (MY). LAM, Toong, Jin [SG/SG]; 7 Second Avenue, Singapore 266657 (SG).
- (74) DREW & NAPIER LLC; 20 Raffles Place, #17-00 Ocean Towers, Singapore 048620 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 1/38, 1/20
- (11) WO 2004/044187 (13) A1
- (21) PCT/GB2003/004923
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 0226399.4 13 Nov/nov 2002 GB (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • RAPID DETECTION OF BACTERIAL SPORES
- DETECTION RAPIDE DE SPORES BACTERIENNES
- (71) BIONUTRIX LLC [US/US]; 1150 Hennepin Avenue S# 1103, Minneapolis, MN 55403 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) REISSBRODT, Rolf [DE/DE]; Gartenstrasse 7, 38855 Wernigerode (DE). LYTE, Mark [US/US]; 4077 Deerwood Trail, Eagan, MN 55122 (US). FREESTONE, Primrose, Pamela, Elaine [GB/GB]; 17 Welford Road, Wigston, Leicestershire LE18 3SP (GB). WILLIAMS, Peter, Humphrey [GB/GB]; 462 London Road, Leicester, Leicestershire LE2 2PP (GB).
- (74) MCCALLUM, Graeme, David et al. / etc.; Lloyd Wise, McNeight & Lawrence, Highbank House, Exchange Street, Stockport, Cheshire SK3 0ET (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ C12N 5/06, C07K 14/475, A61K 35/36,
8/98

(11) WO 2004/044188 (13) A1

(21) PCT/GB2003/004949

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 60/426,111 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CULTIVATION OF HAIR INDUCTIVE
CELLS

• CULTURE DE CELLULES FAVORI-
SANT LA POUSSE DES CHEVEUX

(71) INTERCYTEX LIMITED [GB/GB];
Grafton street, Manchester M13 9XX (GB).
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les États désignés sauf US)

(72, 75) TEUMER, Jeffrey, Keller [US/US];
213 Aspinwall Drive, Brookline, MA 02448
(US). QIAO, Jizeng [US/US]; 47 Reed
Street, Lexington, MA 02446 (US). LA-
FONT, Erica [US/US]; 2 Daybrook Drive
#125, Ayer, MA 01432 (US). WOLOWACZ,
Richard, Gregory [GB/GB]; Cowbrook
Farm, Hurstbrook Close, Glossop, High
Peak, Derbyshire SK13 8PL (GB).

(74) DAVIES, Jonathan, 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 2004/044189 (13) A2

(21) PCT/CA2003/001715

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,568 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOVEL PURIFIED POLYPEPTIDES IN-
VOLVED IN METABOLISM

• NOUVEAUX POLYPEPTIDES PURI-
FIÉS JOUANT UN RÔLE DANS LE
METABOLISME

(71) AFFINIUM PHARMACEUTICALS,
INC. [CA/CA]; 100 University Avenue, 10th

Floor, South Tower, Toronto, Ontario M5J
1V6 (CA).

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les États désignés sauf US)

(72, 75) EDWARDS, Aled [CA/CA]; 21 Suther-
land Drive, Toronto, Ontario M4G 1H1 (CA).
DHARAMSI, Akil [CA/CA]; 29 Moresby
Street, Richmond Hill, Ontario L4B 4K9
(CA). VEDADI, Masoud [CA/CA]; 178
Northwood Drive, Toronto, Ontario M2M
2K3 (CA). VIRAG, Cristina [CA/CA]; 26
Geraldine Court, Brampton, Ontario L6S
2J6 (CA). ALAM, Muhammad, Zahoor
[PK/CA]; #11-440 Malaga Road, Oshawa,
Ontario L1J 1N8 (CA). DOMAGALA,
Megan [CA/CA]; #135-815 Hillcrest Ave.,
Mississauga, Ontario L5B 4B1 (CA). PIN-
DER, Benjamin [CA/CA]; 181 Brunswick
Ave., Apt. 1A, Toronto, Ontario M5S 2M4
(CA). HOUSTON, Simon [GB/CA]; 100
Vaughan Road, Apt. 29, Toronto, Ontario
M6C 2M1 (CA). NETHERY, Kathleen
[CA/CA]; 1185 Lansdowne Avenue, Lower
Unit, Toronto, Ontario M6H 3Z7 (CA). NG,
Ivy [CA/CA]; 33 Isabella Street, Suite 2115,
Toronto, Ontario M4Y 2P7 (CA). CLARKE,
Teresa [CA/CA]; 67 Keele Street, Apt. 3,
Toronto, Ontario M6P 2J8 (CA). KIMBER,
Matthew [GB/CA]; 306 Sumach Street, Apt.
7, Toronto, Ontario M5A 3K2 (CA).

(74) BERESKIN & PARR; 40 King Street West,
40th Floor, Toronto, Ontario M5H 3Y2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C12N 9/00

(11) WO 2004/044190 (13) A2

(21) PCT/DK2003/000775

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) PA 2002 01732 11 Nov/nov 2002 DK
(11.11.2002)

(30) 60/425,403 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ZYMOGEN-LIKE PROTEIN C
POLYPEPTIDES

• POLYPEPTIDES DE PROTEINE C DE
TYPE ZYMOGENE

(71) MAXYGEN ApS [DK/DK]; Agern Allé
1, DK-2970 Horsholm (DK). MAXYGEN
HOLDINGS LTD. [—/—]; c/o Close Brothers
(Cayman) Limited, 103 South Church
Street, P.O. Box 1034 GT, Grand Cayman
(KY).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SONI, Bobby [US/DK]; Aarhus Plads 6,
DK-2100 Copenhagen (DK).

(74) MAXYGEN ApS; Agern Allé 1, DK-2970
Horsholm (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 PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ C12N 9/00, A61P 31/04, 31/12 // C07K
16/12, 16/08

(11) WO 2004/044191 (13) A1

(21) PCT/EP2003/012709

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,242 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTIMICROBIAL ACTIVITY OF AN-
TIBODIES PRODUCING REACTIVE
OXYGEN SPECIES

• ACTIVITE ANTIMICROBIENNE
D'ANTICORPS PRODUISANT UNE
ESPECE D'OXYGENE REACTIVE

(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) WENTWORTH, Paul [GB/US]; 5291
Ruelle De Mer, San Diego, CA 92130 (US).
LERNER, Richard, A. [US/US]; 7750 East
Roseland Drive, La Jolla, CA 92307 (US).

(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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK
LT LU LV MA MD MK MN MX NI NO NZ
OM PG PH PL PT RO RU SC SE SG SK SY
TJ TM TN TR TT UA US UZ VC VN YU ZA
ZW.

(84) EA (AM AZ BY KG KZ MD RU TJ TM);
EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ C12N 9/00

(11) WO 2004/044192 (13) A2

(21) PCT/JP2003/014422

- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 2002-330382 14 Nov/nov 2002 JP (14.11.2002)
- (30) 60/427,177 19 Nov/nov 2002 US (19.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PLASMODIUM PROTOZOA PHOSPHODIESTERASE, NUCLEIC ACID ENCODING THE PHOSPHODIESTERASE, AND TREATMENT OF MALARIA USING INHIBITOR OF THE PHOSPHODIESTERASE
- PHOSPHODIESTERASE DE PROTOZOAIRES DE <I>PLASMODIUM</I>, ACIDE NUCLEIQUE CODANT POUR LA PHOSPHODIESTERASE ET TRAITEMENT DE LA MALARIA A L'AIDE D'UN INHIBITEUR DE LA PHOSPHODIESTERASE
- (71) TANABE SEIYAKU CO., LTD. [JP/JP]; 2-10, Dosho-machi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-8505 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YUASA, Keizo [JP/JP]; 1-3-63-207, Sumiyoshi, Tokushima-shi, Tokushima 770-0861 (JP). OMORI, Kenji [JP/JP]; 1-16-6, Motomachi, Saitam-shi, Saitama 336-0003 (JP). SAKURAI, Naoki [JP/JP]; 2-2-5, Kawagishi, Toda-shi, Saitama 335-8505 (JP). KITA, Kiyoshi [JP/JP]; 4-20-2, Mejiro, Toshima-ku, Tokyo 171-0031 (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 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 C12N 9/02, 15/53, C12Q 1/26
- (11) WO 2004/044193 (13) A1
- (21) PCT/JP2003/014423
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) ja (26) ja
- (30) 2002-329427 13 Nov/nov 2002 JP (13.11.2002)
- (30) 2002-329428 13 Nov/nov 2002 JP (13.11.2002)
- (30) 2003-33641 12 Feb/fév 2003 JP (12.02.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MODIFIED SARCOSINE OXIDASE, PROCESS FOR PRODUCING THE
- SAME AND REAGENT COMPOSITION USING THE SAME
- SARCOSINE OXYDASE MODIFIEE, SON PROCÉDE DE PRODUCTION ET COMPOSITION DE REACTIF FAISANT APPEL A CETTE DERNIERE
- (71) TOYO BOSEKI KABUSHIKI KAISHA [JP/JP]; 2-8, Dojima Hama 2-chome, Kita-ku, Osaka-shi, Osaka 530-8230 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KISHIMOTO, Takahide [JP/JP]; c/o Tsuruga Institute of Biotechnology of, TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). SOGABE, Atsushi [JP/JP]; c/o Tsuruga Institute of Biotechnology of, TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP). OKA, Masanori [JP/JP]; c/o Tsuruga Institute of Biotechnology of, TOYO BOSEKI KABUSHIKI KAISHA, 10-24, Toyo-cho, Tsuruga-shi, Fukui 914-0047 (JP).
- (74) SAEGUSA, Eiji et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C12N 9/02
- (11) WO 2004/044194 (13) A2
- (21) PCT/US2003/035570
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 60/424,653 7 Nov/nov 2002 US (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CALMODULIN INDEPENDENT ACTIVATION OF NITRIC OXIDE SYNTHASE BY NADPH ANALOGS
- ACTIVATION NE DEPENDANT PAS DE LA CALMODULINE DE L'OXYDE NITRIQUE SYNTHASE PAR DES ANALOGUES NADPH
- (71) RENSSLAER POLYTECHNIC INSTITUTE [US/US]; 1223 Peoples Avenue, J Building, Room 3210, Troy, NY 12180-3590 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SALERNO, John, C. [US/US]; 8 Lansing Avenue, Troy, NY 12180 (US). SMITH, Susan, M., E. [US/US]; 8 Lansing Avenue, Troy, NY 12180 (US).
- (74) BROOK, David, E. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, G01N 33/573, A61K 38/00
- (11) WO 2004/044196 (13) A1
- (21) PCT/EP2003/012342
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) en (26) en
- (30) 02025502.2 13 Nov/nov 2002 EP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HUMAN PHOSPHODIESTERASE 7B (PDE7b)

- PROCÉDES DE DIAGNOSTIC DE MALADIES ASSOCIÉES À LA PHOSPHODIESTERASE 7B (PDE7B) HUMAINE ET MOYENS THÉRAPEUTIQUES CORRESPONDANTS

(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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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, A01K 67/027, C12N 15/90, C07K 14/82

(11) WO 2004/044197 (13) A1

(21) PCT/CA2003/001750

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 2,411,729 13 Nov/nov 2002 CA (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • KNOCK-IN MOUSE PROSTATE CANCER MODEL

- MODELE DU CANCER DE LA PROSTATE CHEZ DES SOURIS KNOCK-IN

(71) PROCYON BIOPHARMA INC. [CA/CA]; 1650 Trans-Canada Highway, Suite 200, Dorval, Québec H9P 1H7 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) XUAN, Jim, W. [CA/CA]; 20 Beechbank Cres., London, Ontario N6E 2P2 (CA). PANCHAL, Chandra, J. [CA/CA]; 59 Outcrdrive, London, Ontario N6P 1E3 (CA).

(74) BROUILLETTE, Robert et al. / etc.; Brouillette Kosie Prince, 1100 René-Lévesque Blvd. 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 15/02, C07K 16/44, C12N 5/18, C12P 21/08, G01N 33/53, 33/577

(11) WO 2004/044198 (13) A1

(21) PCT/JP2003/014293

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-328124 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTIBODIES RECOGNIZING CHONDROITIN SULFATE B AND CHONDROITIN SULFATE E

- ANTICORPS RECONNAISSANT LE SULFATE B DE CHONDROITINE ET LE SULFATE E DE CHONDROITINE

(71) TAISHO PHARMACEUTICAL CO., LTD. [JP/JP]; 24-1, Takada 3-chome, Toshima-ku, Tokyo 170-8633 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYASAKA, Masayuki [JP/JP]; 5-80-11, Nanpeidai, Takatsuki-shi, Osaka 569-1042 (JP). KAWASHIMA, Hiroto [JP/JP]; 5097-2-1302, Shiba, Kawaguchi-shi, Saitama 333-0866 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/09, C12Q 1/02, 1/68, G01N 33/15, 33/50, 33/53, C07K 14/47, A61K 31/7088, 39/395, 45/00, 48/00, A61P 3/10, 13/12

(11) WO 2004/044199 (13) A1

(21) PCT/JP2003/014339

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-329778 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SCREENING METHOD

- PROCÉDE DE CRIBLAGE

(71) TAKEDA CHEMICAL INDUSTRIES, LTD. [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MATSUO, Takanori [JP/JP]; 3-21, Midorigaoka 1-chome, Ikeda-shi, Osaka 563-0026 (JP). TSUGE, Hiroko [JP/JP]; 17-10-708, Oyacho, Nishinomiya-shi, Hyogo 663-8106 (JP). HAZAMA, Masatoshi [JP/JP]; 7-28-102, Satsukigaoka 2-chome, Ikeda-shi, Osaka 563-0029 (JP).

(74) TAKAHASHI, Shuichi et al. / etc.; c/o Osaka Plant of TAKEDA CHEMICAL INDUSTRIES, LTD., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0024 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N 15/09, 5/14, A01H 5/00

(11) WO 2004/044200 (13) A1

(21) PCT/JP2003/014434

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 60/425,919 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GENE ELEVATING CEREAL YIELD AND UTILIZATION THEREOF

- GENE AUGMENTANT LE RENDEMENT CÉRÉALIER ET SON UTILISATION

(71) HONDA MOTOR CO., LTD. [JP/JP]; 1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo 107-8556 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) ASHIKARI, Motoyuki [JP/JP]; 407, Newpavilion Kato, 1-1401, Makinohara, Meito-ku, Nagoya-shi, Aichi 465-0072 (JP). MATSUOKA, Makoto [JP/JP]; 9-203, Takinomisujutaku, 3-252, Shinonokaze, Midori-ku, Nagoya-shi, Aichi 458-0015 (JP). LIN, Shaoyang [CN/JP]; c/o HONDA RESEARCH INSTITUTE JAPAN, 1, Honcho 8-chome, Wako-shi, Saitama 351-0114 (JP). YAMAMOTO, Toshio [JP/JP]; c/o HONDA RESEARCH INSTITUTE JAPAN, 1, Honcho 8-chome, Wako-shi, Saitama 351-0114 (JP). NISHIMURA, Asuka [JP/JP]; c/o HONDA RESEARCH INSTITUTE JAPAN, 1, Honcho 8-chome, Wako-shi, Saitama

351-0114 (JP). TAKASHI, Tomonori [JP/JP]; c/o HONDA RESEARCH INSTITUTE JAPAN, 1, Honcho 8-chome, Wako-shi, Saitama 351-0114 (JP).

(74) SHIMIZU, Hatsushi et al. / etc.; Kantetsu Tsukuba Bldg. 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 :

(i) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ C12N 15/09, 15/12, C07K 14/47, C12N 1/15, 1/19, 1/21, 5/10, C07K 16/18, C12P 21/08, A01K 67/027, C12Q 1/68, 1/02, G01N 33/53

(11) WO 2004/044201 (13) A1

(21) PCT/JP2003/014475

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330972 14 Nov/nov 2002 JP (14.11.2002)

(30) 2003-270839 3 Jul/juil 2003 JP (03.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SIGNALING PROTEINS PARTICIPATING IN IMMUNOPOTENTIATION BY VIRUS-ORIGIN DOUBLE-STRANDED RNA AND ENDOTOXIN AND GENES THEREOF

• PROTEINES DE SIGNALISATION PARTICIPANT A L'IMMUNOPOTENTIALISATION PAR UN ARN DOUBLE BRIN D'ORIGINE VIRALE ET UNE ENDO-TOXINE ET GENES ASSOCIES

(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) AKIRA, Shizuo [JP/JP]; 1-7-16, Zushi, Takatsuki-shi, Osaka 569-0036 (JP). TAKEDA, Kiyoshi [JP/JP]; 2-7-10, Onohara-Higashi, Mino-shi, Osaka 562-0031

(JP). YAMAMOTO, Masahiro [JP/JP]; Room 205, 4-19-36, Onohara-Higashi, Mino-shi, Osaka 562-0031 (JP).

(74) HIROTA, Masanori; 3F, Wakabayashi Building, 8-5, Akasaka 2-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/10, 15/63

(11) WO 2004/044202 (13) A1

(21) PCT/KR2003/002451

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 10-2002-0070845 14 Nov/nov 2002 KR (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR THE GENE REGULATION AT BOTH TRANSCRIPTION AND POST-TRANSCRIPTION LEVELS
• PROCEDE DE REGULATION GENIQUE AU NIVEAU TRANSCRIPTIONNEL ET POST-TRANSCRIPTIONNEL

(71) TOOLGEN, INC. [KR/KR]; Daedeok Biocommunity, 461-6, Jeonmin-dong, Yuseong-gu, 305-390 Daejeon (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Jin-Soo [KR/KR]; #202 Jeonmin-dong 299-8, Yuseong-gu, 305-390 Daejeon (KR). SHIN, Hyun, Chul [KR/KR]; Expo Apt. 407-1704, Jeonmin-dong, Yuseong-gu, 305-390 Daejeon (KR). KWON, Heung-Sun [KR/KR]; Sangroksu Apt. 103-1508, Man-nyun-dong, Seo-gu, 302-781 Daejeon (KR).

(74) JANG, Seongku; 19th Fl., KEC Building, #275-7, Yangjae-dong, Seocho-ku, 137-130 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12N 15/11, 15/10, 15/82, A01K 67/00, A01H 1/00, C07K 14/435, 16/18, C12Q 1/68, G01N 33/533

(11) WO 2004/044203 (13) A1

(21) PCT/RU2003/000474

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/425,570 12 Nov/nov 2002 US (12.11.2002)

(30) 60/429,795 27 Nov/nov 2002 US (27.11.2002)

(30) 60/464,258 21 Apr/avr 2003 US (21.04.2003)

(30) 60/480,080 20 Jun/juin 2003 US (20.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLUORESCENT PROTEINS AND CHROMOPROTEINS FROM NON-AEQUOREA HYDROZOA SPECIES AND METHODS FOR USING SAME

• PROTEINES FLUORESCENTES ET CHROMOPROTEINES PROVENANT D'ESPECES AUTRES QUE L'ESPECE <I>AEQUOREA HYDROZOA</I> ET PROCÉDES D'UTILISATION DE CES PROTEINES

(71) ZAKRYTOE AKTSIONERNOE OBSHESTVO "EVROGEN" [RU/RU]; ul. Miklukho-Maklaya, 16/10, 117997 Moscow (RU).

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(72, 75) LUKYANOV, Sergei Anatolievich [RU/RU]; ul. Juzhnobutovskaya, 91-21, 117042 Moscow (RU). SHAGIN, Dmitry Alexeevich [RU/RU]; ul. Golubinskaya, 13-1-161, 117574 Moscow (RU). YANUSHEVICH, Yuriy Grigorievich [RU/RU]; ul. Bolshaya Cherkizovskaya, 3-2-2, 107061 Moscow (RU).

(74) LAW FIRM "GORODISSKY & PARTNERS" LTD.; Galina EGOROVA, ul. B.Spasskaya, 25, stroenie 3, 129010 Moscow (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12N 15/13, C07K 16/18, C12N 15/63, 1/21, G01N 33/53, A61K 39/395, A61P 25/28, C07K 14/47, G01N 33/68

(11) WO 2004/044204 (13) A2

(21) PCT/FR2003/003319

(22) 6 Nov/nov 2003 (06.11.2003)

(25) fr (26) fr

(30) 02/13866 6 Nov/nov 2002 FR
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VARIABLE FRAGMENTS OF SINGLE-CHAIN CAMELIDE ANTIBODIES AND USES THEREOF FOR DIAGNOSING AND TREATING VARIOUS PATHOLOGIES

• FRAGMENTS VARIABLES D'ANTI-CORPS DE CAMELIDES A CHAÎNE UNIQUE ET LEURS APPLICATIONS POUR LE DIAGNOSTIC ET LE TRAITEMENT DE PATHOLOGIES DIVERSES.

(71) INSTITUT PASTEUR [FR/FR]; 28 rue du Docteur Roux, F-75724 Paris cedex 15 (FR). CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3 rue Michel-Ange, F-75794 Paris cedex 16 (FR).

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(72, 75) ROUGEON, François [FR/FR]; 36 rue Fontaine, F-92310 Sevres (FR). LAFAYE, Pierre [FR/FR]; 31 Boulevard Camelinat, 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 BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/29

(11) WO 2004/044205 (13) A1

(21) PCT/KR2003/002415

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ko (26) en

(30) 10-2002-0069589 11 Nov/nov 2002 KR
(11.11.2002)

(30) 10-2003-0024776 18 Apr/avr 2003 KR
(18.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PLANT SEED-SPECIFIC EXPRESSION PROMOTER DERIVED FROM SESAME AND SEED-SPECIFIC EXPRESSION VECTOR COMPRISING THE PROMOTER

• PROMOTEUR D'EXPRESSION SPECIFIQUE A LA SEMENCE DE PLANTES DERIVE DU SESAME ET VECTEUR D'EXPRESSION SPECIFIQUE A LA SEMENCES DE PLANTES COMPROMISE PROMOTEUR

(71) KOREA CHUNGANG EDUCATIONAL FOUNDATION [KR/KR]; 1-2, Anamdong-5ga, Seongbuk-gu, 136-701 Seoul (KR).

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(72, 75) SUH, Mi-Chung [KR/KR]; 13-1101 Hyundaiprime Apt., Guwui-dong, Gwangjin-gu, 143-761 Seoul (KR). KIM, Mi-Jung [KR/KR]; 467-7, Seongnae-1dong, Kangdong-gu, 134-031 Seoul (KR). KIM, Hee-Ja [KR/KR]; Rm.103 Daeyang Yeonrib 606-10, Shinwol2-dong, Yangcheon-gu, 158-092 Seoul (KR). CHUNG, Chung-Han [KR/KR]; Rm.111 Goejeong Jayu3cha Apt. 1065, Goejeong1-dong, Saha-gu, 604-081 Busan (KR). PYEE, Jae-Ho [KR/KR]; 1241-805 Mokryun Apt., Sanbon-dong, 435-040 Gunpo-city, Kyungki-do (KR). HYUNG, Nam-In [KR/KR]; 101-103 Hyundai Apt., Ssangyong-dong, 330-090 Cheonan-city, Chungcheongnam-do (KR).

(74) LEE, Young-Pil; The Cheonghwa Building, 1571-18, Seocho-dong Seocho-gu, 137-874 Seoul (KR).

(81) JP US.

(51)⁷ C12N 15/70

(11) WO 2004/044206 (13) A1

(21) PCT/KR2003/002427

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ko (26) en

(30) 10-2002-0070188 12 Nov/nov 2002 KR
(12.11.2002)

(30) 10-2003-0079366 11 Nov/nov 2003 KR
(11.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PLASMIDS EXPRESSING HUMAN INSULIN AND THE PREPARATION METHOD FOR HUMAN INSULIN THEREBY

• PLASMIDES EXPRIMANT DE L'INSULINE HUMAINE ET PROCEDE DE PREPARATION DE L'INSULINE AU MOYEN DE CEUX-CI

(71) CKD BIO CORP. [KR/KR]; 368., 3-ga, Chungjeong-ro, Seodaemun-gu, 120-756 Seoul (KR).

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(72, 75) LEE, Sang-Yong [KR/KR]; 429-147, (22/4), Guro-2dong, Guro-ku, 152-052 Seoul (KR). OH, Sung-Jin [KR/KR]; 104-1506, Woosung Apartment, Jayang-3dong, Gwangjin-gu, 143-773 Seoul (KR). KIM, Chang-Kyu [KR/KR]; 102-1905, Hyangchon Hyundai 5cha, Pyeongchon-dong, Dongan-ku, Anyang-city, 431-070 Kyunggi-do (KR). SON, Young-Jin [KR/KR]; 360-702, Toegye Apartment, 875, Geumjeong-dong, Gunpo-city, 435-050 Kyunggi-do (KR). PARK, Kyong-Hee [KR/KR]; 302, 570-11, Il-dong, Ansan-city, 425-859 Kyunggi-do (KR). MIN, Cheol-Ki [KR/KR]; Ga-205, Dongjin Yeonrip, 7-6, Onsu-dong, Guro-ku, 152-905 Seoul (KR). CHOI, Byung-Min [KR/KR]; 103-1303, Ssangyong Apartment, Imun-dong, dongdaemun-ku, 130-765 Seoul (KR). KANG, Tae-Won [KR/KR]; 113-702, Hyundai Apartment, 578, Junggye-dong, Nowon-ku, 139-932 Seoul (KR). KIM, Jung-Woo [KR/KR]; 925-7, Hwagok-1dong, Kangseo-ku, 157-910 Seoul (KR).

(74) DARAE PATENT FIRM; 10th Floor, KIPS, 647-9, Yeoksam-dong, Kangnam-ku, Seoul 135-980 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c), (m)

(51)⁷ C12N 15/82, 15/11, C07K 14/415

(11) WO 2004/044207 (13) A1

(21) PCT/CA2003/001754

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 60/426,012 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PLANT STRESS TOLERANCE GENES, AND USES THEREFOR

• GENES DE TOLERANCE DU STRESS DES PLANTES ET UTILISATIONS ASSOCIEES

(71) UNIVERSITY OF SASKATCHEWAN TECHNOLOGIES INC. [CA/CA]; University of Saskatchewan, Room 304, Kirk Hall, Saskatoon, Saskatchewan S7N 5C8 (CA).

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(72, 75) ROBERTSON, Albert, James [CA/CA]; Box 1, Groupsite 602, R.R.6, Saskatoon, Saskatchewan S7K 3J9 (CA). GUSTA, Lawrence, Victor [CA/CA]; 515 Copland Crescent, Saskatoon, Saskatchewan S7H 2Z4 (CA). WU, Guohai [CA/CA]; 2103 Kenderdine Road, Saskatoon, Saskatchewan S7N 4A9 (CA).

(74) GALE, Edwin, J. et al. / etc.; Kirby Eades Gale Baker, Box 3432, Station D., Ottawa, Ontario K1P 6N9 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12N 15/82

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(21) PCT/IB2003/005092

(22) 12 Nov/nov 2003 (12.11.2003)

(25) it (26) en

(30) BO2002A000714 13 Nov/nov 2002 IT
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FOOD FLOURS WITH SPECIFIC TECHNOLOGICAL CHARACTERISTICS AND LOW ALLERGENICITY

• FARINES ALIMENTAIRES POSSE-
DANT DES CARACTERISTIQUES
TECHNOLOGIQUES ET UNE FAIBLE
ALLERGENICITE

(71) PLANTECHNO SRL [IT/IT]; via Staffolo
60, I-26040 Vicomoscato (Cremona) (IT).
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(72, 75) FOGHER, Corrado [IT/IT]; via
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mona) (IT).

(74) TROMBETTI, Gioia; via Portazza 8,
I-40139 Bologna (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C12N 005/00, 005/06, 005/08

(11) WO 2004/044209 (13) A1

(21) PCT/AU2003/001497

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 2002953021 13 Nov/nov 2002 AU
(13.11.2002)

(30) 2002952665 14 Nov/nov 2002 AU
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD OF DETECTION

• METHODE DE DETECTION

(71) MONOQUANT PTY LTD [AU/AU]; c/- G
Tull, 147 Frome Street, Adelaide, South Aus-
tralia 5000 (AU).

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les États désignés sauf US)

(72, 75) MORLEY, Alexander, Alan [AU/AU];
60/32 Colley Terrace, Glenelg, South Aus-
tralia 5045 (AU). GRIST, Scott, Andrew
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Creek, South Australia 5214 (AU).

(74) OBRANOVICH, Tania, D. 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY

TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ C12P

(11) WO 2004/044210 (13) A2

(21) PCT/US2003/035878

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,372 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MATERIALS AND METHODS FOR
THE EFFICIENT PRODUCTION OF
ACETATE AND OTHER PRODUCTS

• MATERIAUX ET PROCEDES PER-
METTANT UNE BONNE PRODUC-
TION D'ACETATE ET D'AUTRES
PRODUITS

(71) UNIVERSITY OF FLORIDA [US/US];
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(US).

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les États désignés sauf US)

(72, 75) CAUSEY, Thomas, B. [US/US]; 703
SW 75th St., #108, Gainesville, FL 32607
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3132 NW 27th Terrace, Gainesville, FL
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4317 NW 34th Drive, Gainesville, FL 32605
(US). SHANMUGAN, Keelnathan, T.
[US/US]; 3215 NW 47th Place, Gainesville,
FL 32605 (US).

(74) SALIWANCHIK, David, R. et al. / etc.;
Saliwanchik, Lloyd & Saliwanchik, A pro-
fessional Association, 2421 N.W. 41st Street,
Suite A-1, Gainesville, FL 32606-6669 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 C12P 7/42, C12N 15/63, 1/21, C07D
339/04

(11) WO 2004/044211 (13) A1

(21) PCT/EP2003/010687

(22) 25 Sep/sep 2003 (25.09.2003)

(25) de (26) de

(30) 102 45 993.2 2 Oct/oct 2002 DE
(02.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CELLS OVEREXPRESSING LIPOYL-
PROTEIN LIGASE B-GENE FOR FER-
MENTATIVE PRODUCTION OF R-AL-
PHA-LIPONIC ACID

• CELLULES SUREXPRIMANT UN
GENE DE LIGASE B DE PROTEINE LI-
POYLE PERMETTANT DE PRODUIRE
PAR FERMENTATION DE L'ACIDE
LIPOIQUE R-ALPHA

(71) CONSORTIUM FÜR ELEKTRO-
CHEMISCHE INDUSTRIE GMBH
[DE/DE]; Zielstattstrasse 20, 81379 München
(DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DASSLER, Tobias [DE/DE]; Himala-
jastasse 14, 81825 München (DE).

(74) POTTEN, Holger et al. / etc.; Wacker-
Chemie GmbH, Zentralbereich PML,
Hanns-Seidel-Platz 4, 81737 München (DE).

(81) AU CA CN JP KR MX RU US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (c)

(51)⁷ C12P 7/62, 7/64, A61K 7/48, C07C 69/52,
C11C 3/10

(11) WO 2004/044212 (13) A1

(21) PCT/EP2003/012206

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 0226270.7 11 Nov/nov 2002 GB
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF PRODUCING RETINYL
ESTERS

• PROCEDE POUR PRODUIRE DES ES-
TERS DE RETINYLE

(71) UNILEVER PLC [GB/GB]; Unilever
House, Blackfriars, London EC4P 4BQ
(GB).

(only for / seulement pour AE AG AU BB BZ
CA CY EG GB GD GH GM IE IL KE LC LK
LS MN MW NZ OM PG SC SD SG SL SZ TT
TZ UG VC ZA ZM ZW)

(71) 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, 400 020 Mumbai
(IN).

(only for / seulement pour IN)

(72, 75) BOSLEY, John, Anthony [GB/GB]; 43
Kettering Road, Islip, Kettering, Northamp-
tonshire NN14 3JT (GB). HARDING, Clive,
Roderick [GB/US]; Unilever R & D Edge-
water, 45 River Road, Edgewater, NJ 07020
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Unilever R & D Colworth, Sharnbrook,
Bedford, Bedfordshire MK44 1LQ (GB).
ROGERS, Julia, Sarah [GB/GB]; Unilever
R & D Colworth, Sharnbrook, Bedford,

- Bedfordshire MK44 1LQ (GB). SCOTT, Ian, Richard [GB/US]; Ian Scott Consulting LLC, 9 Pine Road, Allendale, NJ 07401 (US).
- (74) MULDER, Cornelis, Willem, Reinier et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12P 7/62, C08G 63/06
- (11) WO 2004/044213 (13) A1
- (21) PCT/JP2003/013531
- (22) 23 Oct/oct 2003 (23.10.2003)
- (25) en (26) en
- (30) NO. 2002-310250 24 Oct/oct 2002 JP (24.10.2002)
- (30) NO. 2003-356748 16 Oct/oct 2003 JP (16.10.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • NOVEL POLYHYDROXY ALKANOATE COPOLYMER INCLUDING WITHIN MOLECULE UNIT HAVING VINYL GROUP OR CARBOXYL GROUP IN SIDE CHAIN, AND PRODUCING METHOD THEREFOR
- NOUVEAU COPOLYMERE POLYHYDROXYALCANOATE RENFERMANT UNE UNITE MOLECULAIRE COMPRENANT UN GROUPE VINYLE OU UN GROUPE CARBOXYLE DANS SA CHAINE LATÉRALE ET PROCEDE DE PRODUCTION CORRESPONDANT
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). SUGAWA, Etsuko [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KENMOKU, Takashi [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). YANO, Tetsuya [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). MIHARA, Chieko [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). KOZAKI, Shinya [JP/JP]; c/o CANON

- KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). HONMA, Tsutomu [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). FUKUI, Tatsuki [JP/JP]; c/o CANON KABUSHIKI KAISHA, 3-30-2, Shimomaruko, Ohta-ku, Tokyo 146-8501 (JP). IMAMURA, Takeshi [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 EG ES FI GB GD GE GH GM HR HU 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).
- Published / Publiée : (c)
-
- (51)⁷ C12P 17/14, C07D 273/00, A61K 31/395, A61P 33/00, 43/00
- (11) WO 2004/044214 (13) A1
- (21) PCT/JP2002/011777
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) ja (26) ja
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • NOVEL SUBSTANCE FKI-1033 AND PROCESS FOR PRODUCING THE SAME
- NOUVELLE SUBSTANCE FKI-1033 ET SON PROCEDE DE PRODUCTION
- (71) THE KITASATO INSTITUTE [JP/JP]; 9-1, Shirokane 5-chome, Minato-ku, Tokyo 108-8642 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OMURA, Satoshi [JP/JP]; 3-12, Okamoto 3-chome, Setagaya-ku, Tokyo 157-0076 (JP). SHIOMI, Kazuro [JP/JP]; Room 202, Ono Bldg., 23-7, Ebisu 1-chome, Shibuya-ku, Tokyo 150-0013 (JP). MA-SUMA, Rokuro [JP/JP]; 7-13-102, Mita 4-chome, Minato-ku, Tokyo 108-0073 (JP).
- (74) KOBAYASHI, Kazunori; Taiyoseimeiot-suka Bldg. 3F, 25-1, Kitaotsuka 2-chome, Toshima-ku, Tokyo 170-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12P 19/42
- (11) WO 2004/044215 (13) A2
- (21) PCT/EP2003/012701
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 02102580.4 14 Nov/nov 2002 EP (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FORMULATIONS COMPRISING VITAMIN B12, METHOD OF PRODUCTION AND USE THEREOF
- PREPARATIONS COMPRENANT DE LA VITAMINE B12, PROCEDE DE PRODUCTION ET D'UTILISATION DE CELLES-CI
- (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) BIJL, Hendrik, Louis [NL/NL]; Insulindestraat 72, NL-3131 ZD Vlaardingen (NL). SARDJOEPERSAD, Sandjai [NL/NL]; Zalmforelvijver 8, NL-2492 MR Den Haag (NL).
- (74) WRIGHT, Simon, Mark 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ C12P 19/44, 19/62, A61L 2/16
- (11) WO 2004/044216 (13) A1
- (21) PCT/US2003/035871
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 60/424,271 6 Nov/nov 2002 US (06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ANTIMICROBIAL PROPERTIES OF VARIOUS FORMS OF SOPHOROLIPIDS
- PROPRIETES ANTIMICROBIENNES DE DIVERSES FORMES DE SOPHOLIPIDES
- (71) POLYTECHNIC UNIVERSITY [US/US]; Six Metrotech Center, Brooklyn, NY 11201 (US).
- (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROSS, Richard, A.** [US/US]; 16 Northern Parway East, Plainview, NY 11803 (US). **SHAH, Vishal** [IN/US]; 270-7 Union Turn Pike, New Hyde Park, NY 11040 (US).

(74) **COLTON, Laurence, P.**; Technoprop Colton LLC, P.O. Box 567685, Atlanta, GA 31156-7685 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ C12Q

(11) **WO 2004/044217** (13) A2

(21) PCT/IB2003/005553

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,672 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • DNA SEQUENCES FROM TCD GENOMIC REGION OF PHOTORHABDUS LUMINESCENS

• SEQUENCES D'ADN PROVENANT DE LA PARTIE GENOMIQUE TCD DE <I>PHOTORHABDUS LUMINESCENS</I>

(71) **UNIVERSITY OF BATH** [GB/GB]; Bath BA2 7AY (GB).

(72) **FFRENCH-CONSTANT, Richard, H.**; 29 Rockliffe Avenue, Bath BA2 6QP (GB). **WATERFIELD, Nicholas, R.**; 11 Pippin Close, Peasedown St. John, Bath BA2 8SP (GB).

(81) AE AG 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044218** (13) A2

(21) PCT/US2003/035115

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 60/423,777 **5 Nov/nov 2002 (05.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND MATERIALS FOR EXAMINING PATHWAYS ASSOCIATED WITH GLIOBLASTOMA PROGRESSION

• PROCEDES, SUBSTANCES ET MATERIEL PERMETTANT D'EXAMINER DES VOIES ASSOCIEES A LA PROGRESSION DE GLIOBLASTOME

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607 (US). **CELL SIGNALING TECHNOLOGY, INC.** [US/US]; 166B Cummings Center, Beverly, MA 01915 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MISCHEL, Paul, S.** [US/US]; 20054 Linnington Avenue, Los Angeles, CA 90025 (US). **SAWYERS, Charles, L.** [US/US]; 177 S. Westgate Avenue, Los Angeles, CA 90049 (US). **SMITH, Bradley, L.** [US/US]; 25 Willow Road, Marblehead, MA 01945 (US). **CROSBY, Katherine** [US/US]; 38 Cabral Drive, Middleton, MA 01949 (US).

(74) **WOOD, William, J.**; Gates & Cooper LLP, 6701 Center Drive West, Suite 1050, Los Angeles, CA 90045 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q

(11) **WO 2004/044219** (13) A2

(21) PCT/US2003/035418

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,833 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • XANTHENE COMPOUNDS FOR CANCER CHEMOTHERAPY

• COMPOSES DE XANTHENE DESTINES A LA CHIMIOThERAPIE DU CANCER

(71) **MERCURY THERAPEUTICS, INC.** [US/US]; 2E Gill Street, Woburn, MA 01801 (US).

(72, 75) **BIRNBERG, Neal, C.** [US/US]; 11 Lantern Lane, Lexington, MA 02421 (US). **WENG, Quing** [CN/US]; 242 Weston Road, Wellesley, MA 02482 (US). **LIU, Hong** [CN/US]; 242 Weston Road, Wilmington, MA 01887 (US). **AVRUCH, Joseph** [US/US]; 277 St. Paul Street, Brookline, MA 02446 (US). **KYRIAKIS, John** [US/US]; 48 Morse Avenue, Dedham, MA 02026 (US).

(74) **CRAIG, Anne, I. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q

(11) **WO 2004/044220** (13) A2

(21) PCT/US2003/035666

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/424,746 **8 Nov/nov 2002 (08.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLAVIVIRUS FUSION INHIBITORS

• INHIBITEURS DE FUSION DU FLAVIVIRUS

(71) **THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND** [US/US]; 1430 Tulane Avenue, SL13, New Orleans, LA 70112-2699 (US). **THE ROCKEFELLER UNIVERSITY** [US/US]; 1230 York Avenue, Box 81, New York, NY 10021 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GARRY, Robert, F.** [US/US]; 2114 Pine Street, New Orleans, LA 70112 (US). **DASH, Srikanta** [US/US]; 62 Dove Street, New Orleans, LA 70124 (US). **COY, David, H.** [US/US]; 1529 4th Street, New Orleans, LA 70130 (US). **MCKEATING, Jane, A.** [GB/US]; 504 East 63rd Street, Apt. 10R, New York, NY 10021 (US).

(74) **MADSEN, Matthew, L.**; Howrey Simon Arnold & White, LLP, 750 Bering Drive, Houston, TX 77057-2198 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q

(11) WO 2004/044221 (13) A2

(21) PCT/US2003/035686

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,136 8 Nov/nov 2002 US
(08.11.2002)

(30) 60/425,139 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • HIGH THROUGHPUT AUTOMATIC
NUCLEIC ACID ISOLATION AND
QUANTITATION METHODS

• METHODES AUTOMATIQUES ET
PRODUCTIVES D'ISOLATION ET
DE QUANTIFICATION D'ACIDE NU-
CLEIQUE

(71) PHARMACIA CORPORTION [US/US];
Global Patent Department, 575 Maryville
Center Drive, Mail Zone:MC-5S, St. Louis,
MO 63141 (US).

(72) MCWILLIAMS, Diana, R.; 105 Ash-
ton Court, Bonne Terre, MO 63628 (US).
BECKER, Robert, G.; 2805 Westridge
Oaks Court, Wildwood, MI 63040 (US).
BOLTEN, Charles, W.; 444 North Van
Buren, Kirkwood, MO 63122 (US). DE
CIECHI, Pamela; 7612 Pierside Drive,
O'Fallon, mo 63366 (US). MILLER,
Shawn, D.; 299 Copper Mountain Drive,
Fenton, MI 63026 (US). PINZ, Andrew, T.;
707 Oak Trail Lane, O'Fallon, MO 63366
(US). SURRY, Jeffrey, V.; 2106 Hungerford
Drive, Florissant, MO 63031 (US).

(74) NIELSEN, Carol, M.; Gardere Wynne
Sewell LLP, 1000 Louisiana, Suite 3400,
Houston, TX 77002-5007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BW BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP 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)
(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 NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW
GH GM KE LS MW MZ SD SL SZ TZ UG ZM
ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP
(AT BE BG CH CY CZ DE DK EE ES FI FR GB
GR HU IE IT LU MC NL PT 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 2004/044222 (13) A2

(21) PCT/US2003/035740

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 60/425,892 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • POLYMERIC PRODRUGS OF VAN-
COMYCIN

• PROMEDICAMENTS POLYMERES DE
LA VANCOMYCINE

(71) ENZON PHARMACEUTICALS, INC.
[US/US]; 685 Route 202/206, Bridgewater,
NJ 08807 (US).

(72) ZHAO, Hong; 34 Bella Vista Court, Edison,
NJ 08820 (US). GREENWALD, Richard,
B.; 113 Hickory Road, Somerset, NJ 08873
(US).

(74) MUSERLIAN, Charles et al. / etc.; Muser-
lian, Lucas & Mercanti, LLP, 475 Park Av-
enue South, New York, NY 10016 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 C12Q

(11) WO 2004/044223 (13) A2

(21) PCT/US2003/035741

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 60/425,890 12 Nov/nov 2002 US
(12.11.2002)

(30) 60/425,892 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PRODRUGS OF VANCOMYCIN WITH
HYDROLYSIS RESISTANT POLYMER
LINKERS

• PROMEDICAMENTS DE VANCOMY-
CINE COMPORTANT DES LIANTS
POLYMERES RESISTANT A L'HY-
DROLYSE

(71) ENZON PHARMACEUTICALS, INC.
[US/US]; 685 Route 202/206, Bridgewater,
NJ 08807 (US).

(72) GREENWALD, Richard, B.; 113 Hickory
Road, Somerset, NJ 08873 (US). ZHAO,
Hong; 34 Bella Vista Court, Edison, NJ
08820 (US).

(74) MUSERLIAN, Charles et al. / etc.; Muser-
lian, Lucas & Mercanti, LLP, 475 Park Av-
enue South, New York, NY 10016 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/044224 (13) A2

(21) PCT/US2003/035743

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 60/425,890 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • BRANCHED POLYMERIC PRODRUGS
OF VANCOMYCIN

• PROMEDICAMENTS POLYMERES
RAMIFIES DE VANCOMYCINE

(71) ENZON PHARMACEUTICALS, INC.
[US/US]; 685 Route 202/206, Bridgewater,
NJ 08807 (US).

(72) ZHAO, Hong; 34 Bella Vista Court, Edison,
NJ 08820 (US). GREENWALD, Richard,
B.; 113 Hickory Road, Somerset, NJ 08873
(US).

(74) MUSERLIAN, Charles et al. / etc.; Muser-
lian, Lucas & Mercanti, LLP, 475 Park Av-
enue South, New York, NY 10016 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 C12Q

(11) WO 2004/044225 (13) A2

(21) PCT/US2003/036018

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/319,685 11 Nov/nov 2002 US (11.11.2002)

(30) 60/319,750 3 Dec/déc 2002 US (03.12.2002)

(30) 60/467,105 30 Apr/avr 2003 US (30.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS FOR IDENTIFYING DNA COPY NUMBER CHANGES

• PROCÉDES POUR IDENTIFIER DES CHANGEMENTS DU NOMBRE DE COPIES ADN

(71) AFFYMETRIX, INC. [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US).

(72) HUANG, Jing; 3380 Central Expressway, Santa Clara, CA 95051 (US). SHAPERO, Michael, H.; 3380 Central Expressway, Santa Clara, CA 95051 (US). JONES, Keith; 3380 Central Expressway, Santa Clara, CA 95051 (US).

(74) TUSCAN, Michael, S. et al. / etc.; Morgan, Lewis & Bockius LLP, 1111 Pennsylvania Avenue, NW, Washington, DC 20004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 C12Q

(11) WO 2004/044226 (13) A2

(21) PCT/US2003/036037

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,372 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INDUCTION OF CELLULAR SENESCENCE BY CDK4 DISRUPTION FOR TUMOR SUPPRESSION AND REGRESSION

• INDUCTION DE SENESCENCE CELLULAIRE PAR RUPTURE DE LA CDK4

POUR LA SUPPRESSION ET LA REGRESSION TUMORALES

(63) US 60/425,372 (CON) 12 Nov/nov 2002 (12.11.2002)

(71) THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS [US/US]; 352 Henry Administration Building, 506 South Wright Street, Urbana, IL 61801 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIYOKAWA, Hiroaki [US/US]; 21 West Chestnut Street, Chicago, IL 60610 (US). ZOU, Xianghong [US/US]; 1438 West Lexington Street, Chicago, IL 60607 (US).

(74) DERRY, Jason, J.; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Suite 3200, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 C12Q

(11) WO 2004/044227 (13) A2

(21) PCT/US2003/036078

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,493 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ETHYLENEDICysteine (EC)-DRUG CONJUGATES, COMPOSITIONS AND METHODS FOR TISSUE SPECIFIC DISEASE IMAGING

• CONJUGUES ETHYLENE DICySTEINE (EC)-MÉDICAMENT, COMPOSITIONS ET PROCÉDES D'IMAGERIE DE MALADIES SPÉCIFIQUES DES TISSUS

(63) US 60/424,493 (CON) 7 Nov/nov 2002 (07.11.2002)

(71) BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM [US/US]; 201 West 7th St., Austin, TX 78701 (US). CELL>POINT, LLC [US/US]; 7120 East Orchard Road, Suite 350, Englewood, CO 80111 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, David, J. [US/US]; 1123 Spinnaker Way, Sugar Land, TX 77030 (US). YU, Dong-Fang [US/US]; 15002 Beechurst Drive, Houston, TX 77030 (US). OH, Chang-Sok [KR/US]; 3822 North Braeswood Blvd., Apt. No. 6, Houston, TX 77025 (US). BRYANT, Jerry, L., Jr. [US/US]; 6861 Staffordshire Boulevard, Houston, TX 77030 (US).

(74) DE LA PAZ, Monica, A.; Fulbright & Jaworski L.L.P., 600 Congress Avenue, Suite 2400, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q

(11) WO 2004/044228 (13) A2

(21) PCT/US2003/036465

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,981 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A CONTINUOUS-READ ASSAY FOR THE DETECTION OF *DE NOVO* HCV RNA POLYMERASE ACTIVITY

• DOSAGE A LECTURE EN CONTINU DESTINE A LA DETECTION D'UNE ACTIVITE *DE NOVO* D'ARN POLYMERASE DU VIRUS HC

(63) US 60/425,981 (CON) 13 Nov/nov 2002 (13.11.2002)

(71) PFIZER INC. [US/US]; 235 East 42nd Street, New York, NY 10017 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAGI, Yoshihiko [US/US]; 6112 Old Log Trail, Kalamazoo, MI 49009 (US). SHEETS, Michael, P. [US/US]; 2199 Vin-ing Drive, Apt. 1, Woodbury, MN 55125 (US). WELLS, Peter, A. [US/US]; 1064 Josiane Drive, Kalamazoo, MI 49009 (US). SHELLEY, John, A. [US/US]; 2535 South 28th Street, Kalamazoo, MI 49048 (US). POORMAN, Roger, A. [US/US]; 3320 Scots Pine Way, Apt. 4, Portage, MI 49024 (US). EPPS, Dennis, E. [US/US]; 5030 Coopers Landing Drive 2C, Kalamazoo, MI 49004 (US). MORGAN, Aric, G. [US/US]; 6555 Edgefield Street, Portage, MI 49024 (US).

(74) ZUHN, Donald, L.; McDonnell Boehnen Hulbert & Berghoff, Suite 3200, 300 South Wacker Drive, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 C12Q 1/00

(11) WO 2004/044229 (13) A2

(21) PCT/EP2003/012340

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 02025503.0 13 Nov/nov 2002 EP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HUMAN PHOSPHODIESTERASE 7A2 (PDE7a2)

• PROCEDES DE DIAGNOSTIC DE MALADIES ASSOCIEES A LA PHOSPHODIESTERASE 7A2 (PDE7A2) HUMAINE ET MOYENS THERAPEUTIQUES CORRESPONDANTS

(71) BAYER HEALTHCARE AG [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) GOLZ, Stefan [DE/DE]; Bückmannsmühle 46, 45326 Essen (DE). BRÜGGE-MEIER, Ulf [DE/DE]; Leysiefen 20, 42799 Leichlingen (DE). SUMMER, Holger [DE/DE]; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044230 (13) A1

(21) PCT/GB2003/004740

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 0226441.4 12 Nov/nov 2002 GB (12.11.2002)

(30) PCT/GB02/005112 12 Nov/nov 2002 GB (12.11.2002)

(30) 0308242.7 10 Apr/avr 2003 GB (10.04.2003)

(30) 0308238.5 10 Apr/avr 2003 GB (10.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHODOLOGY OF ESTIMATING THE CONFORMATION OF A PROTEIN BY PROTEOLYSIS

• PROCEDE PERMETTANT D'ESTIMER LA CONFORMATION D'UNE PROTEINE PAR LA PROTEOLYSE

(71) UNIVERSITY OF WALES COLLEGE OF MEDICINE [GB/GB]; Heath Park, Cardiff CF4 4XN (GB).

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(72, 75) FRYKLUND, Linda [SE/SE]; Pharmacia AB, Lindhagensgatan 100, S-112 87 Stockholm (SE). LEWIS, Mark [GB/GB]; University of Wales College of Medicine, Institute of Medical Genetics, Heath Park, Cardiff CF4 4XN (GB). COOPER, David [GB/GB]; University of Wales College of Medicine, Institute of Medical Genetics, Heath Park, Cardiff CF14 4XN (GB).

(74) FYLES, Julie, Marie et al. / etc.; Wynne-Jones Laine & James, Morgan Arcade Chambers, 33 St Mary Street, Cardiff CF10 1AF (GB).

(81) AE AG 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.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/00, 1/60

(11) WO 2004/044231 (13) A2

(21) PCT/US2003/034771

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/293,788 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR DETECTING INTRACELLULAR CHOLESTEROL

• TECHNIQUE DE DETECTION DE CHOLESTEROL INTRACELLULAIRE

(71) TRUSTEES OF DARTMOUTH COLLEGE [US/US]; Technology Transfer Office, 11 Rope Ferry Road, Hanover, NH 03755-1404 (US).

(72) CHANG, Ta-Yuan; 10 Dunster Drive, Hanover, NH 03755 (US). SUGII, Shigeki; 102 Sachem Village, West Lebanon, NH 03784 (US).

(74) LICATA, Jane, Massey et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (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 C12Q 1/00, G01N 33/53, 33/543, 33/553, 33/536, 33/533

(11) WO 2004/044232 (13) A1

(21) PCT/US2003/036092

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,168 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MICROPARTICLE-BASED METHODS AND SYSTEMS AND APPLICATIONS THEREOF

• PROCEDES ET SYSTEMES FONDES SUR DES MICROPARTICULES ET APPLICATIONS ASSOCIEES

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) PROBER, James, M.; 118 Haywood Road, Wilmington, DE 19807 (US). DAM, Rudy, J.; 24541 South East 275th Street, Maple Valley, WA 98038 (US). HENDRICKSON, Edwin, R.; 49 Kings Grant Road, Hockessin, DE 19077 (US). PERRY, Michael, P.; 152 Stonegate Drive, Landenberg, PA 19350 (US). JIANG, Xueping; 35 Rockford Road, Wilmington, DE 19806 (US). CUI, Xiumin; 117 South Chester Road, Apartment 510, Swarthmore, PA 19081 (US). STEENHOEK, Larry, Eugene; 233 Charleston Drive, Wilmington, DE 19808 (US).

(74) FELTHAM, S., Neil et al. / etc.; E.I. DUPONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 1/44

(11) WO 2004/044233 (13) A1

(21) PCT/EP2003/011253

(22) 10 Oct/oct 2003 (10.10.2003)

(25) en (26) en

(30) 02025128.6 9 Nov/nov 2002 EP (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHOSPHOAMIDASE ASSAY

• DOSAGE DE PHOSPHOAMIDASES

(71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(72, 75) KELLNER, Roland [DE/DE]; Am Katzenpfad 10, 64646 Heppenheim (DE). WEGENER, Ansgar [DE/DE]; Kolpingstrasse 14, 63150 Heusenstamm (DE).

(74) **MERCK PATENT GMBH**; Frankfurter Strasse 250, 64293 Darmstadt (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 1/44, C12N 9/16

(11) **WO 2004/044234** (13) A1

(21) PCT/EP2003/012124

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 02025505.5 **13 Nov/nov 2002 EP (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HUMAN PHOSPHODIESTERASE 2A (PDE2A)**

• **OUTILS DE DIAGNOSTICS ET THERAPEUTIQUE POUR MALADIES ASSOCIEES A LA PHOSPHODIESTERASE 2A HUMAINE (PDE2A)**

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q 1/44, A61K 31/00, 38/00, 39/00

(11) **WO 2004/044235** (13) A1

(21) PCT/EP2003/012341

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 02025504.8 **13 Nov/nov 2002 EP (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **DIAGNOSTICS AND THERAPEUTICS FOR DISEASES ASSOCIATED WITH HUMAN PHOSPHODIESTERASE 7A1 (PDE7a1)**

• **PROCEDES DE DIAGNOSTIC DE MALADIES ASSOCIEES A LA PHOSPHODIESTERASE 7A1 (PDE7A1) HUMAINE ET MOYENS THERAPEUTIQUES CORRESPONDANTS**

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68, G06F 19/00, 159/00

(11) **WO 2004/044236** (13) A1

(21) PCT/AU2003/001517

(22) **14 Nov/nov 2003 (14.11.2003)**

(25) en (26) en

(30) 2002952696 **14 Nov/nov 2002 AU (14.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **STATUS DETERMINATION**

• **EVALUATION D'ETAT**

(71) **GENOMICS RESEARCH PARTNERS PTY LTD** [AU/AU]; ABN: 45 095 551 698,

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(72, 75) **BRANDON, Richard, Bruce** [AU/AU]; 4 Tarbett Street, Kenmore, Queensland 4069 (AU). **THOMAS, Mervyn, Rees** [AU/AU]; 6 Geewan Place, Chapel Hill, Queensland 4169 (AU).

(74) **COWLE, Anthony, John et al. / etc.;** Davies Collision Cave, Level 10, 10 Barrack Street, Sydney NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q 1/68

(11) **WO 2004/044237** (13) A1

(21) PCT/CA2003/001710

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 10/293,609 **13 Nov/nov 2002 US (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD OF IDENTIFYING AND ASSESSING DNA EUCHROMATIN FOR DETECTING DISEASE**

• **PROCEDE D'IDENTIFICATION ET D'EVALUATION DE L'EUCHROMATINE DE L'ADN EN VUE DE DETECTER UNE MALADIE**

(71) **G6 SCIENCE CORP.** [CA/CA]; 4806 Fernglen Drive, Burnaby, British Columbia V5G 3V7 (CA).

(72) **FERGUSON, Gary, W.;** 4806 Fernglen Drive, Burnaby, British Columbia V5G 3V7 (CA).

(74) **CLARK, Neil, S. et al. / etc.;** Fetherstonhaugh & Co., Box 11560, Vancouver Centre, 650 West Georgia Street, Suite 2200, Vancouver, British Columbia V6B 4N8 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68

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(22) 14 Nov/nov 2002 (14.11.2002)

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(43) 27 May/mai 2004 (27.05.2004)

- (54) • AGENTS AND METHODS FOR DETECTING HUMAN ADENOVIRUSES
- AGENT ET PROCEDE DE DETECTION D'ADENOVIRUS HUMAINS

(71) MEDIZINISCHE HOCHSCHULE HANNOVER [DE/DE]; Carl-Neuberg-Str. 1, 30623 Hannover (DE).
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(72, 75) HEIM, Albert, Roland [DE/DE]; Rotekreuzstr. 9, 30627 Hannover (DE).
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(74) STILKENBÖHMER, Uwe; 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 NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 2004/044239 (13) A1

(21) PCT/EP2003/012058

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

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(30) 60/440,688 17 Jan/jan 2003 US (17.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • IMPROVED METHODS FOR GENERATING MULTIPLE RNA COPIES
- PROCEDES AMELIORES PERMETTANT DE GENERER DE MULTIPLES COPIES D'ARN

(71) PAMGENE B.V. [NL/NL]; Burgemeester Loeffplein 70a, NL-5211 RX Den Bosch (NL).
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(72, 75) BOENDER, Piet [NL/NL]; Ubbergseweg 58, NL-6522 KJ Nijmegen (NL).

(74) DE CLERCQ, Ann et al. / etc.; De Clercq, Brants & Partners, E. Gevaertdreef 10a, B-9830 Sint-Martens-Latem (BE).

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MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68

(11) WO 2004/044240 (13) A2

(21) PCT/EP2003/012694

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 102 53 337.7 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR CONDUCTING THE PARALLEL IDENTIFICATION OF DIFFERENT NUCLEIC ACIDS
- PROCEDE D'IDENTIFICATION PARALLELE DE DIFFERENTS ACIDES NUCLEIQUES

(71) NOVEMBER AKTIENGESELLSCHAFT GESELLSCHAFT FÜR MOLEKULARE MEDIZIN [DE/DE]; Ulrich-Schalk-Strasse 3a, 91056 Erlangen (DE).
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(72, 75) BARTEN, Roland [DE/DE]; Fröbelstrasse 19, 91058 Erlangen (DE).
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WEILAND, Anja [DE/DE]; Sendelbacher Strasse 7, 91099 Poxdorf (DE).
KOSAK, Hans [DE/DE]; Von-Witzleben-Strasse 23, 53123 Bonn (DE).
HASSMANN, Jörg [DE/DE]; Hofmannstrasse 118a, 91052 Erlangen (DE).

(74) GASSNER, Wolfgang; Dr. Gassner & Partner, Nägelsbachstrasse 49 A, 91052 Erlangen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q 1/68, G01N 33/50

(11) WO 2004/044241 (13) A2

(21) PCT/EP2003/012706

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 102 52 806.3 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • USE OF FISH LARVAE AS A SCREENING MODEL
- UTILISATION DE LARVES DE POISSONS COMME MODELES DE BAYLAGE

(71) DEVELOGEN AKTIENGESELLSCHAFT FÜR ENTWICKLUNGS-BIOLOGISCHE FORSCHUNG [DE/DE]; Rudolf-Wissell-Str. 28, 37079 Göttingen (DE).
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(72, 75) AUSTEN, Matthias [DE/DE]; Wachholderweg 24, 37079 Göttingen (DE).

(74) WEICKMANN & WEICKMANN; Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q 1/68, B01J 19/00

(11) WO 2004/044242 (13) A1

(21) PCT/GB2003/004957

(22) 14 Nov/nov 2003 (14.11.2003)

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(30) 0306833.5 25 Mar/mar 2003 GB (25.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • POLYMORPHISM ASSAY
- PROCEDE DE DETECTION DE POLYMORPHISME

(71, 72) HOUSBY, John, Nicholas [GB/GB]; University of Warwick, Barclays Venture Centre, Sir William Lyons Road, Coventry, CV4 7EZ (GB).

(74) ELSY, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ C12Q 1/68, C12N 15/09, C12M 1/00

(11) WO 2004/044243 (13) A1

(21) PCT/JP2002/011815

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF AMPLIFYING NUCLEIC ACID AND APPARATUS THEREFOR
• PROCEDE D'AMPLIFICATION DE L'ACIDE NUCLEIQUE ET APPAREIL CORRESPONDANT

(71) HITACHI HIGH-TECHNOLOGIES CORPORATION [JP/JP]; 24-14, Nishishimbashi 1-chome, Minato-ku, Tokyo 105-8717 (JP).

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(72, 75) KANDA, Takayuki [JP/JP]; c/o Design & Manufacturing Group, Naka Division, Hitachi High-Technologies Corporation, 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP). FUKUZONO, Sinichi [JP/JP]; c/o Design & Manufacturing Group, Naka Division, Hitachi High-Technologies Corporation, 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (JP). TAKAHASHI, Satoshi [JP/JP]; c/o Design & Manufacturing Group, Naka Division, Hitachi High-Technologies Corporation, 882, Ichige, Hitachinaka-shi, Ibaraki 312-8504 (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 IE IT LU MC NL PT SE SK TR).

(51)⁷ C12Q 1/68, C12N 15/12

(11) WO 2004/044244 (13) A1

(21) PCT/JP2003/013402

(22) 21 Oct/oct 2003 (21.10.2003)

(25) ja (26) ja

(30) 2002-327197 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF DETECTING HUMAN SEROTONIN 5-HT₄ RECEPTOR GENE TYPE IN NUCLEIC ACID SAMPLE

• METHODE DE DETECTION DU TYPE D'UN GENE RECEPTEUR DE LA SEROTONINE HUMAINE 5-HT₄ DANS UN ECHANTILLON D'ACIDE NUCLEIQUE

(71) NAGOYA INDUSTRIAL SCIENCE RESEARCH INSTITUTE [JP/JP]; 10-19, Sakae 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

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(72, 75) OZAKI, Norio [JP/JP]; Pasutoraruhaime-takigawa502, 102, Takigawa-cho, Showa-ku, Nagoya-shi, Aichi 466-0826 (JP). IWATA, Nakao [JP/JP]; City-family-yagotoS706, 47-40, Takigawa-cho, Showa-ku, Nagoya-shi, Aichi 466-0826

(JP). SUZUKI, Tatsuyo [JP/JP]; 201, Aza Yotarou, Oaza Kaniesinden, Kanie-cho, Ama-gun, Aichi 497-0044 (JP).

(74) KONISHI, Tomimasa et al. / etc.; 7F, Marunouchi Estate Bldg., 17-12, Marunouchi 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0002 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C12Q 1/68, C07H 21/00, 21/02, 21/04

(11) WO 2004/044245 (13) A1

(21) PCT/US2003/035072

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,760 5 Nov/nov 2002 US (05.11.2002)

(30) 10/635,380 6 Aug/août 2003 US (06.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OLIGOMERIC COMPOUNDS HAVING MODIFIED BASES FOR BINDING TO ADENINE AND GUANINE AND THEIR USE IN GENE MODULATION

• COMPOSES OLIGOMERQUES POSSEDANT DES BASES MODIFIEES POUR SE FIXER A L'ADENINE ET A LA GUANINE ET UTILISATION DE CES COMPOSES DANS LA MODULATION DE GENES

(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) BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). ELDRUP, Anne, B. [DK/US]; 1190 Encinitas Boulevard, #252, Encinitas, CA 92024 (US). MANOHARAN, Muthiah [US/US]; 25 Circle Drive, Weston, MA 02493 (US). BHAT, Balkrishen [IN/US]; 911 Rosemary Avenue, Carlsbad, CA 92009 (US). GRIFEY, Richard [US/US]; 360 Barsby Street, Vista, CA 92084 (US). SWAYZE, Eric, E. [US/US]; 7789 Palenque Street, Carlsbad, CA 92009 (US). CROOKE, Stanley, T. [US/US]; 3211 Piragua Street, Carlsbad, CA 92009 (US). PRAKASH, Thazha, P. [IN/US]; 6928 Pear Tree Drive, Carlsbad, CA 92009 (US). RAJEEV, Kallanthottathil, G. [IN/US]; 1510 South Melrose Drive, Apt. #198, Vista, CA 92083 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th floor, Philadelphia, PA 19103 (US).

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DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C12Q 1/68

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(21) PCT/US2003/035919

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,620 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND COMPOSITIONS FOR DETECTING TELOMERASE ACTIVITY

• PROCEDES ET COMPOSITIONS POUR DETECTER L'ACTIVITE DE LA TELOMERASE

(71) ALLIED BIOTECH, INC. [US/US]; 10075 Tyler Place, #19, Ijamsville, MD 21754 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Zhuangwu [CN/US]; 6054 Signal Flame Ct., Clarksville, MD 21029 (US). BAO, Jun [CN/US]; 16329 Sierra Ridge Way, Hacienda Heights, CA 91745 (US). MAO, Hua [CN/US]; 16329 Sierra Ridge Way, Hacienda Heights, CA 91745 (US). MA, Wenbin [CA/US]; 6502 Mallory Ct., Frederick, MD 21703 (US). LI, Lina [CN/US]; 20810 Amber Ridge Drive, Germantown, MD 20876 (US).

(74) YE, Michael et al. / etc.; Andrews Kurth LLP, 1701 Pennsylvania Avenue, N.W. Suite 300, Washington, D.C. 20006 (US).

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(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/70

(11) WO 2004/044247 (13) A2

(21) PCT/IB2003/005312

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

- (30) 60/425,327 **12 Nov/nov 2002** US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ONE STEP REAL-TIME RT PCR KITS FOR THE UNIVERSAL DETECTION OF ORGANISMS IN INDUSTRIAL PRODUCTS
- KITS DE RT-PCR EN UNE ETAPE EN TEMPS REEL POUR LA DETECTION UNIVERSELLE D'ORGANISMES DANS DES PRODUITS INDUSTRIELS
- (71) GENOLIFE [FR/FR]; Biopole Clermont Limagne, Saint Beuzire, F-63360 Gerzat (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHAUBRON, Franck [FR/FR]; 6, Allée de la Fontoune, F-63400 Chamalières (FR). MARTIN-MINVIELLE, Anne, Céline [FR/FR]; 61, rue des Gravouses, F-63400 Chamalières (FR). GROULON, Sophie [FR/FR]; 1, Impasse Edouard Branly, F-63800 Courmon D'Auvergne (FR).
- (74) MARTIN, Jean-Jacques et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C21D
- (11) WO 2004/044249 (13) A2
- (21) PCT/US2003/035575
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 60/425,964 **13 Nov/nov 2002** US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • INTERMETALLIC ARTICLES OF MANUFACTURE HAVING HIGH ROOM TEMPERATURE DUCTILITY
- ARTICLES INTERMETALLIQUES DE FABRICATION FAISANT PREUVE D'UNE APTITUDE AU PLIAGE ELEVEE A TEMPERATURE AMBIANTE
- (71) IOWA STATE UNIVERSITY RESEARCH FOUNDATION, INC. [US/US]; 310 Lab of Mechanics, Ames, IO 50011-2131 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) GSCHNEIDNER, Karl, A., Jr. [US/US]; 2215 Duff, Ames, IA 50010 (US). PECHARSKY, Alexandra, O. [US/US]; 2621 Green Hills Drive, Ames, IA 50014 (US). PECHARSKY, Vitalij, K. [US/US]; 2621 Green Hills Drive, Ames, IA 50014 (US). RUSSELL, Alan, M. [US/US]; 1713 Amherst Drive, Ames IA 50014 (US).
- (74) TIMMER, Edward, J.; P.O. Box 770, Richland, MI 49083 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) WO 2004/044248 (13) A1
- (21) PCT/US2003/036057
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,530 **12 Nov/nov 2002** US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEMS AND METHODS FOR CONTROLLING HEAT TREATING ATMOSPHERES AND PROCESSES BASED UPON MEASUREMENT OF AMMONIA CONCENTRATION
- SYSTEMES ET PROCEDES DESTINES A REGULER DES ATMOSPHERES DE TRAITEMENT THERMIQUE ET OPERATIONS BASEES SUR LA MESURE D'UNE CONCENTRATION EN AMMONIAC
- (71) AUTOMATION INTELLIGENCE, LLC [US/US]; P.O. Box 210066, Milwaukee, WI 53221 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) BRAZIUNAS, Vytas [US/US]; 2530 West Parnell Avenue, Milwaukee, WI 53221 (US).
- (74) RYAN, Daniel, D. et al. / etc.; Post Office Box 26618, Milwaukee, WI 53226 (US).
- (30) 10/294,304 **14 Nov/nov 2002** US
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MARTENSITIC ALLOY STEELS HAVING INTERMETALLIC COMPOUNDS AND PRECIPITATES AS A SUBSTITUTE FOR COBALT
- ACIERS ALLIES MARTENSITIQUES COMPRENANT DES COMPOSES INTERMETALLIQUES ET DES PRECIPITES EN TANT QUE SUBSTITUT POUR LE COBALT
- (71, 72) BAHMILLER, Arthur, J. [US/US]; 1036 Northford Court, Medina, OH 44256 (US).
- (74) HEINKE, Lowell, L.; Pearne & Gordon LLP, 1801 East 9th Street, Suite 1200, Cleveland, OH 44114-3108 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ C21D 8/12
- (11) WO 2004/044251 (13) A1
- (21) PCT/KR2003/002412
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) ko (26) en
- (30) 10-2002-0069646 **11 Nov/nov 2002** KR
(11.11.2002)
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(11.11.2002)
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(27.11.2002)
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(27.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • COATING COMPOSITION, AND METHOD FOR MANUFACTURING HIGH SILICON ELECTRICAL STEEL SHEET USING THEREOF
- COMPOSITION DE REVETEMENT ET PROCEDE DE FABRICATION DE TOLE MAGNETIQUE EN ACIER A HAUTE TENEUR EN SILICIUM UTILISANT CETTE COMPOSITION
- (71) POSCO [KR/KR]; 1 Koedong-dong, Nam-ku, 790-300 Pohang, Kyungsang-book-do (KR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) CHOI, Kyu-Seung [KR/KR]; c/o POSCO, 1 Koedong-dong, Nam-ku, 790-300

Pohang, Kyungsangbook-do (KR). **WOO, Jong-Soo** [KR/KR]; c/o POSCO, 1 Koe-dong-dong, Nam-ku, 790-300 Pohang, Kyungsangbook-do (KR).

(74) **C & S PATENT AND LAW OFFICE**; C-2306 Daelim Acrotel, 467-6 Dogok-dong, Kangnam-gu, Seoul 135-971 (KR).

(81) CN JP US.

(84) EP (DE FR GB IT).

(51)⁷ **C21D 8/12**

(11) **WO 2004/044252** (13) A1

(21) PCT/KR2003/002413

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) ko (26) en

(30) 10-2002-0069648 **11 Nov/nov 2002** KR
(11.11.2002)

(30) 10-2002-0074327 **27 Nov/nov 2002** KR
(27.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR MANUFACTURING HIGH SILICON GRAIN-ORIENTED ELECTRICAL STEEL SHEET WITH SUPERIOR CORE LOSS PROPERTY

• PROCEDE DE FABRICATION D'UNE TOLE MAGNETIQUE EN ACIER A GRAINS ORIENTES ET A HAUTE TENUEUR EN SILICIUM, DOTEES D'UNE PROPRIETE AMELIOREE DE PERTES DANS LE FER

(71) **POSCO** [KR/KR]; 1 Koedong-dong, Nam-ku, 790-300 Pohang, Kyungsangbook-do (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOI, Kyu-Seung** [KR/KR]; c/o POSCO, 1 Koedong-dong, Nam-ku, 790-300 Pohang, Kyungsangbook-do (KR). **WOO, Jong-Soo** [KR/KR]; c/o POSCO, 1 Koe-dong-dong, Nam-ku, 790-300 Pohang, Kyungsangbook-do (KR). **KIM, Jae-Kwan** [KR/KR]; c/o POSCO, 1 Koedong-dong, Nam-ku, 790-300 Pohang, Kyungsangbook-do (KR).

(74) **C & S PATENT AND LAW OFFICE**; C-2306 Daelim Acrotel, 467-6 Dogok-dong, Kangnam-gu, Seoul 135-971 (KR).

(81) CN JP US.

(84) EP (DE FR GB IT).

(51)⁷ **C22B**

(11) **WO 2004/044253** (13) A2

(21) PCT/IL2003/000952

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 152802 **12 Nov/nov 2002** IL
(12.11.2002)

(30) 157763 **4 Sep/sep 2003** IL
(04.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF LEACHING BERYLLIUM FROM BERYLLIUM-CONTAINING ORES USING FLUOSILICIC ACID

• PROCEDE DE LIXIVATION DE BERYLLIUM A PARTIR DE MINERAIS CONTENANT DU BERYLLIUM AU

MOYEN D'UN ACIDE FLUOROSILICIQUE

(71) **MTI - METAL TECHNOLOGIES ISRAEL LTD.** [IL/IL]; c/o Adv. Shmuel Feingold, 13 Alfasi Street, 92302 Jerusalem (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAREL, Simcha** [IL/IL]; 59 Uziel St., 96470 Jerusalem (IL). **SHAPIRA, Lev** [IL/IL]; 8 Sokolov St., 84288 Beer Sheva (IL). **BARNEA, Eli** [IL/IL]; 14 Svedia St., 34980 Haifa (IL). **ZISNER, Tuvia** [IL/IL]; Herzl 41, 43000 Raanana (IL).

(74) **FRIEDMAN, Mark, M.**; DR. MARK FRIEDMAN LTD., 7 Haomanim Street, 67897 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **C22C 13/02, C10L 1/12, F02M 25/00**

(11) **WO 2004/044254** (13) A1

(21) PCT/GB2003/004669

(22) **30 Oct/oct 2003 (30.10.2003)**

(25) en (26) en

(30) 0226588.2 **14 Nov/nov 2002** GB
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FUEL ADDITIVE COMPRISING TIN AND ANTIMONY HAVING AN OPEN AERATED TEXTURE

• ADDITIF POUR COMBUSTIBLE COMPRENANT DE L'ETAIN ET DE L'ANTIMOINE ET POSSEDANT UNE TEXTURE AEREE OUVERTE

(71) **POWERPLUS INTERNATIONAL CORPORATION LIMITED** [GB/GB]; 42 St. Leonards Road, Eastbourne, East Sussex BN21 3UU (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THOMAS, Peter** [GB/GB]; 77 Taplings Road, Winchester, Hampshire SO22 6HG (GB). **BIRD, Frederick, Howard** [GB/GB]; 30 Saffrons Park, Eastbourne, East Sussex BN20 7UX (GB).

(74) **HARLAND, Linda, Jane**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 32/00, 27/04, 1/04, 1/05, B22F 1/00, B23H 1/06**

(11) **WO 2004/044255** (13) A1

(21) PCT/JP2003/014281

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) ja (26) ja

(30) 2002-326244 **11 Nov/nov 2002** JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRODE MATERIAL FOR ELECTRIC DISCHARGE MACHINING AND METHOD FOR PRODUCTION THEREOF

• ELECTRODE POUR MACHINE D'USINAGE PAR ETINCELAGE ET SON PROCEDE DE FABRICATION

(71) **SUMITOMO ELECTRIC INDUSTRIES, LTD.** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UENISHI, Noboru** [JP/JP]; c/o Itami Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-8611 (JP). **GOMA, Norihito** [JP/JP]; c/o Itami Works of SUMITOMO ELECTRIC INDUSTRIES, LTD., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-8611 (JP). **KATOUGI, Hidetaka** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **KAMIYA, Kiyohito** [JP/JP]; c/o MITSUBISHI DENKI KABUSHIKI KAISHA, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **FUKAMI, Hisao et al.** / etc.; Fukami Patent Office, Mitsui Sumitomo Bank Minamimorimachi Bldg., 1-29, Minamimorimachi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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)

(51)⁷ **C22F 1/053, 1/04**

(11) **WO 2004/044256** (13) A1

(21) PCT/FR2003/003312

(22) **6 Nov/nov 2003 (06.11.2003)**

- (25) fr (26) fr
- (30) 02/13859 **6 Nov/nov 2002** FR
(06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SIMPLIFIED METHOD FOR MAKING ROLLED AL-ZN-MG ALLOY PRODUCTS, AND RESULTING PRODUCTS
- PROCEDE DE FABRICATION SIMPLIFIE DE PRODUITS LAMINES EN ALLIAGES AL-Zn-Mg, ET PRODUITS OBTEenus PAR CE PROCEDE
- (71) PECHINEY RHENALU [FR/FR]; 7, place du Chancelier Adenauer, F-75116 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) DIF, Ronan [FR/US]; 506 Fitzhugh Street, Ravenswood, WV 26164 (US). EHRSTROM, Jean-Christophe [FR/FR]; 5, place des Jacobins, F-38130 Echirolles (FR). GRANGE, Bernard [FR/FR]; 886, chemin de Pardines, F-63500 Issoire (FR). HOCHENEDEL, Vincent [FR/FR]; 17, domaine du Clos, Route de Solignat, F-63500 Issoire (FR). RIBES, Hervé [FR/FR]; Les Pradets, 20, rue de la Liberté, F-63500 Issoire (FR).
- (74) SCHMIDT, Martin, Peter; Pechiney, 217, cours Lafayette, F-69451 Lyon cedex 06 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declarations / Déclarations :
(t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement
- (51)⁷ C23C 2/02, 2/40, B21B 45/06, B08B 7/00
- (11) WO 2004/044257 (13) A1
- (21) PCT/EP2003/010852
- (22) 30 Sep/sep 2003 (30.09.2003)
- (25) de (26) de
- (30) 102 52 178.6 **9 Nov/nov 2002** DE
(09.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND DEVICE FOR DESCALING AND/OR CLEANING A METAL CASTING
- PROCEDE ET DISPOSITIF DE DESCALAMINAGE ET/OU DE LAVAGE D'UNE BARRE METALLIQUE
- (71) SMS DEMAG AKTIENGESELLSCHAFT [DE/DE]; Eduard Schloemann-Str. 4, 40237 Düsseldorf (DE). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) FROMMANN, Klaus [DE/DE]; Scheibenstrasse 41, 40479 Düsseldorf (DE). BLOCK, Bodo [DE/DE]; Beienburger Strasse 38a, 51503 Rösrath (DE). BRISBERGER, Rolf [DE/DE]; Am Tapp 17, 47661 Issum (DE). HARTUNG, Hans, Georg [DE/DE]; Schlehenweg 12, 50259 Pulheim (DE).
- (74) VALENTIN, Ekkehard; Valentin, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

- (51)⁷ C23C 10/28, F28F 21/08
- (11) WO 2004/044258 (13) A1
- (21) PCT/JP2003/014347
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 2002-328800 **12 Nov/nov 2002** JP
(12.11.2002)
- (30) 60/429,541 **29 Nov/nov 2002** US
(29.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ALUMINUM PIPE AND PROCESS FOR PRODUCING SAME
- TUYAU EN ALUMINIUM ET SON PROCEDE DE FABRICATION
- (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) MORITA, Teruki [JP/JP]; c/o SHOWA DENKO K.K., OYAMA REGIONAL OFFICE, 480, Inuzuka 1-chome, Oyama-shi, Tochigi 323-8678 (JP).
- (74) HIBI, Norihiko et al. / etc.; c/o KISHIMOTO & CO., 3rd Floor, Inaba Building, 13-18, Nishishinsuibashi 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ C23C 14/34, C22F 1/18, B21J 1/02, 5/00
- (11) WO 2004/044259 (13) A1
- (21) PCT/JP2003/009574
- (22) 29 Jul/juillet 2003 (29.07.2003)
- (25) ja (26) ja
- (30) 2002-329186 **13 Nov/nov 2002** JP
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • Ta SPUTTERING TARGET AND METHOD FOR PREPARATION THEREOF
- CIBLE DE PULVERISATION A BASE DE TA ET PROCEDE DE PREPARATION DE CELLE-CI
- (71) NIKKO MATERIALS CO., LTD. [JP/JP]; 10-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8407 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) ODA, Kunihiro [JP/JP]; c/o Isohara Factory of Nikko, Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).
- (74) OGOSHI, Isamu; Ogoshi International Patent Office, Toranomon 9 Mori Bldg. 3F, 2-2, Atago 1-chome, Minato-ku, Tokyo 105-0002 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (b)
- (51)⁷ C23C 14/34, B22F 1/00
- (11) WO 2004/044260 (13) A1
- (21) PCT/JP2003/009857
- (22) 4 Aug/août 2003 (04.08.2003)
- (25) ja (26) ja
- (30) 2002-328368 **12 Nov/nov 2002** JP
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SPUTTERING TARGET AND POWDER FOR PRODUCTION THEREOF
- CIBLE DE PULVERISATION ET PUISSANCE DESTINEE A LA PRODUCTION DE CELLE-CI
- (71) NIKKO MATERIALS CO., LTD. [JP/JP]; 10-1, Toranomon 2-chome, Minato-ku, Tokyo 105-8407 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) TAKAHASHI, Hideyuki [JP/JP]; c/o Isohara Factory of Nikko, Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP). YAHAGI, Masataka [JP/JP]; c/o Isohara Factory of Nikko, Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP). NAKAMURA, Atsushi [JP/JP]; c/o Isohara Factory of Nikko, Materials Co., Ltd., 187-4, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).
- (74) OGOSHI, Isamu; Ogoshi International Patent Office, Toranomon 9 Mori Bldg.

3F, 2-2, Atago 1-chome, Minato-ku, Tokyo 105-0002 (JP).

(81) CN KR 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 C23C 14/35

(11) WO 2004/044261 (13) A2

(21) PCT/US2003/034226

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/065,739 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGH DEPOSITION RATE SPUTTERING

• PULVERISATION A VITESSE DE DEPOT ELEVE

(71) ZOND, INC [US/US]; 137A High Street, Mansfield, MA 02048 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHISTYAKOV, Roman [US/US]; 137A High Street, Mansfield, MA 02048 (US).

(74) RAUSCHENBACH, Kurt; P.O. Box 387, Bedford, MA 01730 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C23C 14/48, 14/06, H01L 39/24, 39/14

(11) WO 2004/044262 (13) A1

(21) PCT/GB2003/004948

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226575.9 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FABRICATION OF MAGNESIUM DIBORIDE SUPERCONDUCTOR THIN FILMS AND ELECTRONIC DEVICES BY ION IMPLANTATION

• FABRICATION PAR IMPLANTATION IONIQUE DE FILMS MINCES ET DE DISPOSITIFS ELECTRONIQUES EN DIBORURE DE MAGNESIUM SUPRACONDUCTEUR

(71) UNIVERSITY OF SURREY [GB/GB]; Guildford, Surrey GU2 7XH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PENG, Nianhua [GB/GB]; 38 Queens Eleanor Road, Onslow Village, Guildford, Surrey GU2 7SN (GB). JEYNES, Christopher [GB/GB]; 10 Mountside, Guildford, Surrey GU2 4JE (GB). WEBB, Roger [GB/GB]; 27 Station Road East, Ash, Surrey GU12 5LY (GB). SHAO, Guosheng [CN/GB]; 39 South Way, Guildford, Surrey GU2 8DA (GB).

(74) MATHISEN, MACARA & CO.; The Coach House, 6-8 Swakeleys Road, Ickenham, Uxbridge UB10 8BZ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 14/56, 16/54

(11) WO 2004/044263 (13) A1

(21) PCT/SE2003/001741

(22) 11 Nov/nov 2003 (11.11.2003)

(25) sv (26) en

(30) 0203332-2 13 Nov/nov 2002 SE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR CARRYING OUT A SURFACE TREATMENT OF SUBSTRATES UNDER VACUUM

• DISPOSITIF DESTINE AU TRAITEMENT DE LA SURFACE D'UN SUBSTRAT PLACE SOUS VIDE

(71) IMPACT COATINGS AB [SE/SE]; Westmansgatan 29, S-582 16 Linköping (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LJUNGCRAANTZ, Henrik [SE/SE]; Kobergsgränd 4, S-587 21 Linköping (SE). ROSELL, Torsten [SE/SE]; Näckgränd 4, S-582 43 Linköping (SE).

(74) AWAPATENT ILINKÖPING AB; Platensgatan 9C, S-582 20 Linköping (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 C23C 22/73, C23F 3/00, B24B 31/06, F42B 7/04

(11) WO 2004/044264 (13) A1

(21) PCT/FR2003/003179

(22) 27 Oct/oct 2003 (27.10.2003)

(25) fr (26) fr

(30) 02/14101 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR FINISHING SHOT
• PROCÉDÉ DE TRAITEMENT DE FINITION DE GRENAILLE D'ACIER

(71) WHEELABRATOR - ALLEVARD [FR/FR]; F-38570 Le Cheylas (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MINIER, Aline [FR/FR]; 17, rue du 11 Novembre, F-38640 Claix (FR).

(74) HECKE, Gérard et al. / etc.; Cabinet Hecke, WTC Europole, 5, place Robert Schuman, B.P. 1537, F-38025 Grenoble Cédex 1 (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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ C23F

(11) WO 2004/044265 (13) A2

(21) PCT/US2003/036290

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,031 13 Nov/nov 2002 US (13.11.2002)

(30) 10/712,704 13 Nov/nov 2003 US (13.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROTECTIVE COATINGS AND METHODS OF APPLYING AND USING THE SAME

• REVETEMENTS DE PROTECTION ET LEURS PROCÉDES D'APPLICATION ET D'UTILISATION

(71) TECHNOLOGY RESOURCE INTERNATIONAL CORPORATION [US/US]; 1525 Bluegrass Lakes Parkway, Alpharetta, GA 30004 (US).

(72) SU, Kai; 13090 Hopewell Road, Alpharetta, GA 30201 (US). MAKITA, Debbie; 2872 Manor Glen Lane, Suwanee, GA 30024 (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 NO NZ OM PG PH
PL PT 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 C23F 11/00

(11) WO 2004/044266 (13) A1

(21) PCT/JP2003/014392

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 2002-328857 12 Nov/nov 2002 JP
(12.11.2002)

(30) 2003-018630 28 Jan/jan 2003 JP
(28.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METAL CORROSION INHIBITOR AND
HYDROGEN CHLORIDE FORMATION
INHIBITOR IN A CRUDE OIL ATMO-
SPHERIC DISTILLATION UNIT

• INHIBITEUR DE CORROSION ME-
TALLIQUE ET INHIBITEUR DE FOR-
MATION DE CHLORURE D'HYDRO-
GENE DANS UNE UNITE DE DIS-
TILLATION ATMOSPHERIQUE DE
PETROLE BRUT

(71) KURITA WATER INDUSTRIES LTD.
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juku-ku, Tokyo 160-8383 (JP).

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107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU 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 UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 13/00, C04B 20/10, 41/45, 41/50

(11) WO 2004/044267 (13) A2

(21) PCT/US2003/035475

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,516 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CORROSION PROTECTION FOR MET-
ALS IN CEMENTITIOUS MATERIAL
AND METHOD OF APPLYING AND
MAKING THE SAME

• PROTECTION CONTRE LA CORRO-
SION POUR DES METAUX PRESENTS
DANS UN MATERIAU CIMENTAIRE
ET PROCEDE POUR REALISER ET
METTRE EN OEUVRE LADITE PRO-
TECTION

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(72, 75) LANE, D., Stephen [US/US]; 4051
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mond, VA 23233 (US). TAYLOR, S., Ray
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lottesville, VA 22901 (US).

(74) DECKER, Robert, J.; University of Vir-
ginia Patent Foundation, 1224 West Main
Street, Suite 1-110, Charlottesville, VA
22903 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 C25C

(11) WO 2004/044268 (13) A2

(21) PCT/IB2003/005292

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) PCT/IB2002/04760 14 Nov/nov 2002 IB
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THE PRODUCTION OF HEMATITE-
CONTAINING MATERIAL

• PRODUCTION DE MATERIAU
CONTENANT DE L'HEMATITE

(71) MOLTECH INVENT S.A. [LU/LU]; 6,
rue Adolphe Fischer, 1520 LUXEMBOURG
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(72, 75) APOURCHAUX, Eric [FR/CH]; Rue
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NGUYEN, Thinh, T. [CH/CH]; Rte du
Grand-Lancy 165b, CH-1213 ONEX (CH).
DE NORA, Vittorio [IT/BS]; Sandrigham
House, none NASSAU (BS).

(74) CRONIN, Brian; MOLTECH S.A., Quai du
Mont-Blanc 21, CH-1201 Geneva (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 NI NO NZ OM PG
PH PL PT 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C25D 3/00

(11) WO 2004/044269 (13) A2

(21) PCT/US2003/025791

(22) 15 Aug/août 2003 (15.08.2003)

(25) en (26) en

(30) 10/288,113 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BRIGHTENER ADDITIVE AND BATH
FOR ALKALINE CYANIDE-FREE
ZINC ELECTROPLATING

• AGENT ECLAIRCISSANT ET BAIN
GALVANOPLASTIQUE DE ZINC,
SANS CYANURE ALCALIN

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TION [US/US]; 3097 Interstate Parkway,
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(74) HUDAK, Daniel, J. et al. / etc.; Hudak,
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(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MN MW
MX MZ NO NZ OM PH PL PT RO RU SC
SD SE SG SK SL TJ TM TN TR TT TZ UA
UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ C25D 7/06, 17/12, 17/10

(11) WO 2004/044270 (13) A1

(21) PCT/EP2003/012587

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) MI2002A002382 11 Nov/nov 2002 IT
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANODE FOR ELECTROMETALLUR-
GICAL APPLICATIONS• ANODE POUR DES APPLICATIONS
ELECTROMETALLURGIQUES(71) DE NORA ELETTRONDI S.P.A. [IT/IT];
Via Dei Canzi, 1, I-20134 Milano (IT).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FABIAN, Peter [DE/DE]; Am Sport-
platz 2, 63571 Gelnhausen (DE).(74) RETSTÖTTER, KINZEBACH & PART-
NER (Gbr); Sternwartstrasse 4, 81679
München (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU 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).

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(51)⁷ C25D 13/12, 13/22, B62D 29/00

(11) WO 2004/044271 (13) A1

(21) PCT/EP2002/012665

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR PROTECTING A VEHI-
CLE BODY FROM CORROSION AND
ELEMENT THEREFOR• PROCEDE DE PROTECTION ANTI-
CORROSION D'UNE CARROSSERIE
AUTOMOBILE ET COMPOSANT DES-
TINE A CET EFFET(71, 72) LIST, Reinhard [AT/AT]; Schubert-
strasse 26, A-8010 Graz (AT).(74) HEINZE, Ekkehard et al. / etc.; Meissner,
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München (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NLPT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ C25D 21/12, G01N 27/26

(11) WO 2004/044272 (13) A1

(21) PCT/US2003/030838

(22) 30 Sep/sep 2003 (30.09.2003)

(25) en (26) en

(30) 10/288,989 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEASUREMENT OF THE CONCEN-
TRATION OF A REDUCING AGENT IN
AN ELECTROLESS PLATING BATH• MESURE DE LA CONCENTRATION
D'UN AGENT REDUCTEUR DANS
UNE SOLUTION DE DEPOT AUTOCA-
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NJ 07072 (US). PERPICH, Michael, James
[US/US]; 70 Anderson Street, Hackensack,
NJ 07601 (US).(74) TENCH, Morgan, D.; 1180 Corte Riviera,
Camarillo, CA 93010 (US).

(81) CN IL IN JP KR RU SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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(51)⁷ C25F 3/30, 7/00, H01L 21/321, 21/768

(11) WO 2004/044273 (13) A1

(21) PCT/GB2003/004809

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,694 12 Nov/nov 2002 US
(12.11.2002)(30) 10/391,924 18 Mar/mar 2003 US
(18.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTROPOLISHING SYSTEM AND
PROCESS• SYSTEME ET PROCEDE D'ELECTRO-
GRAVURE(71) NUTOOL, INC [US/US]; 1655 McCandless
Drive, Milpitas, CA 95035 (US).(for all designated States except / pour tous
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(US).(74) BROWNE, Robin, Forsythe; Urquhart-
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Way, Leeds LS2 8PA (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PLPT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ C30B 7/00, 29/14, 29/62, A61L 27/00

(11) WO 2004/044274 (13) A1

(21) PCT/GB2003/004924

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226469.5 13 Nov/nov 2002 GB
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A SYNTHETIC BONE MATERIAL

• MATERIAU OSSEUX SYNTHETIQUE

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BONFIELD, William [GB/GB]; c/o Depart-
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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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 C30B 15/00

(11) WO 2004/044275 (13) A2

(21) PCT/US2003/035798

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,547 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR REMOVING METALLIC IMPURITIES FROM SILICON CARBIDE COATED COMPONENTS OF A SILICON SINGLE CRYSTAL PULLING APPARATUS

• PROCEDE D'ELIMINATION D'IMPURETES METALLIQUES DE COMPOSES RECOUVERTS DE CARBURE DE SILICIUM D'UN APPAREIL D'EXTRACTION DE MONOCRISTAL DE SILICIUM

(71) MEMC ELECTRONIC MATERIALS, INC. [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SREEDHARAMURTHY, Hariprasad [IN/US]; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). BANAN, Mohsen [IR/US]; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). HOLDER, John, D. [US/US]; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(74) RITCHEY, Steven, M. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(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 C30B 15/14, 15/00

(11) WO 2004/044276 (13) A1

(21) PCT/US2003/036046

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,556 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A CRYSTAL PULLER AND METHOD FOR GROWING A MONOCRYSTALLINE INGOT

• FOUR A TIRAGE DE CRISTAUX ET PROCEDE DE FORMATION DE LINGOT MONOCRISTALLIN

(71) MEMC ELECTRONIC MATERIALS, INC. [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(72) KULKARNI, Milind; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(74) MUNSELL, Michael, G. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ C30B 15/30, 15/00, 29/06

(11) WO 2004/044277 (13) A1

(21) PCT/US2003/034883

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 60/425,546 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR PREPARING SINGLE CRYSTAL SILICON USING CRUCIBLE ROTATION TO CONTROL TEMPERATURE GRADIENT

• PROCEDE DE PREPARATION DE SILICIUM MONOCRISTALLIN AU MOYEN DE LA ROTATION D'UN CREUSET POUR REGULER LE GRADIENT DE TEMPERATURE

(71) MEMC ELECTRONIC MATERIALS, INC. [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(72) LU, Zheng; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). KIMBEL, Steven, L.; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). TAO, Ying; c/o MEMC Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(74) ALLEN, Derick, E. et al. / etc.; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ C30B 29/06, 15/00

(11) WO 2004/044278 (13) A1

(21) PCT/JP2003/014509

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ja (26) ja

(30) 2002-331288 14 Nov/nov 2002 JP (14.11.2002)

(30) 2003-46411 24 Feb/fév 2003 JP (24.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SILICON WAFER, ITS MANUFACTURING METHOD, AND ITS MANUFACTURING APPARATUS

• PLAQUETTE DE SILICIUM, PROCEDE ET DISPOSITIF DESTINES A LA FABRICATION DE CETTE PLAQUETTE DE SILICIUM

(71) KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA [JP/JP]; 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).

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(72, 75) YOKOYAMA, Takashi [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). YOSHIHARA, Koji [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). SAISHOJI, Toshiaki [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI

KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). NAKAMURA, Kozo [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP). SUEWAKA, Ryota [JP/JP]; c/o KOMATSU DENSHI KINZOKU KABUSHIKI KAISHA, 25-1, Shinomiya 3-chome, Hiratsuka-shi, Kanagawa 254-0014 (JP).

(74) KIMURA, Takahisa et al. / etc.; 6F, Sendai Building, 8-11, Minato 1-chome, Chuo-ku, Tokyo 104-0043 (JP).

(81) CN DE US.

(51)⁷ D01D

(11) WO 2004/044279 (13) A2

(21) PCT/EP2003/012848

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226574.2 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR FORMING MATERIALS

• APPAREIL ET PROCEDE DE FORMATION DE MATERIAUX

(71) SPINOX LIMITED [GB/GB]; Units 14-15, Galaxy House, New Greenham Park, Newbury, Berks RG19 6HW (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KNIGHT, David, Philip [GB/GB]; 107 Teg Down Meads, Winchester, Hampshire SO22 5NG (GB). VOLLRATH, Friedrich, Wilhelm, Ludwig, Paul [DE/GB]; Upper Woods Farm, Islip Road, Beckley, Oxford, Oxfordshire OX3 9TF (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TT TR TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D01D

(11) WO 2004/044280 (13) A2

(21) PCT/EP2003/013031

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226576.7 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR FORMING MATERIALS

• APPAREIL ET PROCÉDE POUR LA FORMATION DE MATERIAUX

(71) SPINOX LIMITED [GB/GB]; Units 14-15, Galaxy House, New Greenham Park, Newbury, Berks RG19 6HW (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VOLLRATH, Friedrich, Wilhelm, Ludwig, Paul [DE/GB]; Upper Woods Farm, Islip Road, Beckley, Oxford, Oxfordshire OX3 9TF (GB). KNIGHT, David, Philip [GB/GB]; 107 Teg Down Meads, Winchester, Hampshire SO22 5NG (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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D01D

(11) WO 2004/044281 (13) A2

(21) PCT/US2003/036307

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,948 12 Nov/nov 2002 US (12.11.2002)

(30) 60/447,879 14 Feb/fév 2003 US (14.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NANO-POROUS FIBERS AND PROTEIN MEMBRANES

• FIBRES NANOPOREUSES ET MEMBRANES DE PROTEINE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; Office of Technology Transfer, 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HSIEH, You-Lo [US/US]; 915 Oak Avenue, Davis, CA 95616 (US). XIE, Jiang-bing [CN/US]; 289 Duranzo Aisle, Irvine, CA 92606 (US). WANG, Yuhong [CN/US]; 3800 Solano Park Circle, Apt. 3613, Davis, CA 95616 (US). CHEN, Hong [CN/US]; 3800 Solano Park Circle, Apt. 1823, Davis, CA 95616 (US). LI, Lei [CN/US]; 3800 Solano Park Circle, Apt. 3622, Davis, CA 95616 (US). ZHANG, Lifeng [CN/US]; 2900 Solano Park Circle, Apt. 2821, Davis, CA 95616 (US). CECILE, Corine [FR/US]; 1220 Villanova Drive, Davis, CA 95616 (US).

(74) FANG, Carol, A. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 D01D 5/088, 5/092

(11) WO 2004/044282 (13) A1

(21) PCT/EP2003/011807

(22) 24 Oct/oct 2003 (24.10.2003)

(25) de (26) de

(30) 102 52 169.7 9 Nov/nov 2002 DE (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR MELT SPINNING AND COOLING A PLURALITY OF SYNTHETIC FILAMENTS

• PROCÉDE ET DISPOSITIF DE FILAGE PAR FUSION ET DE REFROIDISSEMENT D'UNE PLURALITE DE FILAMENTS SYNTHETIQUES

(71) SAURER GMBH & CO. KG [DE/DE]; Landgrafenstrasse 45, 41069 Mönchengladbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KROPAT, Horst [DE/DE]; Warmsdorfstrasse 24, 24537 Neumünster (DE).

(74) KAHLHÖFER, Hermann; KAHLHÖFER NEUMANN HERZOG FIESSER Karlstrasse 76, 40210 Düsseldorf (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ D01D 5/253, 5/098, D04H 3/16

(11) WO 2004/044283 (13) A1

(21) PCT/EP2003/012540

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 102 52 414.9 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NON-ROUND SPINNERET PLATE HOLE

• ORIFICES NON CIRCULAIRES POUR PLAQUE DE FILIERE

(71) COROVIN GMBH [DE/DE]; Woltorfer Strasse 124, 31224 Peine (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HERDA, Eduard [DE/DE]; Eichendorffstrasse 54 A, 31224 Peine (DE).

(74) KEPETS FERBER, Patricia; Corovin GmbH, Woltorfer Strasse 124, 31224 Peine (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D01F 1/10, 6/60

(11) WO 2004/044284 (13) A1

(21) PCT/FR2003/003298

(22) 5 Nov/nov 2003 (05.11.2003)

(25) fr (26) fr

(30) 02/14007 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ARTICLES WITH ANTIBACTERIAL AND ANTIFUNGAL ACTIVITY

• ARTICLES A ACTIVITE ANTIBACTERIENNE ET ANTIFONGIQUE

(71) RHODIANYL [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne Billancourt cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHARBONNEAUX, Thierry [FR/IT]; 33A via Roma, I-20030 Lentate Sul Seveso (MI) (IT). ROCHAT, Sandrine [FR/FR]; 132, rue Dedieu, F-69100 Villeurbanne (FR).

(74) ESSON, Jean-Pierre; Centre de Recherche de Lyon, Direction de la Propriété Industrielle, 85 rue des Frères Perret BP 62, F-69192 Saint-Fons (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ D01F 2/00

(11) WO 2004/044285 (13) A2

(21) PCT/US2003/035310

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/288,793 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGHLY REFINED FIBER MASS,
PROCESS OF THEIR MANUFACTURE
AND PRODUCTS CONTAINING THE
FIBERS

• MASSE FIBREUSE HAUTEMENT
RAFFINEE, SON PROCEDE DE PRO-
DUCTION ET PRODUITS CONTE-
NANT LESDITES FIBRES

(71) FIBERSTAR, INC. [US/US]; 3023 15th
Street SW, Willmar, MN 56201 (US).

(72) LINDQUIST, Dale, C.; 3023 15th Street
SW, Willmar, MN 56201 (US). LUND-
BERG, Brock; 211 W. Elm Street, Roberts,
WI 54023 (US).

(74) LITMAN, Mark, A.; Mark A. Litman & As-
sociates P.A., Suite 205, York Business Cen-
ter, 3209 West 76th Street, Edina, MN 55435
(US).

(81) BR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ D01F 3/00, 6/00

(11) WO 2004/044286 (13) A1

(21) PCT/US2003/019916

(22) 23 Jun/juin 2003 (23.06.2003)

(25) en (26) en

(30) 10/287,975 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POLY(TRIMETHYLENE TEREPHTHA-
LATE) BICOMPONENT FIBERS

• FIBRES BICOMPPOSEES POLY(TRIME-
THYLENE TEREPHTHALATE)

(71) E. I. DU PONT DE NEMOURS AND
COMPANY [US/US]; 1007 Market Street,
Wilmington, DE 19898 (US).

(72) CHANG, Jing, Chung; 12 Hunt Meet
Lane, Boothwyn, PA 19061 (US). KURIAN,
Joseph, V.; 209 Peoples Way, Hockessin, DE
19707 (US). MILLER, Ray, W.; 720 Ann
Drive, Kennett Square, PA 19348 (US).

(74) KULLER, Mark, D.; E. I. Du Pont De
Nemours And Company, Legal Patent
Records Center, 4417 Lancaster Pike, Wilm-
ington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PH PL PT RO RU SC SD
SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC
VN YU ZA ZM ZW AP (GH GM KE LS MW MZ
SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ
MD RU TJ TM) EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT RO SE SI SK TR) OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les
désignations

(51)⁷ D01F 8/18, 8/06, 8/10, 8/12, 8/14, D04H
1/42

(11) WO 2004/044287 (13) A1

(21) PCT/US2002/036592

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGH ELONGATION SPLITTABLE
MULTICOMPONENT FIBERS COM-
PRISING STARCH AND POLYMERS

• FIBRES CLIVABLES A COMPOSANTS
MULTIPLES A ALLONGEMENT
ELEVÉ COMPORTANT DE L'AMI-
DON ET DES POLYMERES

(71) THE PROCTER & GAMBLE COM-
PANY [US/US]; One Procter & Gamble
Plaza, Cincinnati, OH 45202 (US).

(72) BOND, Eric, Bryan; 253 Terwilligers Run,
Maineville, OH 45039 (US). WHEELER,
Daniel, Steven; 8503 Pringle Drive, Cincin-
nati, OH 45231 (US). ARORA, Kelyn,
Anne; 3611 Wilshire Avenue, Cincinnati,
OH 45208 (US).

(74) REED, T., David et al. / etc.; The Procter
& Gamble Company, 6110 Center Hill Road,
Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL
PT RO RU SC SD SE SG SI SK (Utility
model / modèle d'utilité) SK SL TJ TM TN
TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D01F 8/18, 8/06, 8/10, 8/12, 8/14, D04H
1/42

(11) WO 2004/044288 (13) A1

(21) PCT/US2002/036593

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTICOMPONENT FIBERS COM-
PRISING A DISSOLVABLE STARCH
COMPONENT, PROCESSES THERE-
FOR, AND FIBERS THEREFROM

• FIBRES A COMPOSANT MULTIPLES
COMPORTANT UN COMPOSANT
D'AMIDON SOLUBLE, LEURS PRO-
CEDES, ET FIBRES OBTENUES

(71) THE PROCTER & GAMBLE COM-
PANY [US/US]; One Procter & Gamble
Plaza, Cincinnati, OH 45202 (US).

(72) BOND, Eric, Bryan; 253 Terwilligers Run,
Maineville, OH 45039 (US). PHAN, Dean,
Van; 6512 Tyler's Crossing, West Chester,
OH 45069 (US).

(74) REED, T., David et al. / etc.; The Procter
& Gamble Company, 6110 Center Hill Rd.,
Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE ES FI (Utility
model / modèle d'utilité) FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NO NZ OM PH PL PT
RO RU SC SD SE SG SI SK (Utility model
/ modèle d'utilité) SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D01F 9/127, C08K 7/06

(11) WO 2004/044289 (13) A1

(21) PCT/JP2003/014257

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 2002-327192 11 Nov/nov 2002 JP
(11.11.2002)

(30) 60/426,400 15 Nov/nov 2002 US
(15.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VAPOR GROWN CARBON FIBER,
AND PRODUCTION METHOD AND
USE THEREOF

• FIBRE DE CARBONE PRODUITE
EN PHASE VAPEUR, PROCEDE DE
FABRICATION ET METHODE D'UTI-
LISATION

(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) YANO, Kotaro [JP/JP]; c/o Corporate R & D Center, SHOWA DENKO K.K., 5-1, Okawacho, Kawasaki-ku, Kawasaki-ski, Kanagawa 210-0858 (JP). TOKI, Masaharu [JP/JP]; c/o Showa Denko K.K., 13-9, Shiba Daimon 1-chome, Minato-ku, Tokyo 105-8518 (JP). INOUE, Hitoshi [JP/JP]; c/o Corporate R & D Center, SHOWA DENKO K.K., 5-1, Okawacho, Kawasaki-ku, Kawakaki-shi, Kanagawa 210-0858 (JP). YOSHIDA, Tomoaki [JP/JP]; c/o Corporate R & D Center, SHOWA DENKO K.K., 5-1, Okawacho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0858 (JP). KANABARA, Eiji [JP/JP]; c/o Corporate R & D Center, SHOWA DENKO K.K., 5-1, Oginachi, Kawasaki-ku, Kawasaki-ski, Kanagawa 210-0867 (JP).

(74) OHIE, Kunihisa; Ohie Patent Office, Horiguchi No. 2, Bldg. 7F, 2-6, Nihonbashi-Ningyocho 2-chome, Chuo-ku, Tokyo 103-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG 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 D01G 1/08, D01H 1/11

(11) WO 2004/044290 (13) A1

(21) PCT/NZ2003/000253

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 522596 14 Nov/nov 2002 NZ (14.11.2002)

(30) 525019 28 Mar/mar 2003 NZ (28.03.2003)

(30) 525308 14 Apr/avr 2003 NZ (14.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS FOR PRODUCING A YARN

• APPAREIL DE PRODUCTION DE FIL

(71, 72) LEE, David, Arthur, [NZ/NZ]; 177 Maces Road, Christchurch (NZ).

(74) ADAMS, Matthew, D. et al. / etc.; A J Park, 6th Floor Huddart Parker Building, Post Office Square, PO Box 949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D01G 23/06, B65H 51/30, 54/80

(11) WO 2004/044291 (13) A1

(21) PCT/DE2003/003508

(22) 22 Oct/oct 2003 (22.10.2003)

(25) de (26) de

(30) 102 52 181.6 9 Nov/nov 2002 DE (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FIBER CONVEYING AND DISCARDING DEVICE TO BE CONNECTED TO A CARDER

• DISPOSITIF DE TRANSPORT ET DE POSE DE FIBRES PERMETTANT LEUR FIXATION A UNE MACHINE A CAR-DER

(71) ROSINK GMBH + CO. KG [DE/DE]; Ben-theimer Strasse 207, 48529 Nordhorn (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) STENTENBACH, Udo [DE/DE]; Birkenstrasse 22, 48531 Nordhorn (DE).

(74) CHRISTOPHERSEN & PARTNER; Feldstrasse 73, 40479 Düsseldorf (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 5/72, 1/02

(11) WO 2004/044292 (13) A1

(21) PCT/CH2003/000728

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 631.1 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SPINNING MACHINE PROVIDED WITH A CLAMPING DEVICE

• METIER A FILER EQUIPE D'UN DIS-POSITIF DE SERRAGE

(71) MASCHINENFABRIK RIETER AG [CH/CH]; Patente und Lizenzen, Klosterstrasse 20, CH-8406 Winterthur (CH). MONDGENAST, Peter [CH/CH]; Seuzacherstrasse 22, CH-8400 Winterthur (CH). MONDGENAST, Peter [CH/CH]; Seuzacherstrasse 22, CH-8400 Winterthur (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) WEHRLI, Rudolf [CH/CH]; Zürcherstrasse 186, CH-8406 Winterthur (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D02J 1/08, D02G 3/04, D01F 8/14, D03D 15/00, D02G 3/22

(11) WO 2004/044293 (13) A1

(21) PCT/US2003/021615

(22) 9 Jul/juil 2003 (09.07.2003)

(25) en (26) en

(30) 10/294,345 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENTANGLED BICOMPONENT YARN AND PROCESS FOR MAKING SAME

• FIL BICOMPPOSE ENCHEVETRE ET SON PROCEDE DE PRODUCTION

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).

(72) RODGERS, John, A.; 424 Riverview Drive, Dayton, TN 37321 (US).

(74) FURR, Robert, B., Jr.; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 D03D

(11) WO 2004/044294 (13) A2

(21) PCT/EP2003/012528

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 52 604.4 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SUPPLY DEVICE

• APPAREIL DE DISTRIBUTION

- (71) **IROPA AG** [CH/CH]; Oberneuhofstrasse 6, CH-6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HALVARSON, Björn** [SE/SE]; Storgatan 31, S-523 30 Ulricehamn (SE). **MAGNUSSON, Patrik** [SE/SE]; Döbelnsgatan 111, S-506 38 Borås (SE). **SVANSTRÖM, Anders** [SE/SE]; Luktärtvägen 3, S-523 33 Ulricehamn (SE).
- (74) **KINKELDEY, Hermann**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D03D 47/34, B65H 51/22

(11) WO 2004/044295 (13) A2

(21) PCT/EP2003/012598

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 602.8 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • YARN DISTRIBUTOR

• DELIVREUR DE FIL

- (71) **IRO AB** [SE/SE]; P.O. Box 54, S-523 22 Ulricehamn (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HALVARSON, Björn** [SE/SE]; Storgatan 31, S-523 30 Ulricehamn (SE). **MAGNUSSON, Patrik** [SE/SE]; Döbelnsgatan 111, S-506 38 Borås (SE). **SVANSTRÖM, Anders** [SE/SE]; Luktärtvägen 3, S-523 33 Ulricehamn (SE).
- (74) **KINKELDEY, Hermann et al.** / etc.; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D04H

(11) WO 2004/044296 (13) A2

(21) PCT/US2003/035931

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,443 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS AND APPARATUS FOR PREPARING A MOLDED, TEXTURED, SPUNLACED, NONWOVEN WEB

• PROCEDE ET APPAREIL DE PREPARATION D'UNE BANDE DE TISSU NON TISSE MOULEE, TEXTUREE ET LACEE PAR FILAGE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).(72) **BRENNAN, Jonathan, Paul**; 4459 Hickory Nut Court, Cincinnati, OH 45241 (US). **SPORING, Lester, Charles**; 585 Adams Road, Loveland, OH 45150 (US).(74) **REED, T., David et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D04H

(11) WO 2004/044297 (13) A2

(21) PCT/US2003/036163

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,736 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTIPLE COMPONENT MELT-BLOWN WEBS

• BANDES A COMPOSANTS MULTIPLES FORMEES PAR FUSION-SOUFFLAGE

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).(72) **BANSAL, Vishal**; 11912 Kingsbury Court, Richmond, VA 23233 (US). **SAMUELS, Sam, Louis**; 34 Pelham Drive, Landenberg, PA 19350 (US).(74) **STEINBERG, Thomas, W.**; E. I. DU PONT DE NEMOURS AND COMPANY, LEGAL PATENT RECORDS CENTER, 4417 Lancaster Pike, Wilmington, DE 19805 (US).

(81) 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 D04H 1/54

(11) WO 2004/044298 (13) A1

(21) PCT/US2003/036168

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,963 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NONWOVEN WIPE WITH RESILIENT WET THICKNESS

• CHIFFON NON TISSE A EPAISSEUR HUMIDE RESILIENTE

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) **CHHABRA, Rajeev**; 1217 South Pine Drive, #255, Cincinnati, OH 45241 (US). **GORLEY, Ronald, Thomas**; 7835 New Brunswick Drive, Cincinnati, OH 45241 (US). **OSBORNE, Jeffrey, Len**; 11736 Edgewood Road, Harrison, OH 45030 (US). **BRENNAN, Jonathan, Paul**; 4459 Hickory Nut Court, Cincinnati, OH 45241 (US). **AL-WATTARI, Ali, Abdelaziz**; 18 Lakeshore, Apt. 512, Pointe Claire, Québec H9S5X9 (CA).

(74) **REED, T., David et al.** / etc.; The Procter & Gamble Company, 6110 Center Hill Road, Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility

model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 3/14

(11) WO 2004/044299 (13) A2

(21) PCT/US2003/035123

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/289,674 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HOLLOW FIBER NONWOVEN SHEET FOR FABRIC SOFTENER SUBSTRATE

• FEUILLE NON TISSEE A FIBRES CREUSES POUR UN SUBSTRAT D'ADOUCCISSANT

(71) REEMAY, INC. [US/US]; 70 Old Hickory Boulevard, Old Rickory, TN 07138 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) WILLIS, Edward, Keith [US/US]; 1035 Westchester Drive, Madison, TN 37115 (US).

(74) LINKER, Raymond, O., Jr. et al. / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D06B 5/24

(11) WO 2004/044300 (13) A1

(21) PCT/EP2003/012329

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) PD2002A000287 11 Nov/nov 2002 IT (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A MACHINE FOR TREATING FABRICS IN A BATH, PARTICULARLY FOR DYEING GARMENTS

• MACHINE DESTINEE AU TRAITEMENT DE TISSUS DANS UN BAIN, EN PARTICULIER POUR TEINDRE DES VETEMENTS

(71) MAINO INTERNATIONAL S.R.L. [IT/IT]; Via Calcarà, 13, I-36042 Breganze (VI) (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARIZZI, Arturo [IT/IT]; Via Collina, 4, I-63017 Porto San Giorgio (IT).

(74) CANTALUPPI, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ D06B 23/02, D21F 3/10, F26B 13/16

(11) WO 2004/044301 (13) A1

(21) PCT/EP2003/050800

(22) 7 Nov/nov 2003 (07.11.2003)

(25) de (26) de

(30) 102 53 352.0 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR TREATING WEB-TYPE GOODS WITH A FLOWING OR PRESSURE MEDIUM

• DISPOSITIF DE TRAITEMENT D'ARTICLES EN FORME DE BANDE PAR ECOULEMENT ET APPLICATION DE PRESSION

(71) FLEISSNER GMBH [DE/DE]; Wolfsgartenstr. 6, 63329 Egelsbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FLEISSNER, Gerold [CH/CH]; Bahnhofstr. 2, CH-6300 Zug (CH).

(74) NEUMANN, Gerd; Albert-Schweitzer-Str. 1, 79589 Binzen (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ D06F 25/00, 58/02, 58/28

(11) WO 2004/044302 (13) A1

(21) PCT/JP2003/014043

(22) 31 Oct/oct 2003 (31.10.2003)

(25) ja (26) ja

(30) 2002-326837 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WASHING AND DRYING MACHINE
• MACHINE A LAVER ET SECHER

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). TOSHIBA HA PRODUCTS CO., LTD. [JP/JP]; 1-6, Ohtatoshiba-cho, Ibaraki-shi, Osaka 567-0013 (JP). TOSHIBA CONSUMER MARKETING CORPORATION [JP/JP]; 1-8, Sotokanda 1-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NISHIMURA, Yoshimi [JP/JP]; c/o TOSHIBA HA PRODUCTS CO., LTD, 1-6, Ohtatoshiba-cho, Ibaraki-shi, Osaka 567-0013 (JP).

(74) SATO, Tsuyoshi; Nagoya Aoba Seimei Building, 6-15, Sakae 4-chome, Naka-ku, Nagoya-shi, Aichi 460-0008 (JP).

(81) CN KR US.

(84) EP (DE FR GB IT).

(51)⁷ D06F 39/02

(11) WO 2004/044303 (13) A1

(21) PCT/US2003/035621

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/289,936 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SELECTIVE DISPENSING APPARATUS

• DISPOSITIF DE DISTRIBUTION SELECTIVE

(71) THE PROCTER & GAMBLE COMPANY [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).

(72) NEERGAARD, Arthur, Hampton; 393 Oregon Street, Cincinnati, OH 45202 (US). AOUD, Yousef, George; 6394 Grand Vista Avenue, Cincinnati, OH 45213 (US). SMITH, Christopher, Lawrence; 6221 Summerville Lane, Liberty Township, OH 45011 (US). KELLY, Lawrence, Joseph; 1934 Resor Road, Fairfield, OH 45014 (US).

(74) REED, T., David et al. / etc.; The Procter & Gamble Company, 6110 Center Hill Rd., Cincinnati, OH 45224 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD

GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG) (t) for all designations / pour toutes les désignations

(51)⁷ D06F 73/00

(11) WO 2004/044304 (13) A1

(21) PCT/KR2003/002347

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10-2002-0069484 9 Nov/nov 2002 KR (09.11.2002)

(30) 20-2003-0027718 28 Aug/août 2003 KR (28.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GLOVE SHAPING DEVICE

• DISPOSITIF DE MISE EN FORME DE GANT

(71, 72) CHO, Chang-Yul [KR/KR]; 428-1, DunChon-Dong, KangDong-Ku, 134-060 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D06M 13/368

(11) WO 2004/044305 (13) A1

(21) PCT/US2003/034435

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 60/423,786 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ODOR-ABSORBING CELLULOSIC FIBROUS SUBSTRATES

• SUBSTRATS FIBREUX CELLULOSIQUES ABSORBANT LES ODEURS

(71) NANO-TEX, LLC [US/US]; 5770 Shellmound Street, Emeryville, CA 94608 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) OFFORD, David, A. [US/US]; 4267 Mabel Avenue, Castro Valley, CA 94546 (US).

(74) LARSON, Jacqueline, S.; P.O. Box 2426, Santa Clara, CA 95055-2426 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D06M 15/643, C08L 83/08, C08G 77/388

(11) WO 2004/044306 (13) A1

(21) PCT/EP2003/012703

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 102 53 152.8 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PARTIALLY QUATERNISED, AMINO-FUNCTIONAL ORGANOPOLYSILOXANES AND THEIR USE IN AQUEOUS SYSTEMS

• ORGANOPOLYSILOXANES A FONCTION AMINE PARTIELLEMENT QUATERNISES ET LEUR UTILISATION DANS DES SYSTEMES AQUEUX

(71) RUDOLF GMBH & CO. KG CHEMISCHE FABRIK [DE/DE]; Altwaterstr. 58-64, 82538 Geretsried (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SANDNER, Bernhard [DE/DE]; Jeschenstr. 149, 82538 Geretsried (DE). SCHEDLOWSKI, Christina [DE/DE]; Alpenstr. 3, 82515 Wolfratshausen (DE). HAYESSEN, Rainer [DE/DE]; Osterhofenerstrasse 20, 82549 Königsdorf (DE). DUSCHEK, Gunther [DE/DE]; Caspar-Feichtmayrstr. 21, 83671 Benediktbeuern (DE).

(74) ZUMSTEIN, F. et al. / etc.; Zumstein & Klingseisen, Bräuhausstr. 4, 80331 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ D21D

(11) WO 2004/044307 (13) A2

(21) PCT/US2003/034084

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 10/289,990 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGH DRAINAGE DIMENSIONALLY STABLE BROWNSTOCK WASHER BELT DESIGN

• MODELE DE COURROIE DE LAVEUR DE PATE BRUNE STABLE DIMENSIONNELLEMENT, A DRAINAGE ELEVE

(71) ALBANY INTERNATIONAL CORP. [US/US]; 1373 Broadway, Albany, NY 12204 (US).

(72) ZILKER, Gregory, D.; 20402 NE 163rd Circle, Brush Prairie, WA 98606 (US). LEVINE, Mark; 104 Wood Duck Lane, Hendersonville, TN 37075 (US). VAN-HANDEL, John; 7 Wagon Wheel Drive, Appleton, WI 54913 (US).

(74) SANTUCCI, Ronald, R.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21F 1/00

(11) WO 2004/044308 (13) A1

(21) PCT/US2003/033921

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 10/289,968 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AIR CHANNEL DRYER FABRIC

• TOILE SECHEUSE COMPRENANT DES PASSAGES D'AIR

(71) **ALBANY INTERNATIONAL CORP.**
[US/US]; 1373 Broadway, Albany, NY
12204 (US).

(72) **JOSEF, Michael, J.**; 5 Devonshire Way,
Clifton Park, NY 12065 (US). **BARBERY,
Rick**; 3930 Broad River Rd., Apt. H3, Co-
lumbia, South CA 29210 (US).

(74) **SANTUCCI, Ronald, R.**; Frommer Lau-
rence & Haug LLP, 745 Fifth Avenue, New
York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 **D21F 1/00**

(11) **WO 2004/044309** (13) A1

(21) PCT/US2003/033922

(22) **24 Oct/oct 2003 (24.10.2003)**

(25) en (26) en

(30) 10/289,989 **7 Nov/nov 2002** US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **DRYER FABRIC WITH AIR CHANNEL
ON THE BACKSIDE**

• **TOILE SECHEUSE COMPRENANT
DES PASSAGES D'AIR SUR LA FACE
ARRIERE**

(71) **ALBANY INTERNATIONAL CORP.**
[US/US]; 1373 Broadway, Albany, NY
12204 (US).

(72) **JOSEF, Michael, J.**; 5 Devonshire Way,
Clifton Park, NY 12065 (US). **BARBERY,
Rick**; 3930 Broad River Rd., Apt.H3, Co-
lumbia, South CA 29210 (US).

(74) **SANTUCCI, Ronald, R.**; Frommer Lau-
rence & Haug LLP, 745 Fifth Avenue, New
York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 **D21F 1/00**

(11) **WO 2004/044310** (13) A1

(21) PCT/US2003/034130

(22) **28 Oct/oct 2003 (28.10.2003)**

(25) en (26) en

(30) 10/293,818 **13 Nov/nov 2002** US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **ON-MACHINE-SEAMABLE INDUS-
TRIAL FABRIC COMPRISED OF IN-
TERCONNECTED RINGS**

• **TISSU INDUSTRIEL POUVANT ETRE
ASSEMBLE SUR UNE MACHINE
EQUIPEE D'ANNEAUX INTERCON-
NECTES**

(71) **ALBANY INTERNATIONAL CORP.**
[US/US]; 1373 Broadway, Albany, NY
12204 (US).

(72) **HANSEN, Robert, A.**; Alte Dorfstrasse 62,
70599 Stuttgart-Birkach (DE).

(74) **SANTUCCI, Ronald, R.**; Frommer
Lawrence & Haug LLP, 745 Fifth Avenue,
New York, NY 10151 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 **D21F 1/00**

(11) **WO 2004/044311** (13) A2

(21) PCT/US2003/035229

(22) **3 Nov/nov 2003 (03.11.2003)**

(25) en (26) en

(30) 60/423,266 **11 Nov/nov 2002** US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD OF MAKING A STRATIFIED
PAPER**

• **PROCEDE DE FABRICATION DE PA-
PIER STRATIFIE**

(71) **INTERNATIONAL PAPER COMPANY**
[US/US]; 400 Atlantic Street, Stamford, CT
06921 (US).

(72) **PARK, Chang, Sing**; 602 6th Street, Carl-
stadt, NJ 07072 (US). **XU, Hanjiang**; 19
James Clark Drive, Middletown, NY 10940
(US).

(74) **CEPEDA, Milagros, A.**; Ostrager Chong &
Flaherty LLP, 825 Third Avenue, New York,
NY 10022-7519 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 **D21F 3/00**

(11) **WO 2004/044312** (13) A1

(21) PCT/EP2003/050358

(22) **4 Aug/août 2003 (04.08.2003)**

(25) de (26) de

(30) 102 52 841.1 **13 Nov/nov 2002** DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PRESS ARRANGEMENT AND
METHOD FOR DEWATERING A FIBER
WEB, ESPECIALLY A PAPER WEB**

• **DISPOSITIF DE COMPRESSION ET
PROCEDE POUR ELIMINER L'EAU
CONTENUE DANS UNE BANDE DE
MATIERE FIBREUSE, NOTAMMENT
UNE BANDE DE PAPIER**

(71) **VOITH PAPER PATENT GMBH**
[DE/DE]; Patentabteilung zjp, St. Poel-
tenser Str. 43, 89522 Heidenheim (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **MAYER, Roland** [DE/DE]; Robert-
Koch-Str. 60, 89522 Heidenheim (DE).
EBLINGER, Klaus [DE/DE]; Eberhardsweg
23, 89564 Nattheim (DE).

(74) **VOITH PAPER PATENT GMBH**;
Patentabteilung zjp, St. Poeltener Str. 43,
89522 Heidenheim (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **D21F 7/08**

(11) **WO 2004/044313** (13) A1

(21) PCT/FI2003/000854

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 20022018 **12 Nov/nov 2002** FI
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DRYING WIRE
• FIL DE SECHAGE
- (71) TAMFELT OYJ ABP [FI/FI]; Yrittäjänkatu 21, FIN-33710 Tampere (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ENQVIST, Rauno [FI/FI]; Hasselbackantie 1 B 5, FIN-37120 Nokia (FI). AHO-NEN, Teuvo [FI/FI]; Setolkkakuja 5, FIN-36240 Kangasala (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

- (51)⁷ D21G 1/02
- (11) WO 2004/044314 (13) A1
- (21) PCT/FI2003/000873
- (22) 14 Nov/nov 2003 (14.11.2003)
- (25) fi (26) en
- (30) 20022031 14 Nov/nov 2002 FI (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AN ARRANGEMENT FOR CLEANING THE SURFACE OF A ROLL
• AGENCEMENT POUR NETTOYER LA SURFACE D'UN CYLINDRE
- (71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LINNONMAA, Pekka [FI/FI]; Sipoon-
tie 6 as. 3, FIN-04400 Järvenpää (FI).
KIRVESKARI, Erkki [FI/FI]; Välihaka 90,
FIN-07190 Halkia (FI).

- (74) BERGGREN OY AB; P.O. Box 16, FIN-00101 Helsinki (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ D21G 7/00 // 1/00
- (11) WO 2004/044315 (13) A1
- (21) PCT/FI2003/000852
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 20022017 12 Nov/nov 2002 FI (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MOISTENING ARRANGEMENT OF MULTIPLE-NIP CALENDER
• ENSEMBLE D'HUMIDIFICATION D'UNE CALANDRE A PLUSIEURS LIGNES DE CONTACT

- (71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PULLINEN, Hannu [FI/FI]; Kuuselan-
tie 27, FIN-11130 RIIHIMÄKI (FI).
HAAG, Jorma [FI/FI]; Pikitie 12,
FIN-03620 KARKKILA (FI).
- (74) BERGGREN OY AB; P.O. BOX 16, FIN-00101 HELSINKI (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21G 9/00, D21F 7/00
- (11) WO 2004/044316 (13) A1
- (21) PCT/FI2003/000860
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) fi (26) en
- (30) 20022030 14 Nov/nov 2002 FI (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)

- (54) • A METHOD AND AN ARRANGEMENT FOR CONTROLLING POSITION AND/OR FORCE OF AN ELONGATED ROLLING DEVICE
• PROCEDE ET AGENCEMENT PERMETTANT DE REGULER LA POSITION ET/OU LA FORCE D'UN DISPOSITIF ROULANT OBLONG
- (71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 HELSINKI (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PITKÄNEN, Tatu [FI/FI]; Lähteenkuja 1 B 27, FIN-04400 JÄRVENPÄÄ (FI).
LANNES, Petteri [FI/FI]; Timontie 9, FIN-05400 JOKELA (FI).
TILIKAINEN, Marko [FI/FI]; Toimelantie 22 C, FIN-04500 KELLOKOSKI (FI).
- (74) BERGGREN OY AB; P.O. BOX 16, FIN-00101 HELSINKI (FI).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ D21H
- (11) WO 2004/044317 (13) A2
- (21) PCT/DE2003/003555
- (22) 25 Oct/oct 2003 (25.10.2003)
- (25) de (26) de
- (30) 102 52 739.3 13 Nov/nov 2002 DE (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • WALLPAPER AND METHOD FOR PRODUCTION THEREOF
• PAPIER PEINT MURAL ET PROCEDE DE FABRICATION DUDIT PAPIER
- (71) STORA ENSO MAXAU GMBH & CO. KG [DE/DE]; Mitscherlichstrasse, 76187 Karlsruhe (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRAUN, Wolfgang [DE/DE]; Kapellen-
str. 33, 76596 Forbach (DE).
SCHERER, Alexander [DE/DE]; Anselm-Feuerbach-Str. 20, 76571 Gaggenau (DE).
FRIEDL-GÖPENTIN, Lutz [DE/DE]; Lichtentaler Str. 73 a, 76530 Baden-Baden (DE).
ROSSNAGEL, Gregor [DE/DE]; Auf der Klamm 19, 76646 Bruchsal (DE).
- (74) PFEIFER, Hans-Peter et al. / etc.;
Beiertheimer Allee 19, 76137 Karlsruhe (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21H

(11) WO 2004/044318 (13) A2

(21) PCT/US2003/033633

(22) 22 Oct/oct 2003 (22.10.2003)

(25) en (26) en

(30) 10/289,835 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SOFT TISSUE PRODUCTS CONTAINING SELECTIVELY TREATED FIBERS
• PRODUITS DE TISSU OUATE CONTENANT DES FIBRES TRAITEES DE MANIERE SELECTIVE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) SHANNON, Thomas, Gerard; 1604 Meadowbreeze Circle, Neenah, WI 54956 (US). LORENZ, James, Daniel; 609 West College Avenue, Apartment D, Appleton, WI 54911 (US). MOLINE, David, Andrew; 3210 East Greenleaf Drive, Appleton, WI 54913 (US). RUNGE, Troy, Michael; 235 Bosworth Lane, Neenah, WI 54956 (US). SCHULZ, Thomas, Hampshire; 1231 Fawn Drive, Neenah, WI 54956 (US).

(74) CHARLIER, Patricia, A. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21H

(11) WO 2004/044319 (13) A2

(21) PCT/US2003/033634

(22) 22 Oct/oct 2003 (22.10.2003)

(25) en (26) en

(30) 10/289,558 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • LOW SLOUGH TISSUE PRODUCTS AND METHOD FOR MAKING SAME

- PRODUITS EN TISSU A FAIBLE EBOULEMENT ET SON PROCEDE DE FABRICATION

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) SHANNON, Thomas, Gerard; 1604 Meadowbreeze Circle, Neenah, WI 54956 (US). BRANHAM, Kelly, Dean; 6661 Cross Road, Winneconne, WI 54986 (US). BUNYARD, William, Clayton; 742 Scheuring Road, Depere, WI 54115 (US). FLUGGE, Lisa, Ann; 4717 Periwinkle Court, Appleton, WI 54914 (US).

(74) CHARLIER, Patricia, A. et al. / etc.; Kimberly-Clark Worldwide Inc., 401 N. Lake St., Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21H

(11) WO 2004/044320 (13) A2

(21) PCT/US2003/035270

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,434 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • ABSORBENT SHEET EXHIBITING RESISTANCE TO MOISTURE PENETRATION

- FEUILLE ABSORBANTE RESISTANT A LA PENETRATION DE L'EAU

(71) FORT JAMES CORPORATION [US/US]; 133 Peachtree Street, N.E., Atlanta, GA 30303-1847 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUU, Phuon, V. [US/US]; 2223 E. Calumet Street, Appleton, WI 54915 (US). EDWARDS, Steven, L. [US/US]; 9539 Tri-County Road, Fremont, WI 54940 (US). WHITE, David, W. [US/US]; N2880 Acorn Road, Clintonville, WI 54929 (US). SCHAUER, Brigitte, K. [US/US]; 733 W. Front Street, Appleton, WI 54914 (US). HYNNEK, Martin, A. [US/US]; W3949 Krueger Road, Appleton, WI 54913 (US).

(74) FERRELL, Michael, W.; Ferrells, PLLC, P.O. Box 312, Clifton, VA 20124-1706 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP 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 D21H 17/13, 17/59, 21/22

(11) WO 2004/044321 (13) A1

(21) PCT/US2003/033636

(22) 22 Oct/oct 2003 (22.10.2003)

(25) en (26) en

(30) 10/289,809 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SOFT TISSUE PRODUCTS CONTAINING POLYSILOXANE HAVING A HIGH Z-DIRECTIONAL GRADIENT

- PRODUITS DE TISSU OUATE CONTENANT DU POLYSILOXANE PRESENTANT UN GRADIENT ELEVE DANS L'AXE DES Z

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) SHANNON, Thomas, Gerard; 1604 Meadowbreeze Circle, Neenah, WI 54956 (US). FLUGGE, Lisa, Ann; 4717 Periwinkle Court, Appleton, WI 54914 (US). MOLINE, David, Andrew; 3210 East Greenleaf Drive, Appleton, WI 54913 (US). RUNGE, Troy, Michael; 235 Bosworth Lane, Neenah, WI 54956 (US). THOMPSON, Wade, Raymond; 4375 Farmbrook Lane, Cumming, GA 30041 (US).

(74) CHARLIER, Patricia, A. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21H 17/74

(11) WO 2004/044322 (13) A1

(21) PCT/US2003/033631

(22) 22 Oct/oct 2003 (22.10.2003)

(25) en (26) en

(30) 10/289,562 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HYDROPHOBICALLY MODIFIED CATIONIC ACRYLATE COPOLYMER/POLYSILOXANE BLENDS AND USE IN TISSUE

• MELANGES DE COPOLYMERES D'ACRYLATE CATIONIQUES/POLYSILOXANES MODIFIES D'UN POINT DE VUE HYDROPHOBIQUE ET UTILISATION DANS LES TISSUS OUATES

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) FLUGGE, Lisa, Ann; 4717 Periwinkle Court, Appleton, WI 54914 (US). BRANHAM, Kelly, Dean; 6661 Cross Road, Winneconne, WI 54986 (US). BUNYARD, William, Clayton; 742 Scheuring Road, DePere, WI 54115 (US). SHANNON, Thomas, Gerard; 1604 Meadowbreeze Circle, Neenah, WI 54956 (US).

(74) CHARLIER, Patricia, A. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21H 19/00, B05D 1/06

(11) WO 2004/044323 (13) A1

(21) PCT/FI2003/000867

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 20022034 14 Nov/nov 2002 FI
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR COATING A WEB WITH A COATING POWDER
• PROCEDE DE RECOUVREMENT

(71) METSO PAPER, INC. [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAIJALA, Juha [FI/FI]; Mesukylänkatu 37 B 12, FIN-33700 Tampere (FI). PUTKISTO, Kaisa [FI/FI]; Poukamankatu 7 C 8, FIN-33720 Tampere (FI). HAKOLA, Jyrki [FI/FI]; Poukantie 3, FIN-04400 Järvenpää (FI). GRÖN, Johan [FI/FI]; Vesiniityntie 6 A, FIN-02360 Espoo (FI). LIPPONEN, Juha [FI/FI]; Runoilijantie 5 A 3, FIN-40270 Palokka (FI).

(74) TAMPEREEN PATENTTITOIMISTO OY; Hermiankatu 12 B, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 21/02

(11) WO 2004/044324 (13) A1

(21) PCT/EP2002/012662

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR REDUCING DEPOSITS IN WATER FROM PULP, PAPER OR BOARD MAKING MACHINES

• PROCEDE DE REDUCTION DES DEPOTS CONTENUS DANS L'EAU DE MACHINES A FABRIQUER LA PATE A PAPIER, LE PAPIER OU LE CARTON

(71, 72) POHLEN, Alfred [AT/LU]; 10, Op der Wiss, L-8315 Olm (LU). KERN, Gerhard [AT/LU]; Uferstrasse 20, A-7201 Neudorf (AT). SPEDDING, Jeffrey [AT/AT]; Waldburgergasse 52, A-5026 Salzburg (AT).

(74) SCHWARZENSTEINER, Marie-Luise; Grape/Schwarzensteiner, Sebastiansplatz 7 (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D21H 25/04

(11) WO 2004/044325 (13) A1

(21) PCT/US2003/023001

(22) 24 Jul/juill 2003 (24.07.2003)

(25) en (26) en

(30) 10/291,858 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR ENHANCING THE SOFTNESS OF PAPER-BASED PRODUCTS

• PROCEDE PERMETTANT D'AMELIORER LA DOUCEUR DE PRODUITS A BASE DE PAPIER

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) ROSS, Russell, F.; 3495 Parsons Run, Suwanee, GA 30024 (US). LAU, Jark; 3956 Blus-tery Way, NE, Marietta, GA 30066 (US).

(74) JOHNSTON, Jason, W. et al. / etc.; DORITY & MANNING, P.A., P.O. Box 1449, Greenville, SC 29602-1449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21H 27/02

(11) WO 2004/044326 (13) A1

(21) PCT/US2003/016385

(22) 23 May/mai 2003 (23.05.2003)

(25) en (26) en

(30) 10/291,164 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ABSORBENT TISSUE PRODUCTS HAVING VISUALLY DISCERNABLE BACKGROUND TEXTURE

• TISSUS ABSORBANTS PRESENTANT UNE TEXTURE DE FOND VISUELLE-MENT DISTINGUABLE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) BURAZIN, Mark, Alan; 11 Stoney Beach Road, Oshkosh, WI 54902 (US). CHIU, Kai, F.; 4229 95th Avenue N.E., Bellevue, WA 98004 (US). LINDSAY, Jeffrey, Dean; 20 Diane Lane, Appleton, WI 54915 (US).

(74) TULLEY, JR., Douglas, H. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ D21H 27/30, 23/04 // 11:20, 17/59

(11) WO 2004/044327 (13) A1

(21) PCT/US2003/033635

(22) 22 Oct/oct 2003 (22.10.2003)

(25) en (26) en

(30) 10/289,557 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SOFT HYDROPHILIC TISSUE PRODUCTS CONTAINING POLYSILOXANE AND HAVING UNIQUE ABSORBENT PROPERTIES

• PRODUITS EN TISSU DOUX HYDROPHILE CONTENANT DU POLYSILOXANE ET PRESENTANT DES PROPRIETES D'ABSORPTION UNIQUES

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) MOLINE, David, Andrew; 3210 East Greenleaf Drive, Appleton, WI 54913 (US). BURGHARDT, Dale, Alan; 4947 Washington Street, Buttes des Morts, WI 54927 (US). SHANNON, Thomas, Gerard; 1604 Meadowbreeze Circle, Neenah, WI 54956 (US).

(74) CHARLIER, Patricia, A. et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake St., Neenah, WI 54956 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 D21H 27/38 // 13/10

(11) WO 2004/044328 (13) A1

(21) PCT/US2003/021823

(22) 10 Jul/juil 2003 (10.07.2003)

(25) en (26) en

(30) 10/289,129 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTILAYERED TISSUE PRODUCTS
• PRODUIT PAPIER MENAGER MULTICOUCHE

(71) KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) GARNIER, Gil; 2429 Marathon Avenue, Neenah, WI 54956 (US). HU, Sheng-Hsin; 800 East Woodcrest Drive, Appleton, WI 54915 (US).

(74) JOHNSTON, Jason, W. et al. / etc.; DORITY & MANNING, P.A., P.O. Box 1449, Greenville, SC 29602-1449 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 E01B 25/30

(11) WO 2004/044329 (13) A1

(21) PCT/EP2003/012740

(22) 14 Nov/nov 2003 (14.11.2003)

(25) de (26) de

(30) 102 53 136.6 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SUPPORT FOR FUNCTIONAL PLANES
• SUPPORT DE NIVEAUX FONCTIONNELS

(71) CBP GUIDEWAY SYSTEMS GMBH [DE/DE]; Waldstrasse 44, 82110 Germering (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FEIX, Jürgen [DE/DE]; Waldstrasse 44, 82110 Germering (DE). BRYLKA, Roman [DE/DE]; Gebeckstrasse 7, 82515 Wolfratshausen (DE).

(74) VON SAMSON-HIMMELSTJERNA, F., R.; Samson & Partner, Widenmayerstrasse 5, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E01C 5/00

(11) WO 2004/044330 (13) A1

(21) PCT/KR2003/002431

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ko (26) en

(30) 20-2002-0033855 12 Nov/nov 2002 KR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRONIC SIDEWALK BLOCK FOR A BLIND PERSON

• BORDURE DE TROTTOIR ELECTRONIQUE POUR AVEUGLES

(71, 72) JUNG, Gwang-Gon [KR/KR]; Junggye 2 danji APT 208-409, Junggye-dong 512, Nowon-gu, 139-786 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E01C 19/48

(11) WO 2004/044331 (13) A1

(21) PCT/US2003/036014

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,135 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GAS DISCHARGE DEVICE FOR A CONSTRUCTION VEHICLE

• DISPOSITIF D'EVACUATION DE GAZ POUR VEHICULE DE CONSTRUCTION

(71) BLAW-KNOX CONSTRUCTION EQUIPMENT CORPORATION [US/US]; 750 Broadway Avenue East, Mattoon, IL 61920 (US).

(72) KOELM, Mark, D.; 312 Linden Lane, Mattoon, IL 61938 (US). ROTH, Thomas, A.; 10914 Prestige Drive, Lerma, IL 62440 (US).

(74) USSAI, Mark, A.; Michael Best & Friedrich LLP, 3773 Corporate Parkway, Suite 360, Center Valley, PA 18034 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E01D 4/00, 22/00

(11) WO 2004/044332 (13) A1

(21) PCT/GB2003/004878

(22) 12 Nov/nov 2003 (12.11.2003)

- (25) en (26) en
- (30) 0226439.8 13 Nov/nov 2002 GB
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CONCRETE ARCH AND METHOD OF MANUFACTURE
• VOUTE EN BETON ET PROCEDE POUR LA PRODUIRE
- (71) THE QUEEN'S UNIVERSITY OF BELFAST [GB/GB]; University Road, Belfast, Northern Ireland BT7 1NN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LONG, Adrian, Ernest [GB/GB]; The Queen's University of Belfast, University Road, Belfast, Northern Ireland BT7 1NN (GB).
- (74) MURGITROYD & COMPANY; Scotland House, 165-169 Scotland Street, Glasgow G5 8PL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E01F 9/016, G08G 1/005

- (11) WO 2004/044333 (13) A1
- (21) PCT/ES2003/000531
- (22) 20 Oct/oct 2003 (20.10.2003)
- (25) es (26) es
- (30) U200202753 14 Nov/nov 2002 ES
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ILLUMINATED SIGNALLING DEVICE FOR PEDESTRIAN CROSSINGS
• DISPOSITIF DE SIGNALISATION LUMINEUSE POUR PASSAGE POUR PIÉTONS
- (71, 72) CORDEIRO VILÁN, XESÚS [ES/ES]; c/Manuel Gonzalez Prado, N°5, E-36370 Ni-grán/Pontevedra (ES).
- (81) AT AU BG BR CH CN CZ DE DK ES FI GB HU JP KP KR LU NO PT RO RU SE SK TR US.
- (84) EP (AT BE 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)

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AU BR CN JP KP KR NO RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

- (51)⁷ E02B 3/10, 7/22
- (11) WO 2004/044334 (13) A1
- (21) PCT/DE2003/001567
- (22) 15 May/mai 2003 (15.05.2003)
- (25) de (26) de
- (30) 202 17 385.2 12 Nov/nov 2002 DE
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FLOODWATER PROTECTION SYSTEM
• SYSTEME DE PROTECTION CONTRE LES HAUTES EAUX
- (71, 72) HAHN, Georg [DE/DE]; Seugenbergweg 15a, 93194 Walderbach (DE).
- (74) WASMEIER, Alfons et al. / etc.; Greflingerstrasse 7, 93055 Regensburg (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02D 3/12, 27/34

- (11) WO 2004/044335 (13) A1
- (21) PCT/TR2003/000083
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) en (26) en
- (30) 2002/02517 13 Nov/nov 2002 TR
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR REDUCING THE LIQUEFACTION POTENTIAL OF FOUNDATION SOILS
• PROCEDE PERMETTANT DE REDUIRE LE POTENTIEL DE LIQUEFACTION DE SOLS DE FONDATION
- (71, 72) ERDEMGIL, E., Mete [TR/TR]; Re it Galip Cad. No:92/1, Gaziosmanpa a, 06700 Ankara (TR).
- (74) ANKARA PATENT BUREAU LIMITED; Bestekar Sok. No : 10, Kavaklidere, 06680 Ankara (TR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 E02F 3/38, 9/12
- (11) WO 2004/044336 (13) A1
- (21) PCT/GB2003/004936
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 0226528.8 14 Nov/nov 2002 GB
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • EXCAVATING AND LOADING MACHINE
• EXCAVATEUR-CHARGEUR
- (71) J.C. BAMFORD EXCAVATORS LIMITED [GB/GB]; Rocester, Staffordshire ST14 5JP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BATES, Richard [GB/GB]; 5 Leyland Drive, Rugeley, Staffordshire WS15 2EP (GB).
- (74) FORRESTER KETLEY & CO; Chamberlain House, Paradise Place, Birmingham B3 3HP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E02F 3/815

- (11) WO 2004/044337 (13) A1
- (21) PCT/JP2003/014382
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) ja (26) ja
- (30) PCT/JP02/11787 12 Nov/nov 2002 JP
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • BLADE FOR WORKING MACHINE, AND CONSTRUCTION AND EARTH-MOVING MACHINE WITH THE BLADE
• SOC POUR ENGIN DE TRAVAIL ET ENGIN DE TERRASSEMENT ET DE CONSTRUCTION A SOC
- (71) KOMATSU LTD. [JP/JP]; 3-6, Akasaka 2-chome, Minato-ku, Tokyo 107-8414 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MATSUMOTO, Norihisa [JP/JP]; c/o Osaka Plant Komatsu Ltd., 1-1, ueno 3-chome, hirakata-shi, Osaka 573-1011 (JP).
TAMARU, Masatake [JP/JP]; c/o Osaka Plant Komatsu Ltd., 1-1, ueno 3-chome, hirakata-shi, Osaka 573-1011 (JP).
- (74) NOGUCHI, Takeo; Mutsumi Int.Patent Bureau, Bandai Bld. 10-14, Kandaawajicho 2-chome, Chiyoda-ku, Tokyo 101-0063 (JP).
- (81) AU 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 E03B 3/03, 11/10, E04H 4/10

(11) WO 2004/044338 (13) A1

(21) PCT/NL2003/000680

(22) 6 Oct/oct 2003 (06.10.2003)

(25) nl (26) en

(30) 1021912 13 Nov/nov 2002 NL (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SCHADOW CLOTH TO SPAN A BASIN
• TOILE DE COUVERTURE SOLAIRE POUR RECOUVRIRE UN BASSIN

(71) TEN CATE NICOLON B.V. [NL/NL]; Sluiskade N.Z. 14, NL-7602 HR Almelo (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WOERTMAN, Theodorus, Aloysius [NL/NL]; Jac Perkstraat 2, NL-7442 ZS Nijverdal (NL). DORTLAND, Gerhard-Jan [NL/NL]; Poortstraat 14, NL-7571 CS Oldenzaal (NL).

(74) 't JONG, Bastiaan, Jacob et al. / etc.; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 E03C

(11) WO 2004/044339 (13) A2

(21) PCT/US2003/036036

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,528 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SANITARY FAUCET WITH IMPROVED FLOW RESTRICTION FEATURE AND FOAM CONTROL FEATURE

• ROBINET SANITAIRE A LIMITATION DE DEBIT ET REGULATION DE LA FORMATION DE MOUSSE

(71) PERLICK CORPORATION [US/US]; 8300 West Good Hope Road, Milwaukee, WI 53223-0098 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PFIEFFER, Richard [US/US]; 9320 West Arch Avenue, Milwaukee, WI 53224 (US). KRUMBIEGEL, Karl [US/US]; W54 N272 Van Buren Drive, Cedarburg, WI

53012 (US). STROBEL, John [US/US]; 2875 South 94th Street, West Allis, WI 53227 (US).

(74) SRIVASTAVA, Sonali et al. / etc.; Godfrey & Kahn, S.C., 780 N. Water Street, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ E04B 9/30, 9/00, 9/06, 9/24

(11) WO 2004/044340 (13) A1

(21) PCT/FR2003/003340

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02/14222 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MIXED SUSPENDED CEILING COMPRISING A STRETCHED CANVAS

• FAUX-PLAFOND MIXTE A TOILE TENDUE

(71, 72) SCHERRER, Jean-Marc [FR/FR]; 5A, rue du Collège, F-68400 Riedisheim (FR). SCHERRER, Jean-Paul [FR/FR]; 76A, avenue de la 1ère D.B., F-68100 Mulhouse (FR).

(74) PUIROUX, Guy; Cabinet Guini & Bruder, 68, rue d'Hauteville, F-75010 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04C 2/52, F24D 3/14

(11) WO 2004/044341 (13) A1

(21) PCT/AT2003/000314

(22) 16 Oct/oct 2003 (16.10.2003)

(25) de (26) de

(30) A 1695/2002 11 Nov/nov 2002 AT (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BUILDING MADE OF WALL HOLLOW HEATED ELEMENTS

• BATIMENT A ELEMENTS DE MUR CREUX CHAUFFES

(71, 72) GRIFFNER, Ari [AT/AT]; Hartelsberg 26, A-9421 Eitweg (AT).

(74) BEER, Manfred et al. / etc.; Lindengasse 8, A-1070 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 E04C 3/29, 5/07

(11) WO 2004/044342 (13) A1

(21) PCT/AU2003/001519

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 2002952618 13 Nov/nov 2002 AU (13.11.2002)

(30) 2003902045 30 Apr/avr 2003 AU (30.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A HYBRID STRUCTURAL MODULE

• MODULE DE CONSTRUCTION HYBRIDE

(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]; West 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E04C 5/08, E01D 19/16, C23F 11/02, D07B 1/16, 7/14, E04G 21/12

(11) WO 2004/044343 (13) A1

(21) PCT/FR2003/003182

(22) 27 Oct/oct 2003 (27.10.2003)

(25) fr (26) fr

(30) 02/13939 7 Nov/nov 2002 FR (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONSTRUCTION CABLE PROTECTED AGAINST CORROSION, ANTI-CORROSIVE GEL, AND METHOD FOR INJECTING ANTI-CORROSIVE PRODUCTS INTO SAID CABLE

• CABLE DE STRUCTURE PROTEGE CONTRE LA CORROSION, GEL ANTI-CORROSION, ET PROCEDE D'INJECTION DE PRODUITS ANTI-CORROSION DANS LE CABLE

(71) FREYSSINET INTERNATIONAL (STUP) [FR/FR]; 1 bis, rue du Petit Clamart, F-78140 Vélizy Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NIETO, Jean-François [FR/FR]; 8, square du Minervois, F-78310 Maurepas (FR).

(74) LOISEL, Bertrand et al. / etc.; Cabinet Plasseraud, 65,67 rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E04F

(11) WO 2004/044344 (13) A2

(21) PCT/US2003/029760

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(30) 10/291,998 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MAT WITH ELASTIC COMPRESSIBLE ELEMENTS

• TAPIS PRESENTANT DES ELEMENTS ELASTIQUES COMPRESSIBLES

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) ALTSHULER, Gordon, L.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) EDMAN, Sean, J. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ E04F

(11) WO 2004/044345 (13) A2

(21) PCT/US2003/032595

(22) 15 Oct/oct 2003 (15.10.2003)

(25) en (26) en

(30) 60/424,198 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WALL COVERING ASSEMBLY WITH THERMO-REGULATING PROPERTIES

• ENSEMBLE DE REVETEMENT DE PAROI A PROPRIETES THERMOREGULATRICES

(71, 72) PAUSE, Barbara [DE/US]; 7161 Christopher Court, Longmont, CO 80503 (US).

(81) AT AU CA CH DE DK GB JP SE US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E04F 11/16, 19/02

(11) WO 2004/044346 (13) A1

(21) PCT/PL2003/000120

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 2002-13677 13 Nov/nov 2002 CZ (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTISLIP INSERT FOR STAIR NOSINGS AND SIMILAR ELEMENTS

• INSERT ANTIDERAPANT POUR BANDES DE PROTECTION ET ELEMENTS SIMILAIRES

(71, 72) WESOJOWSKA, Malgorzata [PL/PL]; ul. Kosciuszki 17, PL-25-316 Kielce (PL).

(74) GARSTKA, Antoni; Tumlin-Wegle 87, PL-26-050 Zagnańsk (PL).

(81) AL AM AT AU AZ BA BG BR BY CA CH CN CZ DE DK DZ EE ES FI GB GE GH HR HU ID IL IS JP KE KG KP KR KZ LT LU LV MA MD MK MX NO NZ PL PT RO RU SE SK TJ TM TR TZ UA UZ YU.

(84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04F 15/024

(11) WO 2004/044347 (13) A1

(21) PCT/CA2003/001751

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,995 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MODULAR DECK STRUCTURE

• STRUCTURE DE TERRASSE MODULAIRE

(71) SYSTÈME MODULAIRE 3-DECK, INC. [CA/CA]; 18000 J. Armand Bombardier, Mirabel, Québec J7J 1A1 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TREMBLAY, Jean-Robert [CA/CA]; 92 des Cascades, St-Jérôme, Québec J7Y 4Z4 (CA).

(74) ROBIC; 55, rue St-Jacques, Montréal, Québec H2Y 3X2 (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 US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ E04F 15/22
- (11) WO 2004/044348 (13) A1
- (21) PCT/SE2003/001690
- (22) 3 Nov/nov 2003 (03.11.2003)
- (25) sv (26) en
- (30) 0203339-7 13 Nov/nov 2002 SE (13.11.2002)
- (30) 60/425,741 13 Nov/nov 2002 US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FLOORBOARD AND FLOOR COVERING FOR RESILIENT FLOOR
- PLANCHE DE PLANCHER ET REVE-TEMENT DE PLANCHER POUR PLANCHER SOUPLE
- (71) AB GUSTAF KÄHR [SE/SE]; P.O. Box 805, S-382 28 Nybro (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRÄNNSTRÖM, Hans [SE/SE]; Pukebergarnas väg 9, S-382 34 Nybro (SE).
TROST, Wolfgang [SE/SE]; Tallvägen 12, S-382 37 Nybro (SE).
ISRAELSSON, Leif [SE/SE]; Jöddegatan 6 B, S-382 37 Nybro (SE).
- (74) AWAPATENT AB; P.O. 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 (Utility model / modèle d'utilité) CZ 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 SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL 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 PT 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 E04G
- (11) WO 2004/044349 (13) A2
- (21) PCT/US2003/036104
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,394 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SINGLE JAW SET MULTIPLE TOOL ATTACHMENT SYSTEM
- SYSTEME D'ATTACHEMENTS D'OUTIL MULTIPLES A JEU DE MACHOISES UNIQUE
- (71, 72) RAMUN, John, R. [US/US]; 8243 North Lima Road, Poland, OH 44514 (US).
- (72, 75) COSSETTE, Marc, A. [US/US]; 202 Edna Street, Poland, OH 44514 (US).
- (74) BYRNE, Richard, L. et al. / etc.; Webb Ziesenheim Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ 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) SE SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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
- (11) WO 2004/044350 (13) A2
- (21) PCT/US2003/032639
- (22) 15 Oct/oct 2003 (15.10.2003)
- (25) en (26) en
- (30) 60/424,786 7 Nov/nov 2002 US (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)

- (54) • AUTOMATIC POOL CLEANER POWER CONDUIT INCLUDING STIFF SECTIONS
- CONDUIT DE PUISSANCE DE NETTOYAGE AUTOMATIQUE DE BASSIN COMPORTANT DES TRONÇONS RIGIDES
- (71) HENKIN-LABY, LLC [US/US]; 4435 McGrath Road, #309, Ventura, CA 93003 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) HENKIN, Melvyn, L. [US/US]; 1001 Sharon Lane, Ventura, CA 93001 (US).
LABY, Jordan, M. [US/US]; 1389 Beachmont, Ventura, CA 93001 (US).
- (74) FREILICH, Arthur; Freilich, Hornbaker & Rosen, Suite 260, 9045 Corbin Avenue, Northridge, CA 91324-3343 (US).
- (81) AE AG AL AU BA BB BG BR BZ CA CN CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KP KR LC LK LR LT LV MA MG MK MN MX MZ NO NZ OM PL RO SG SK TR TT TZ 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 E04H
- (11) WO 2004/044351 (13) A2
- (21) PCT/US2003/032794
- (22) 16 Oct/oct 2003 (16.10.2003)
- (25) en (26) en
- (30) 10/294,122 13 Nov/nov 2002 US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • STRUCTURAL COUPLER
- COUPLEUR STRUCTURAL
- (71) ICON IP, INC. [US/US]; 1500 South 1000 West, Logan, UT 84321 (US).
- (72) JAMES, Thomas, A.; 18 Austin Corners Street, Rockwall, TX 75032 (US).
- (74) RICHARDS, Jonathan, W. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 E04H
- (11) WO 2004/044352 (13) A2
- (21) PCT/US2003/036651

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,793 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLOATING ELECTRONIC PLATFORM
FOR SWIMMING POOLS AND SPAS• PLATE-FORME ELECTRONIQUE
FLOTTANTE POUR PISCINES ET
SPAS(71) AQUA PRODUCTS, INC. [US/US]; 25
Rutgers Avenue, Cedar Grove, NJ 07009
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) PORAT, Joseph [US/US]; 59 Roosevelt
Boulevard, North Caldwell, NJ 07006 (US).(74) SPATH, Thomas, E.; 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 6/14

(11) WO 2004/044353 (13) A1

(21) PCT/IB2003/005154

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) BO2002A000719 14 Nov/nov 2002 IT
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN AUTOMATED STORAGE FACIL-
ITY FOR VEHICLES, CONTAINERS
AND SIMILAR• INSTALLATION DE REMISE AUTO-
MATISEE POUR VEHICULES, CONTE-
NEURS ET ANALOGUE(71, 72) CAMBIUZZI, Giulio [IT/IT]; Via
Bucci, 2/D, I-40026 Imola (Bologna) (IT).(74) PROVVISIONATO, Paolo et al. / etc.; c/o
Provvisionato & CO S.r.l., Piazza di Porta
Mascarella, 7, I-40126 Bologna (IT).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZDE DK EE ES FI FR GB GR HU IE IT LU
MC 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 E04H 12/22

(11) WO 2004/044354 (13) A2

(21) PCT/AT2003/000344

(22) 14 Nov/nov 2003 (14.11.2003)

(25) de (26) de

(30) GM 774/2002 14 Nov/nov 2002 AT
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROP FOR OBJECTS SUCH AS SUN-
SHADES• SUPPORT POUR OBJETS TELS QUE
DES PARE-SOLEIL(71, 72) GRIENGL, Hubert, Rudolf [AT/AT];
Pischelsdorfer Strasse 137, A-9020 Klagen-
furt (AT).(74) BEER, Manfred et al. / etc.; Lindengasse 8,
A-1070 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ E05B

(11) WO 2004/044355 (13) A2

(21) PCT/US2003/032735

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/288,433 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • QUICK-RELEASE LOCKABLE LONG
GUN CASE• MALLETT POUR ARME D'EPAULE
VERROUILLABLE A OUVERTURE
RAPIDE(71) ADVANCED SECURITY PRODUCTS,
LLC [US/US]; 23910 N. 19th Avenue, Suite
48, Phoenix, AZ 85027 (US).(72) LOEFF, Thomas; 23910 N. 19th Avenue,
Suite 48, Phoenix, AZ 85027 (US).(74) SPIEGEL, H., Jay; H. Jay Spiegel & Asso-
ciates, P.O. Box 11, Mount Vernon, VA 22121
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZLC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU 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 E05B 7/00, 65/44, E05C 3/12, 3/14, 3/16,
A47B 88/18, 95/02, 96/00

(11) WO 2004/044356 (13) A1

(21) PCT/AU2003/001508

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 2002952664 14 Nov/nov 2002 AU
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A LATCHING HANDLE

• BARRE DE BLOCAGE

(71) IVIS INTERNATIONAL (AUST) PTY
LIMITED [AU/AU]; Norwest Business
Park, 28 Brookhollow Avenue, Baulkham
Hills, NSW 2153 (AU).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) RADZIM, Peter [AU/AU]; 22 Ross
Street, Wollstonecraft, NSW 2067 (AU).
McLAREN, Andrew, Moray, Suttor
[AU/AU]; 34 Lonsdale Avenue, Berowra
Heights, NSW 2082 (AU). LYNN, Michael
[AU/AU]; 10 Catalina Road, San Reno, NSW
2262 (AU).(74) HODGKINSON AND McINNES; Level 3,
20 Alfred Street, Milsons Point, NSW 2061
(AU).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ E05B 15/02, 47/00

(11) WO 2004/044357 (13) A1

(21) PCT/AU2003/001518

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 2002952629 13 Nov/nov 2002 AU
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SOLENOID OPERATED LATCHING
STRIKE• GÂCHE DE VERROUILLAGE AC-
TIONNÉE PAR UN SOLÉNOÏDE

(71) **SECURICOM (NSW) PTY LTD** [AU/AU];
48 Margate Street, Ramsgate, NSW 2217
(AU).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **BURKE, Christopher, John** [AU/AU];
48 Margate Street, Ramsgate, NSW 2217
(AU). **HARWARD, Richard, Bruce**
[AU/AU]; 8 Mordialloc Place, Robina,
QLD 4226 (AU).

(74) **SPRUSON & FERGUSON**; G.P.O. Box
3898, Sydney, NSW 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ E05B 65/44, 9/08

(11) WO 2004/044358 (13) A1

(21) PCT/EP2002/012632

(22) 12 Nov/nov 2002 (12.11.2002)

(25) de (26) de

(43) 27 May/mai 2004 (27.05.2004)

(54) • LOCK COMPRISING A LOCKED DOG
POSITION

• SERRURE COMPRENANT UN TA-
QUET BLOQUE PAR ENCLIQUEMENT

(71) **KARL SIMON GMBH & CO. KG**
[DE/DE]; Sulgener Str. 21-23, 78733 Aich-
halden (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **BANTLE, Ulrich** [DE/DE]; Im Jörgen-
brunnen 9, 72186 Empfingen (DE).

(74) **FLECK, Hermann-Josef**; Klingengasse 2,
71655 Vaihingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E05B 67/36

(11) WO 2004/044359 (13) A1

(21) PCT/US2002/035193

(22) 2 Nov/nov 2002 (02.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • TAMPER RESISTANT LOCK ASSEM-
BLY

• ENSEMBLE DE VERROUILLAGE IN-
VIOLABLE

(71, 72) **VITO, Robert, A.** [US/US]; 1434 Sug-
artown Road, Berwyn, PA 19312 (US).

(74) **GARCIA-ZAMOR, Ruy, M.** et al. / etc.;
Volpe and Koenig, P.C., Suite 400, One Penn
Center, 1617 John F. Kennedy Boulevard,
Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ E05F 1/10, 3/16, A45C 13/34, F16F 1/02,
7/08

(11) WO 2004/044360 (13) A1

(21) PCT/EP2002/012686

(22) 13 Nov/nov 2002 (13.11.2002)

(25) de (26) de

(43) 27 May/mai 2004 (27.05.2004)

(54) • LEAF SUPPORT

• SUPPORT A CLAPET

(71) **KARL SIMON GMBH & CO. KG.**
[DE/DE]; Sulgener Str. 21-23, 78733 Aich-
halden (DE).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **BANTLE, Ulrich** [DE/DE]; Im Jörgen-
brunnen 9, 72186 Empfingen (DE).

(74) **FLECK, Hermann-Josef**; Klingengasse 2,
71665 Vaihingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ E05F 3/00

(11) WO 2004/044361 (13) A1

(21) PCT/GB2003/004884

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0226244.2 11 Nov/nov 2002 GB
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DOOR CLOSER

• DISPOSITIF DE FERMETURE DE
PORTE

(71) **REILOR HOLDINGS LIMITED**
[GB/GB]; Astra Business Centre, Roman
Way, Preston PR2 5AP, Lancashire, (GB).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **HESKETH, Mark, Richard** [GB/GB];
Poss Limited, 36 Holly Park, Huby, Leeds
LS17 0BT (GB).

(74) **JENKINS, Peter, David** et al. / etc.; Page
White & Farrer, 54 Doughty Street, London
WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ E05F 15/10, E06B 9/68

(11) WO 2004/044362 (13) A1

(21) PCT/NZ2003/000212

(22) 16 Sep/sep 2003 (16.09.2003)

(25) en (26) en

(30) 522578 12 Nov/nov 2002 NZ
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIMIT CONTROL

• COMMANDE DE LIMITATION

(71) **ANZON AUTODOOR LIMITED**
[NZ/NZ]; Customhouse, Level 9, 50 An-
zac Avenue, Auckland (NZ).

*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **SCHEIB, Michael, Kevin** [NZ/NZ];
118 Ngaphui Road, Remuera, AUCKLAND
(NZ). **JONES, Andrew** [NZ/NZ]; 28 Naylor
Street, Hamilton (NZ).

(74) **ADAMS, Matthew, D** et al. / etc.; A J Park,
6th Floor Huddart Parker Building, PO Box
949, 6015 Wellington (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC 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 E06B 3/677

(11) WO 2004/044363 (13) A1

(21) PCT/CA2002/001753

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • ENERGY EFFICIENT WINDOW
• FENETRE ECOENERGETIQUE

(71) VISIONWALL CORPORATION
[CA/CA]; 17915 - 118 Avenue, Edmon-
ton, Alberta T5S 1L6 (CA).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WINFIELD, Alan, H. [CA/CA]; c/o
17915 - 118 Avenue, Edmonton, Alberta T5S
1L6 (CA).

(74) BENNETT JONES LLP; 1000 ATCO Cen-
tre, 10035 - 105 Street, Edmonton, Alberta
T5J 3T2 (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 PG PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ E06B 3/70

(11) WO 2004/044364 (13) A1

(21) PCT/US2003/035910

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/291,756 12 Nov/nov 2002 US
(12.11.2002)

(30) 10/351,592 27 Jan/jan 2003 US
(27.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • A DOOR SKIN, METHOD OF MAN-
UFACTURING A DOOR PRODUCED
THEREWITH, AND DOOR PRODUCED
THEREFROM

- REVETEMENT DE PORTE, PROCEDE
DE PRODUCTION D'UNE PORTE
COMPRENANT LEDIT REVETEMENT,
ET PORTE AINSI PRODUITE

(71) MASONITE CORPORATION [US/US];
One North Dale Mabry Highway, Suite 950,
Tampa, FL 33609 (US).

(72) LYNCH, Steven, K.; 555 Marion Ave., St.
Charles, IL 60174 (US). LIANG, Bei-Hong;
1158 Red Clover Drive, Naperville, IL 60564
(US). RUGGIE, Mark, A.; 2844 Pearl,
Franklin Park, IL 60131 (US). COGHLAN,
Henry, M.; 178 Lakeside Dr., St. Charles,
IL 60174 (US). HARDWICK, Geoffrey, B.;
1908 Fairview Dr., St. Charles, IL 60174
(US). WALSH, Jason, M.; 712 South 7th
St., St. Charles, IL 60174 (US).

(74) BERENATO, Joseph, W., III; Liniak, Bere-
nato & White, LLC, 6550 Rock Spring Drive,
Suite 240, Bethesda, MD 20817 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ E06C

(11) WO 2004/044365 (13) A2

(21) PCT/US2003/036043

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 60/425,449 11 Nov/nov 2002 US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • COMBINATION LADDERS, LADDER
COMPONENTS AND METHODS OF
MANUFACTURING SAME

- ECHELLES TRANSFORMABLES,
COMPOSANTS D'ECHELLE ET
LEURS PROCEDES DE FABRICA-
TION

(71) WING ENTERPRISES [US/US]; 1325
West Industrial Circle, P.O.Box 3100,
Springville, UT 84663 (US).

(72) MOSS, Newell, Ryan; 1662 West 1200
North, Mapleton, UT 84664 (US). BOW-
ERS, Jack, W.; 291 East 1075 North,
Springville, UT 84663 (US). FRANCIS,
David; 1086 West 85 South, Orem, UT
84058 (US).

(74) JENSEN, Bradley, B. et al. / etc.; Traskbritt,
230 South 500 East, Suite 300, P.O. Box 2550,
Salt Lake City, UT 84110-2550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 E21B

(11) WO 2004/044366 (13) A2

(21) PCT/US2003/034993

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/289,505 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND APPARATUS FOR
VARYING THE DENSITY OF
DRILLING FLUIDS IN DEEP WATER
OIL DRILLING APPLICATIONS

- PROCEDE ET DISPOSITIF SERVANT
A FAIRE VARIER LA DENSITE DE
FLUIDES DE FORAGE EN EAU PRO-
FONDE

(71, 72) DE BOER, Luc [NL/US]; 7516 Olympia
Drive, Houston, TX 77063-1919 (NL).

(74) CURFISS, Robert, C.; Jackson Walker
L.L.P., 112 E. Pecan, Suite 2100, San Anto-
nio, TX 78205 (US).

(81) AE AG 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 E21B

(11) WO 2004/044367 (13) A2

(21) PCT/US2003/035854

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,377 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DRILLING AND PRODUCING DEEP
WATER SUBSEA WELLS

- FORAGE ET PRODUCTION DE PUITES
SOUS-MARINS EN EAU PROFONDE

(71) ABB VETCO GRAY INC. [US/US]; 3010
Briarpark, Houston, TX 77042 (US). ABB
OFFSHORE SYSTEMS AS [NO/NO];
Bergerveien 12, 1375 Billingstad (NO).

(72) FENTON, Stephen, P.; 2500 Woodland
Park Drive, Houston, TX 77077 (US).
LANGFORD, Gawain; Weverslaan 37,
2271 Bl. Voorburg (NL). DENZEN, Fran-
cisco; 1610 S. Kirkwood Road, Houston, TX
77077 (US). SOLLIE, Lars-Petter; 2770
Woodland Park Drive, Houston, TX 77082
(US). MICHAELSEN, Jarle; 8585 Wood-
way Drive, Apt. 428, Houston, TX 77063
(US). SOELVIK, Nils, Arne; Boeneslien 85,
5155 Boenes (NO).

(74) BRADLEY, James, E.; Bracewell & Patter-
son, L.L.P., P.O. Box 61389, Houston, TX
77208-1389 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 E21B

(11) WO 2004/044368 (13) A2

(21) PCT/US2003/036010

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,377 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ORIENTATION SYSTEM FOR A SUB-SEA WELL

• SYSTEME D'ORIENTATION POUR UN Puits SOUS-MARIN

(71) ABB VETCO GRAY, INC. [US/US]; 3010 Briarpark, Houston, TX 77042 (US).

(72) DEZEN, Francisco; 1610 S. Kirkwood Road, Houston, TX 77077 (US). FENTON, Stephen, P.; 2500 Woodland Park Drive, Houston, TX 77077 (US). LANGFORD, Gawain; Weverslaan 37, NL-2271 BL Voorburg (NL). SOLLIE, Lars-Petter; 2770 Woodland Park Drive, Houston, TX 77082 (US). HED, Jon, E.; 11726 Moorcreek Drive, Houston, TX 77070 (US).

(74) BRADLEY, James, E.; Bracewell & Patterson, L.L.P., P.O. Box 61389, Houston, TX 77208-1389 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 E21B

(11) WO 2004/044369 (13) A2

(21) PCT/US2003/036052

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,452 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR RESERVOIR NAVIGATION USING FORMATION PRESSURE TESTING MEASUREMENT WHILE DRILLING

• PROCEDE DE NAVIGATION DANS UN RESERVOIR UTILISANT DES MESURES D'ESSAI DE PRESSION DANS UNE FORMATION EN COURS DE FORAGE

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) CHEMALI, Roland, E.; 938 Kingwood Drive Unit #721, Houston, TX 77339 (US). HELGESEN, Tron, B.; St. Olavs Gate 11, N-4005 Stavanger (NO). KRUEGER, Volker; Sassengarten 8, 29223 Celle (DE). MEISTER, Matthias; Lueckenweg 21, 29227 Celle (DE). BERGER, Per-Erik; Sokn, N-4158 Bru (NO). ARONSTAM, Peter, S.; 5930 Solar Point Lane, Houston, TX 77041 (US).

(74) WELBORN, Brian, S. et al. / etc.; Baker Hughes Incorporated, 2001 Rankin Road, Houston, TX 77073 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044370 (13) A2

(21) PCT/US2003/036631

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,932 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICES AND METHODS FOR EXTRACTION, TRANSPORTATION AND/OR RELEASE OF MATERIAL

• APPAREILS PERMETTANT D'EXTRAIRE, DE TRANSPORTER ET/OU DE METTRE EN CIRCULATION UN MATERIAU ET PROCEDES A CET EFFET

(71, 72) BECKHARDT, David [US/US]; 27451 Hillcrest Place, Valencia, CA 91354 (US).

(74) SWAN, Joseph, G.; Mitchell, Silberberg & Knupp LLP, 11377 West Olympic Boulevard, Los Angeles, CA 90064 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 E21B 17/01

(11) WO 2004/044371 (13) A1

(21) PCT/US2003/034578

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 10/288,709 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REPLACEABLE LINER FOR METAL LINED COMPOSITE RISERS IN OFFSHORE APPLICATIONS

• GARNITURE REMPLAÇABLE POUR COLONNES MONTANTES COMPOSITES GARNIES METALLIQUES DANS DES APPLICATIONS OFFSHORE

(71) CONOCOPHILLIPS COMPANY [US/US]; 600 North Dairy Ashford, ML 2108, Houston, TX 77079 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SALAMA, Mamdouh, M. [US/US]; 4310 Moss Lake Ct., Richmond, TX 77469 (US).

(74) MEIER, Patricia, A. et al. / etc.; Conocophillips Company, 600 North Dairy Ashford, ML 2108, Houston, TX 77079 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ E21B 17/01

(11) WO 2004/044372 (13) A1

(21) PCT/US2003/034618

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 10/288,710 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METAL LINED COMPOSITE RISERS IN OFFSHORE APPLICATIONS

• TUBES GOULOTTES COMPOSITE A DOUBLURE METALLIQUE UTILISES DANS DES APPLICATIONS EN MER

(71) **CONOCOPHILLIPS COMPANY**
[US/US]; 600 North Dairy Ashford, ML
2108, Houston, TX 77079 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SALAMA, Mamdouh M.** [US/US];
4310 Moss Lake Ct., Richmond, TX 77469
(US). **SPENCER, Brian E.** [US/US]; 4550
Pell Drive, Sacramento, CA 95838 (US).

(74) **MEIER, Patricia A.**; CONOCOPHILLIPS
COMPANY, 600 North Dairy Ashford, ML
2108, Houston, TX 77079 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (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 EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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)
(t) for all designations / pour toutes les
désignations
(u) for / pour US only / seulement

(51)⁷ E21B 19/06, 19/10, 17/01

(11) WO 2004/044373 (13) A1

(21) PCT/GB2003/004800

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,641 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LARGE DIAMETER FLUSH-JOINT
PIPE HANDLING SYSTEM

• SYSTEME DE MANUTENTION DE
TIGES A JOINTS LISSES DE GRAND
DIAMETRE

(71) **GRANT PRIDECO LP** [US/US]; 1330 Post
Oak Blvd, Suite 2700, Houston, TX 77056
(US). **BAILEY, Richard, Alan** [GB/GB];
27 Imperial Square, Cheltenham GL50 1RQ
(GB).

(72) **OTTEN, Gregory, K.**; 8607 Prelude Court,
Houston, TX 77040 (US). **LIGHT, James**;
5203 Aspen Ponit Dr., Katy, TX 77449 (US).
VANLIERE, Chad; 2021 Westcreek Lane,
Houston, TX 77027 (US).

(74) **BAILEY, Richard, Alan**; Marks & Clerk,
27 Imperial Square, Cheltenham GL50 1RQ
(GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO
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).

Published / Publiée : (c)

(51)⁷ E21B 19/09

(11) WO 2004/044374 (13) A1

(21) PCT/NO2003/000377

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 20025409 12 Nov/nov 2002 NO
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TWO-PART TELESCOPIC TENSIONER
FOR RISERS AT A FLOATING INSTAL-
LATION FOR OIL AND GAS PRODUC-
TION

• TENSIONNEUR TELESCOPIQUE EN
DEUX PARTIES POUR DES TUBES AS-
CENSEURS D'UNE INSTALLATION
FLOTTANTE POUR UNE PRODUC-
TION DE PETROLE ET DE GAZ

(71) **NATIONAL OILWELL NORWAY AS**
[NO/NO]; Lagerveien 8, N-4033 Stavanger
(NO).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **MOE, Magne, Mathias** [NO/NO]; Osen
13, N-9414 Harstad (NO).

(74) **HÅMSØ PATENTBYRÅ ANS**; Postboks
171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT (Utility model / modèle
d'utilité) 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).

(51)⁷ E21B 41/00, 33/14, 29/06

(11) WO 2004/044375 (13) A1

(21) PCT/US2003/035648

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,355 11 Nov/nov 2002 US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD AND APPARATUS FOR
CREATING A CEMENTED LATERAL
JUNCTION SYSTEM

• PROCEDE ET APPAREIL POUR
CREER UN SYSTEME DE JONCTION
LATERALE COLLEE

(71) **BAKER HUGHES INCORPORATED**
[US/US]; 3900 Essex Lane, Suite 1200,
Houston, TX 77027 (US).

(72) **MURRAY, Douglas, J.**; 5922 Culross Close,
Humble, TX 77346 (US). **MILLS, Aubrey,**
C.; 30030 Hazy Hollow Lane, Magnolia, TX
77355 (US).

(74) **CARSON, Matt et al.** / etc.; 3900 Essex
Lane, Suite 1200, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 E21B 43/04

(11) WO 2004/044376 (13) A1

(21) PCT/US2003/034150

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 60/424,401 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ALTERNATE PATH AUGER SCREEN

• ENSEMBLE FORME D'UNE CREPINE
ET D'UN FILTRE A GRAVIER, EQUIPE
D'UNE OU DE PLUSIEURS TARIERES
A PASSAGES MULTIPLES

(71) **BAKER HUGHES INCORPORATED**
[US/US]; 3900 Essex Lane, Suite 1200,
Houston, TX 77027 (US).

(72) **BROOME, John, T.**; 55 South Bristol Oak
Circle, The Woodlands, TX 77382 (US).
NAQUIN, Michael; 3518 Spruce Park Cir-
cle, The Woodlands, TX 77345 (US).

(74) **CARSON, Matt, W.**; Baker Hughes Incor-
porated, Suite 1200, 3900 Essex Lane, Hous-
ton, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 E21B 43/116, 17/046, F16L 37/098

(11) WO 2004/044377 (13) A1

(21) PCT/US2003/035620

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,486 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PERFORATING GUN QUICK CONNECTION SYSTEM

• SYSTEME DE CONNEXION RAPIDE A CANON PERFORATEUR

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) SLOAN, Mark, L.; 224 E. Austin Street, Bellville, TX 77418 (US). SCHUTTE, Randy, C.; 199 Rocky Ridge Drive, NW Calgary T3G 4M1 (CA).

(74) WELBORN, Brian, S. et al. / etc.; Baker Hughes Incorporated, 2001 Rankin Road, Houston, TX 77073 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 43/25, 43/22

(11) WO 2004/044378 (13) A1

(21) PCT/IT2002/000723

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR THE CLEANING OF OIL AND GAS WELLBORES

• PROCEDE DE NETTOYAGE DE Puits DE FORAGE DE PETROLE ET DE GAZ

(71) LAMBERTI SPA [IT/IT]; Via Piave, 18, I-21041 Albizzate (IT).

(72) MCGREGOR, William; Via Renè Vanetti, 2, I-21100 Varese (IT). FORNARA, Dario; Via della Pace, 67, I-28100 Novara (IT). PELLIZZON, Tullio I. BASSI, Giuseppe; Via Stretti, 4, I-21026 Gavirate (IT).

(81) CA NO.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ E21B 44/00

(11) WO 2004/044379 (13) A2

(21) PCT/US2003/035647

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,348 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS TO FACILITATE WET OR DRY CONTROL LINE CONNECTION FOR THE DOWN-HOLE ENVIRONMENT

• PROCEDE ET APPAREIL POUR FACILITER UNE CONNEXION DE LIGNE DE COMMANDE HUMIDE OU SECHE DANS UN ENVIRONNEMENT DE FOND

(71) BAKER HUGHES INCORPORATED [US/US]; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(72) WOLTERS, Sebastiaan; 2003 White Oak Hills Lane, Kingwood, TX 77339 (US).

(74) CARSON, Matt et al. / etc.; 3900 Essex Lane, Suite 1200, Houston, TX 77027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 E21B 49/08

(11) WO 2004/044380 (13) A1

(21) PCT/US2003/036053

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,688 12 Nov/nov 2002 US (12.11.2002)

(30) 10/341,146 13 Jan/jan 2003 US (13.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD AND APPARATUS FOR SUPERCHARGING DOWNHOLE SAMPLE TANKS

• PROCEDE ET APPAREIL PERMETTANT DE SURALIMENTER DES RESERVOIRS D'ECHANTILLONS DE FONDS DE Puits

(71) BAKER HUGHES INCORPORATED [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(72) DIFOGGIO, Rocco; 12006 Plumpoint Drive, Houston, TX 77099 (US).

(74) WELBORN, Brian, S. et al. / etc.; Baker Hughes Incorporated, 2001 Rankin Road, Houston, TX 77073 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E21D 9/04, F16L 1/036

(11) WO 2004/044381 (13) A1

(21) PCT/US2003/006565

(22) 3 Mar/mar 2003 (03.03.2003)

(25) en (26) en

(30) 10/065,682 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD TO INSTALL UNDERGROUND PIPE CASING

• PROCEDE D'INSTALLATION DE GAINÉ DE TUYAU SOUTERRAIN

(71, 72) VERKYK, Robert, J. [NL/US]; 10401 Green Hedges Drive, Tampa, FL 33626 (US).

(74) HALEY, Barry, L. et al. / etc.; Malin, Haley & DiMaggio, P.A., 1936 South Andrews Avenue, Fort Lauderdale, FL 33316 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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 E21D 15/48

(11) WO 2004/044382 (13) A1

(21) PCT/ZA2003/000168

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 2002/9083 8 Nov/nov 2002 ZA (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MINE SUPPORT

• SUPPORT DE MINE

(71) GRINAKER-LTA LIMITED [ZA/ZA]; 30 Van Der Bijl Street, 1779 Westonaria (ZA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERASMUS, Nico** [ZA/ZA]; 30 Van Der Bijl Street, 1779 Westonaria (ZA). **VISAGIE, Joseph, Cornelius** [ZA/ZA]; 30 Van Der Bijl Street, 1779 Westonaria (ZA).

(74) **RADEMEYER, Montague, Ampie, John** et al. / etc.; McCallum Rademeyer & Freimond, PO Box 1130, 7 Maclyn House, Bordeaux, 2125 Randburg (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **E21D 21/00**

(11) **WO 2004/044383** (13) A1

(21) PCT/US2003/036236

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/292,637 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **FRICTIONAL MINING BOLT**
• **BOULON DE MINE A FROTTEMENT**

(71) **TERRASIMCO INC.** [US/US]; 1016 Bedington Road, Martinsburg, WV 25401 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIMMONS, Walter, Neal** [US/US]; 803 Sanderson Drive, Durham, NC 27704 (US). **SIMMONS, Walter, John** [US/US]; 1016 Bedington Road, Martinsburg, WV 25401 (US).

(74) **WATKINS, Seth, A.**; Collier Shannon, PLLC, 3050 K Street, NW, Suite 400, Washington, DC 20007 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **F01D**

(11) **WO 2004/044384** (13) A2

(21) PCT/US2003/035842

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en

(30) 10/293,713 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **A DUAL-USE RADIAL TURBOMACHINE**
• **TURBOMACHINE RADIALE A DOUBLE USAGE**

(71) **CARRIER CORPORATION** [US/US]; Intellectual Property Department, Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(72) **BRASZ, Joost, J.**; 1 Landgrove Drive, Fayetteville, NY 13066 (US).

(74) **BIGELOW, Dana, F.**; Wall Marjama & Bilinski LLP, 101 South Salina Street, 4th Floor, Syracuse, NY 13202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01D**

(11) **WO 2004/044385** (13) A2

(21) PCT/US2003/035889

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/293,711 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TURBINE WITH VANED NOZZLES**
• **TURBINE COMPORTANT DES AJUTAGES A AILETTES**

(71) **CARRIER CORPORATION** [US/US]; Intellectual Property Department, Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(72) **BRASZ, Joost, J.**; 1 Landgrove Drive, Fayetteville, NY 13066 (US). **BIEDERMAN, Bruce, P.**; 20 High Street, West Hartford, CT 06119 (US).

(74) **BIGELOW, Dana, F.**; Wall Marjama & Bilinski LLP, 101 South Salina Street, 4th Floor, Syracuse, NY 13202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F01D**

(11) **WO 2004/044386** (13) A2

(21) PCT/US2003/036007

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/293,712 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **COMBINED RANKINE AND VAPOR COMPRESSION CYCLES**
• **CYCLES COMBINES DE RANKINE ET DE COMPRESSION DE VAPEUR**

(71) **CARRIER CORPORATION** [US/US]; Intellectual Property Department, Carrier Parkway, P.O. Box 4800, Syracuse, NY 13221 (US).

(72) **BRASZ, Joost, J.**; 1 Landgrove Drive, Fayetteville, NY 13066 (US). **BIEDERMAN, Bruce, P.**; 20 High Street, West Hartford, CT 06119 (US).

(74) **BIGELOW, Dana, F.**; Wall Marjama & Bilinski LLP, 101 South Salina Street, 4th Floor, Syracuse, NY 13202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/14, 25/00, 9/04**

(11) **WO 2004/044387** (13) A1

(21) PCT/CH2003/000696

(22) **24 Oct/oct 2003 (24.10.2003)**

(25) de (26) de

(30) 1905/02 **13 Nov/nov 2002 (13.11.2002)** CH

(43) 27 May/mai 2004 (27.05.2004)

(54) • **SLOTTED GUIDE VANE**
• **AUBE DIRECTRICE A FENTE**

(71) **ABB TURBO SYSTEMS AG** [CH/CH]; Bruggstrasse 71a, CH-5400 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAETS, Jozef** [BE/CH]; Steinaeckerstrasse 5A, CH-5442 Fislisbach (CH). **FLURY, Balz** [CH/CH]; Bachstrasse 83, CH-5436 Würenlos (CH).

(74) **ABB SCHWEIZ AG**; Intellectual Property (CH-LC/IP), Brown Boveri Strasse 6, CH-5400 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01K 21/04, F02C 3/34, F01K 25/00, 25/10, F02C 3/30, F01K 23/10, 23/06

(11) WO 2004/044388 (13) A1

(21) PCT/IB2003/005068

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,817 13 Nov/nov 2002 US (13.11.2002)

(30) 10/698,842 31 Oct/oct 2003 US (31.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • HYBRID OXYGEN-FIRED POWER GENERATION SYSTEM
• SYSTEME DE PRODUCTION D'ENERGIE HYBRIDE A COMBUSTION A L'OXYGENE

(71) L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, Quai d'Orsay, F-75321 Paris Cedex (FR).

(72) MARIN, Ovidiu; 2040 Carriage Hill Road, Lisle, IL 60532 (US). MACADAM, Scott; 1707 Mill Street, Laramie, WY 82072 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(f) for all designations / pour toutes les désignations

(51)⁷ F01L 1/28

(11) WO 2004/044389 (13) A1

(21) PCT/IB2003/001427

(22) 4 Apr/avr 2003 (04.04.2003)

(25) it (26) en

(30) TO2002A000973 11 Nov/nov 2002 IT (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SINGLE VALVE INTAKE/EXHAUST DEVICE FOR A DIRECT INJECTION INTERNAL COMBUSTION ENGINE

- DISPOSITIF D'ADMISSION ET D'ÉCHAPPEMENT A SOUPAPE UNIQUE POUR UN MOTEUR THERMIQUE A INJECTION DIRECTE

(71, 72) BARBERO, Aquilino [IT/IT]; Via Chiesa 2, I-81036 Casapesenna (IT).

(72, 75) FELACO, Teresa [IT/IT]; Via Chiesa 2, I-81036 Casapesenna (IT). OREFICE, Giovanni [IT/IT]; Via Enrico De Nicola 15, I-80020 Casavatore (IT).

(74) RAMBELLI, Paolo; Jacobacci & Partners SpA, Corso Regio Parco 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F01L 9/04

(11) WO 2004/044390 (13) A1

(21) PCT/AU2003/001323

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 2002953191 12 Nov/nov 2002 AU (12.11.2002)

(30) 2002952737 15 Nov/nov 2002 AU (15.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • HIGH SPEED SOLENOID VALVE

- SOUPAPE ELECTROMAGNETIQUE RAPIDE

(71) DUCKDIVE PTY. LIMITED [AU/AU]; Unit 3, 13 Hoyle Avenue, Castle Hill, NSW 2154 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WECHNER, Edward [AU/AU]; 5 Charles Avenue, Minnamurra, NSW 2533 (AU).

(74) ANDERSON-TAYLOR, Michael; Registered Patent Attorney, 10 Harrison Avenue, Bonnet Bay, NSW 2226 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F01L 9/04, 13/00, 1/18

(11) WO 2004/044391 (13) A2

(21) PCT/EP2003/011408

(22) 15 Oct/oct 2003 (15.10.2003)

(25) de (26) de

(30) 102 52 997.3 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • ROTARY ACTUATOR SYSTEM FOR CONTROLLING THE STROKE OF GAS EXCHANGE VALVES IN THE CYLINDER HEAD OF AN INTERNAL COMBUSTION ENGINE

- SYSTEME D'ACTIONNEUR ROTATIF SERVANT A COMMANDER LA LEVEE DE SOUPAPES DE CHANGEMENT DES GAZ DANS LA CULASSE D'UN MOTEUR A COMBUSTION

(71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAUBATZ, Karl-Heinz [DE/DE]; Erlenweg 18, 85599 Parsdorf (DE). MEYER, Johannes [DE/DE]; Hagebittenweg 9, 85757 Karlsfeld (DE).

(74) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT; Patentabteilung AJ-3, 80788 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F01L 9/04, 13/00

(11) WO 2004/044392 (13) A1

(21) PCT/EP2003/011409

(22) 15 Oct/oct 2003 (15.10.2003)

(25) de (26) de

(30) 102 52 991.4 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • PIVOTING ACTUATOR SYSTEM FOR CONTROLLING THE STROKE OF A GAS EXCHANGE VALVE IN THE CYLINDER HEAD OF AN INTERNAL COMBUSTION ENGINE

- SYSTEME D'ACTIONNEUR OSCILLANT SERVANT A COMMANDER LA LEVEE D'UNE SOUPAPE DE CHANGEMENT DES GAZ DANS LA CULASSE D'UN MOTEUR A COMBUSTION

(71) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT [DE/DE]; Petuelring 130, 80809 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEETHALER, Rudolf [AT/DE]; Bonner Strasse 12, 80804 München (DE). MEYER, Johannes [DE/DE]; Hagebuttenweg 9, 85757 Karlsfeld (DE). KNAUT, Axel [DE/DE]; Waldmeisterstrasse 17 b, 80935 München (DE). GAUBATZ, Karlheinz [DE/DE]; Erlenweg 18, 85599 Parsdorf (DE).

(74) BAYERISCHE MOTORENWERKE AKTIENGESELLSCHAFT; Patentabteilung AJ-3, 80788 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F01M 1/00

(11) WO 2004/044393 (13) A1

(21) PCT/US2003/034944

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,981 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVED EMISSIONS CONTROL INTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE AMELIORE A EMISSIONS CONTROLEES

(71, 72) ROBERTS, Freddie, Ray [US/US]; c/o C. Madison Warren III, 201 Uffleman Drive, Suite C, Clarksville, TN 37043 (US).

(74) WINTERS, David, Douglas; Patent Law Offices, 2277-C Suite 237, Wilma Rudolph Blvd, Clarksville, TN 37040-5898 (US).

(81) AU BR CA CN IN JP KR MX RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : AU BR CA CN IN JP KR MX RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(s) for the following designations / pour les désignations suivantes : AU BR CA CN IN JP KR MX RU EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for all designations / pour toutes les désignations

(51)⁷ F01N 3/02

(11) WO 2004/044394 (13) A1

(21) PCT/JP2002/011720

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • ROTARY FILTER TYPE PARTICULATE REMOVING DEVICE
• DISPOSITIF D'ELIMINATION DE PARTICULES DU TYPE A FILTRE ROTATIF

(71, 72) IIZUKA, Takashi [JP/JP]; 19-12, Minamidai 4-chome, Nakano-ku, Tokyo 164-0014 (JP).

(81) CA CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ F01N 3/021, 3/022, 3/08

(11) WO 2004/044395 (13) A1

(21) PCT/DE2003/002338

(22) 11 Jul/juil 2003 (11.07.2003)

(25) de (26) de

(30) 102 52 733.4 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR PURIFYING A MOTOR VEHICLE EXHAUST GAS
• DISPOSITIF POUR PURIFIER DES GAZ D'ÉCHAPPEMENT D'UN VEHICULE AUTOMOBILE

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WIDENMEYER, Markus [DE/DE]; Lachenstrasse 14, 71101 Schoenaich (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F01N 3/32, F02D 9/02

(11) WO 2004/044396 (13) A1

(21) PCT/EP2003/011863

(22) 25 Oct/oct 2003 (25.10.2003)

(25) de (26) de

(30) 102 52 153.0 9 Nov/nov 2002 DE (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTERNAL COMBUSTION ENGINE COMPRISING A GAS-CONVEYING SYSTEM AND METHOD FOR THE OPERATION THEREOF

• MOTEUR A COMBUSTION INTERNE COMPRENANT UN SYSTEME DE TRANSPORT DE GAZ ET SON PROCEDE DE FONCTIONNEMENT

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HERGEMÖLLER, Thorsten [DE/DE]; Flohbergstrasse 17, 70327 Stuttgart (DE). KIRGUS, Karl-Friedrich [DE/DE]; Panoramastrasse 8, 75365 Calw (DE). LEHMANN, Hans-Georg [DE/DE]; Südhalde 13, 73732 Esslingen (DE). SCHLICKMANN, Gerhard [DE/DE]; Lindenstrasse 10/3, 73249 Wernau (DE).

(74) KOCHER, Klaus-Peter et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F01P

(11) WO 2004/044397 (13) A2

(21) PCT/US2003/035120

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,127 6 Nov/nov 2002 US (06.11.2002)

(30) Not furnished / 4 Nov/nov 2003 US
non communiqué (04.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MONOBLOC PISTON HAVING OPEN FLOOR
• PISTON MONOBLOC A FACE INFÉRIEURE OUVERTE

(71) FEDERAL-MOGUL CORPORATION [US/US]; 26555 Northwestern Highway, Southfield, MI 48034 (US).

(72) ZHU, Xiluo; 4969 S. Ridgeside Circle, Ann Arbor, MI 48105 (US). GAISER, Randall, R.; 13285 Oakridge Lane, Chelsea, MI 48118 (US).

(74) STEARNS, Robert, L. et al. / etc.; Howard and Howard Attorneys, P.C., Suite 101, 39400 Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F01P 7/16

(11) WO 2004/044398 (13) A1

(21) PCT/EP2003/011520

(22) 17 Oct/oct 2003 (17.10.2003)

(25) de (26) de

(30) 102 52 154.9 9 Nov/nov 2002 DE (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR REGULATING THE TEMPERATURE OF A COMPONENT OR A WORKING MEDIUM OF AN INTERNAL COMBUSTION ENGINE

• DISPOSITIF SERVANT A REGULER LA TEMPERATURE D'UN COMPOSANT OU D'UN FLUIDE DE TRAVAIL D'UN MOTEUR A COMBUSTION

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VON GREGORY, Jens [DE/DE]; G.-Hauptmann-Strasse 15, 73630 Remshalden (DE).

(74) KOCHER, Klaus-Peter et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM - C106, 70546 Stuttgart (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (a)

(51)⁷ F02B

(11) WO 2004/044399 (13) A2

(21) PCT/US2003/036466

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/293,020 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTERNAL COMBUSTION ENGINE WITH SCR AND INTEGRATED AMMONIA PRODUCTION

• MOTEUR A COMBUSTION INTERNE MUNI D'UN SCR (REACTEUR A REDUCTION CATALYTIQUE SELECTIVE) ET A FABRICATION D'AMMONIUM INTEGREE

(71) COLLIER TECHNOLOGIES, INC. [US/US]; 1330 Capitol Boulevard "B", Reno, NV 89502 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MULLIGAN, D., Neal [US/US]; 2259 Ridgeview Drive, Reno, NV 89509 (US).

(74) PLUMLEY, David, A.; Christie, Parker & Hale, LLP, 350 West Colorado Boulevard, P.O. 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/02

(11) WO 2004/044400 (13) A1

(21) PCT/EP2003/012775

(22) 14 Nov/nov 2003 (14.11.2003)

(25) de (26) de

(30) 102 52 938.8 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INDUCTION TUBE SYSTEM FOR A MULTICYLINDER INTERNAL COMBUSTION ENGINE HAVING TWO ROWS OF CYLINDERS

• SYSTEME DE CONDUIT D'ASPIRATION POUR MOTEUR A COMBUSTION INTERNE A PLUSIEURS CYLINDRES, A DEUX RANGEES DE CYLINDRES

(71) MANN+HUMMEL GMBH [DE/DE]; Hindenburgstrasse 45, 71638 Ludwigsburg (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PIETROWSKI, Herbert [DE/DE]; In den Schafgärten 78, 74385 Pleidelsheim (DE). WILD, Stefan [DE/DE]; Junkeräckerstrasse 10, 75305 Neuenbürg (DE).

(74) VOTH, Gerhard; Hindenburgstrasse 45, 71638 Ludwigsburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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).

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(51)⁷ F02B 29/04, F02M 25/07

(11) WO 2004/044401 (13) A1

(21) PCT/FR2003/002857

(22) 29 Sep/sep 2003 (29.09.2003)

(25) fr (26) fr

(30) 02/14121 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR THE THERMAL REGULATION OF THE INTAKE AIR FOR AN ENGINE AND THE RECIRCULATED EXHAUST GAS EMITTED BY SAID ENGINE

• DISPOSITIF PERFECTIONNE DE REGULATION THERMIQUE DE L'AIR D'ADMISSION D'UN MOTEUR ET DE GAZ D'ÉCHAPPEMENT RECIRCULES EMIS PAR CE MOTEUR

(71) PEUGEOT CITROEN AUTOMOBILES S.A. [FR/FR]; 65-71, boulevard du Château, F-92200 Neuilly-sur-Seine (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOMASELLI, Ludovic [FR/FR]; 61, avenue de l'Arche, Appartement B 71, F-92400 Courbevoie (FR).

(74) DE LA BIGNE, Guillaume; Cabinet Lhermet La Bigne & Rémy, 191, rue Saint-Honoré, F-75001 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 F02B 29/04, F02M 25/07, 31/04, 31/10

(11) WO 2004/044402 (13) A1

(21) PCT/FR2003/002866

(22) 30 Sep/sep 2003 (30.09.2003)

(25) fr (26) fr

(30) 02/14120 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR THE THERMAL REGULATION OF THE INTAKE AIR FOR AN ENGINE AND THE RECIRCULATED EXHAUST GAS EMITTED BY SAID ENGINE.

• DISPOSITIF DE RÉGULATION THERMIQUE DE L'AIR D'ADMISSION D'UN MOTEUR ET DE GAZ D'ÉCHAPPEMENT RECIRCULÉS ÉMIS PAR CE MOTEUR.

(71) PEUGEOT CITROEN AUTOMOBILES S.A. [FR/FR]; 65-71, boulevard du Château, F-92200 Neuilly-sur-Seine (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOMASELLI, Ludovic [FR/FR]; 61, avenue de l'Arche, Appartement B 71, F-92400 Courbevoie (FR). MONIE, Nicolas [FR/FR]; 32, avenue Joffre, F-92250 La Garenne Colombes (FR).

(74) DE LA BIGNE, Guillaume; Cabinet Lhermet La Bigne & Rémy, 191, rue Saint-Honoré, F-75001 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 F02B 29/08, 27/02, F02D 9/02

(11) WO 2004/044403 (13) A1

(21) PCT/AT2003/000279

(22) 24 Sep/sep 2003 (24.09.2003)

(25) de (26) de

(30) A 1704/2002 12 Nov/nov 2002 AT (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SWITCHING UNIT IN THE INDUCTION SYSTEM OF A RECIPROCATING PISTON INTERNAL COMBUSTION ENGINE

• UNITE DE COMMUTATION SITUEE DANS LE SYSTEME D'ADMISSION D'UN MOTEUR A COMBUSTION INTERNE A PISTON ALTERNATIF

(71) HOERBIGER KOMPRESSORTECHNIK SERVICES GMBH [AT/AT]; Prinz-Eugen-Strasse 70, A-1040 Wien (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SPIEGL, Bernhard [AT/AT]; Wallischgasse 7, A-1030 Wien (AT). MACHU, Gunther [AT/AT]; Endresstrasse 110/9, A-1230 Wien (AT). STEINRÜCK, Peter [AT/AT]; Lahn 195, A-4830 Hallstatt (AT).

(74) LAMINGER, Norbert et al. / etc.; Prinz-Eugen-Strasse 70, A-1040 Wien (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F02B 29/08, F02D 9/16

(11) WO 2004/044404 (13) A1

(21) PCT/DE2003/003605

(22) 29 Oct/oct 2003 (29.10.2003)

(25) de (26) de

(30) 102 52 208.1 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PISTON ENGINE, ESPECIALLY RECIPROCATING INTERNAL COMBUSTION ENGINE WITH ADDITIONAL CHARGE CONTROL MECHANISM

• MACHINE A PISTON, NOTAMMENT MOTEUR A PISTON ALTERNATIF A COMBUSTION INTERNE DOTE D'UNE COMMANDE SUPPLEMENTAIRE DE CHARGE

(71) MAHLE VENTILTRIEB GMBH [DE/DE]; Haldenstrasse 7, 70376 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LECHNER, Martin [AT/DE]; Im Feldle 4, 70378 Stuttgart (DE).

(74) PFUSCH, Volker; Patentanwalts-Partnerschaft ROTERMUND + PFUSCH + BERNHARD, Waiblinger Strasse 11, 70372 Stuttgart (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02B 43/08

(11) WO 2004/044405 (13) A1

(21) PCT/US2003/020555

(22) 1 Jul/juil 2003 (01.07.2003)

(25) en (26) en

(30) 10/293,518 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FUEL REFORMER SHUTTING DOWN METHOD AND APPARATUS

• PROCEDE ET APPAREIL D'ARRET DE REFORMEUR DE COMBUSTIBLE

(71) ARVIN TECHNOLOGIES, INC. [US/US]; 2135 West Maple Road, Troy, MI 48084 (US).

(72) TAYLOR, William, III.; 2136 Franklin Street, Columbus, IN 47201 (US). SMALING, Rudolf, M.; 3 Mudge Way, Bedford, MA 01730 (US). BAUER, Shawn, D.; 4817 Graceland Avenue, Indianapolis, IN 46208 (US).

(74) BAUER, Shawn, D.; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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).

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(51)⁷ F02B 47/08, 43/00, F02D 21/08, F02M 25/07, F02D 41/14

(11) WO 2004/044406 (13) A1

(21) PCT/US2003/032420

(22) 14 Oct/oct 2003 (14.10.2003)

(25) en (26) en

(30) 10/292,115 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTIMIZED COMBUSTION CONTROL OF AN INTERNAL COMBUSTION ENGINE EQUIPPED WITH EXHAUST GAS RECIRCULATION

• REGULATION OPTIMISEE DE LA COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE EQUIPE D'UN SYSTEME DE RECYCLAGE DES GAZ D'ECHAPPEMENT

(71) CLEAN AIR POWER, INC. [US/US]; 5066 Sante Fe Street, San Diego, CA 92109 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WONG, Hoi, Ching [US/US]; 4414 Ute Drive, San Diego, CA 92117 (US). PAYNE, John [US/US]; 10401 N.E. 89th Street, Vancouver, WA 98662 (US). BECK, Niels, Johannes [US/US]; 4073 The Hill Road, Bonita, CA 92082 (US).

(74) NEWHOLM, Timothy E.; Boyle Fredrickson Newholm Stein & Gratz S.C., 250 Plaza, Suite 1030, 250 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F02B 75/04

(11) WO 2004/044407 (13) A1

(21) PCT/US2003/034360

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 60/425,110 7 Nov/nov 2002 US
(07.11.2002)

(30) 10/302,595 25 Nov/nov 2002 US
(25.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VARIABLE DISPLACEMENT ENGINE
• MOTEUR A DEPLACEMENT VARIABLE

(71) POWERVANTAGE ENGINES, INC. [US/US]; 2682 Hillsden Drive, Salt Lake City, UT 84117 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Bret, J. [US/US]; 11179 South Ivy Creek Cove, South Jordan, UT 84095 (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 NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F02D 41/14, 31/00, 41/34

(11) WO 2004/044408 (13) A1

(21) PCT/EP2003/012480

(22) 8 Nov/nov 2003 (08.11.2003)

(25) de (26) de

(30) 102 52 399.1 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE GENERATOR UNIT

• PROCEDE DE REGULATION D'UNE UNITE MOTEUR A COMBUSTION INTERNE-GENERATEUR

(71) MTU FRIEDRICHSHAFEN GMBH [DE/DE]; 88040 Friedrichshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DÖLKER, Armin [DE/DE]; Seestrasse West 34B, 88090 Immenstaad (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ F02F

(11) WO 2004/044409 (13) A2

(21) PCT/US2003/035461

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,089 6 Nov/nov 2002 US
(06.11.2002)

(30) 10/701,274 4 Nov/nov 2003 US
(04.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PISTON AND METHOD OF MANUFACTURE

• PISTON ET SON PROCÉDE DE FABRICATION

(71) **FEDERAL-MOGUL CORPORATION** [US/US]; 26555 Northwestern Highway, Southfield, MI 48034 (US).(72) **RIBEIRO, Carmo**; 430 Sumark Way, Ann Arbor, MI 48103 (US). **EGERER, Thomas**; 112 North Revena Boulevard, Ann Arbor, MI 48103 (US). **GAISER, Randall**; 13285 Oakridge Lane, Chelsea, MI 48118 (US).(74) **STEARNS, Robert, L.** et al. / etc.; Howard and Howard Attorneys, P.C., Suite 101, 39400 Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F02G 5/00

(11) WO 2004/044410 (13) A1

(21) PCT/US2003/028055

(22) 8 Sep/sep 2003 (08.09.2003)

(25) en (26) en

(30) 10/293,316 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PARALLEL VAPORIZED FUEL SYSTEM

• SYSTÈME PARALLELE DE CARBURANT VAPORISÉ

(71) **EMISSION CONTROLS CORPORATION** [US/US]; 3150 S.W. 42nd Avenue, Palm City, FL 34990 (US).(72) **SHETLEY, Michael**; Route 6, Box 845, Okeechobee, FL 34974 (US). **COOKE, Sydney**; P.O. Box 247, Ft. Pierce, FL 34950 (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 CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

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(s) for all designations / pour toutes les désignations

(51)⁷ F02M 1/08, F02N 11/08

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(21) PCT/US2003/034937

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/289,623 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTROMAGNETIC CHOKE SYSTEM FOR AN INTERNAL COMBUSTION ENGINE

• SYSTÈME DE VOLET DE DÉPART ELECTROMAGNETIQUE POUR UN MOTEUR À COMBUSTION INTERNE

(71) **BRIGGS & STRATTON CORPORATION** [US/US]; 12301 West Wirth Street, Wauwatosa, WI 53222 (US).(72) **THARMAN, Paul, A.**; N34 W23193 Circle Ridge Road #204, Pewaukee, WI 53072 (US). **SCHULTZ, Curtis, L.**; 262 W. Highland Drive, Grafton, WI 53024-2232 (US). **BLONSKI, Jeffrey, C.**; 6748 Lone Elm Drive, Racine, WI 53402 (US). **GUNTLY, Thomas, G.**; 940 East Monroe Avenue, Hartford, WI 53027 (US).(74) **LASKA, Casimir, F.**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Suite 3300, Milwaukee, WI 53202-4108 (US).

(81) CN CZ.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ F02M 25/07, F02B 37/007, 37/013

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(21) PCT/US2003/036065

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(25) en (26) en

(30) 60/425,933 13 Nov/nov 2002 US (13.11.2002)

(30) Not furnished / 13 Nov/nov 2003 US non communiqué (13.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DUAL AND HYBRID EGR SYSTEMS FOR USE WITH TURBOCHARGED ENGINE

• SYSTÈMES DE RECIRCULATION DES GAZ D'ÉCHAPPEMENT DOUBLES ET HYBRIDES UTILISÉS AVEC UN MOTEUR TURBOCOMPRESSÉ

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).(72) **BROOKSHIRE, Dennis**; 2160 Mark Circle, Bolling Brook, IL 60490 (US). **DON, Arnold, Steven**; 3351 Delune Drive, Rancho Palos Verdes, CA 90275 (US).(74) **HOIRIIS, David** et al. / etc.; Honeywell International Inc., P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F02M 25/08, F02P 5/15, F02D 31/00

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(21) PCT/DE2003/003272

(22) 1 Oct/oct 2003 (01.10.2003)

(25) de (26) de

(30) 102 52 826.8 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR CONTROLLING A REGENERATION VALVE OF A FUEL VAPOR RETENTION SYSTEM

• PROCÉDE D'ACTIONNEMENT D'UNE SOUPAPE DE RÉGÉNÉRATION D'UN SYSTÈME DE RETENUE DE VAPEUR DE CARBURANT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) **LUDWIG, Wolfgang** [DE/DE]; Hauptstr. 11, 35510 Butzbach-Ostheim (DE). **WIESE, Matthias** [DE/DE]; Kiesstr. 31, 60486 Frankfurt am Main (DE).(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F02M 45/08, 61/18

(11) WO 2004/044414 (13) A1

(21) PCT/DE2003/003561

(22) 27 Oct/oct 2003 (27.10.2003)

(25) de (26) de

(30) 102 52 660.5 11 Nov/nov 2002 DE (11.11.2002)

(30) 103 15 820.0 7 Apr/avr 2003 DE (07.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES

• SOUPAPE D'INJECTION DE CARBURANT POUR MOTEURS À COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) **KUEGLER, Thomas** [DE/DE]; Siebenmorgenstrasse 12, 70825 Korntal-Muenchingen (DE). **ÜSKÜDAR, Hasiman** [TR/TR]; İhsaniye mah. Nilüfer sok. No:6/6, 16130 Bursa (TR). **MERTENS, Jochen** [DE/DE]; Hofstattstr. 19, 72764 Reutlingen (DE).

(74) **ROBERT BOSCH GMBH**; Postfach 30 03 30, 70442 Stuttgart (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ **F02M 45/08, 61/12**

(11) **WO 2004/044415** (13) A1

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(25) de (26) de

(30) 102 52 660.5 **11 Nov/nov 2002 DE (11.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **FUEL INJECTION VALVE FOR INTERNAL COMBUSTION ENGINES**

• **SOUPAPE D'INJECTION DE CARBURANT POUR DES MOTEURS A COMBUSTION INTERNE**

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) **KUEGLER, Thomas** [DE/DE]; Siebenmorgenstrasse 12, 70825 Korntal-Muenchingen (DE).

(74) **ROBERT BOSCH GMBH**; Postfach 30 03 30, 70442 Stuttgart (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **F03B 13/14, 13/24**

(11) **WO 2004/044416** (13) A1

(21) PCT/EP2003/012743

(22) **14 Nov/nov 2003 (14.11.2003)**

(25) de (26) de

(30) 202 17 695.9 **14 Nov/nov 2002 DE (14.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PLANT FOR CONVERTING ENERGY OF WAVES AND SWELL**

• **CENTRALE DE CONVERSION DE L'ENERGIE DES VAGUES ET DE LA HOULE**

(71, 72) **SCHMID, Heinrich** [DE/DE]; Klafferhof 7, 94264 Langdorf (DE).

(74) **DTS München**; St.-Anna-Str. 15, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 3/06, 5/02**

(11) **WO 2004/044417** (13) A1

(21) PCT/RU2003/000486

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) ru (26) ru

(30) 2002130128 **10 Nov/nov 2002 RU (10.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

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• **AEROGENERATEUR**

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(71, 72) **DASHKOV, Alexandr Nikolaevich** [RU/RU]; ul. Korolenko, 35-b-42, Ussuriisk, Primorsky krai, 692524 (RU). **DOLGORUK, Vasily Mikhailovich** [RU/RU]; ul. Selskaya, 8-110, Vladivostok, 690087 (RU).

(74) **ERMOLINSKY, Andrey Gennadievich**; First Private Primorye's Patent Agency, Ltd., P.O. Box 35-94, Vladivostok, 690035 (RU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **F03D 5/02, 5/06, 11/04**

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(21) PCT/IT2003/000605

(22) **8 Oct/oct 2003 (08.10.2003)**

(25) it (26) en

(30) RM2002A000569 **13 Nov/nov 2002 IT (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **APPARATUS, PLANT AND METHOD FOR THE CONVERSION OF WIND OR**

WATER FLOW ENERGY INTO ELECTRICAL ENERGY

• **APPAREIL, INSTALLATION ET PROCEDE POUR LA CONVERSION D'ENERGIE EOLIENNE OU HYDRAULIQUE EN ENERGIE ELECTRIQUE**

(71, 72) **MIODUSHEVSKY, Pavel** [RU/IT]; Via Montebello 23/C, I-72100 Brindisi (IT).

(74) **PAPA, Elisabetta et al.** / etc.; Società Italiana Brevetti S.p.A., Piazza di Pietra 39, I-00186 Rome (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **F03D 11/00, H02G 13/00**

(11) **WO 2004/044419** (13) A1

(21) PCT/DK2003/000778

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) da (26) en

(30) PA 2002 01745 **12 Nov/nov 2002 DK (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **LIGHTNING PROTECTION OF A PITCH-CONTROLLED WIND TURBINE BLADE**

• **PROTECTION CONTRE LA FOUDRE D'UNE PALE D'EOLIENNE A PAS VARIABLE**

(71) **LM GLASFIBER A/S** [DK/DK]; Rolles Moellevej 1, DK-6640 Lunderskov (DK).
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(72, 75) **MØLLER LARSEN, Flemming** [DK/DK]; Finksvej 5, Stubbum, DK-6070 Christiansfeld (DK). **HANSEN, Lars, Bo** [DK/DK]; Sønderbyen 32, DK-6534 Ager-skov (DK).

(74) **CHAS. HUDE A/S**; H.C. Andersens Boulevard 33, DK-1780 Copenhagen V (DK).

(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 ES FI (Utility model / modèle d'utilité) FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR (Utility model / modèle d'utilité) KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ 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).

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(51)⁷ F03G 7/06

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(21) PCT/US2003/032145

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(25) en (26) en

(30) 60/424,741 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DYNAMIC MICRO-POSITIONER AND ALIGNER

• MICRO-POSITIONNEUR ET ALIGNEUR DYNAMIQUE

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(74) CAMERON, Michael, G. et al. / etc.; Jackson Walker, L.L.P., Suite 600, 2435 N. Central Expressway, Richardson, TX 75080 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F04B

(11) WO 2004/044421 (13) A2

(21) PCT/IL2003/000929

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/293,315 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLUID PUMPS WITH INCREASED PUMPING EFFICIENCY

• POMPES A FLUIDE AYANT UNE EFFICACITE DE POMPAGE AMELIOREE

(71) MNDE TECHNOLOGIES L.L.C. [US/US]; 14 Harvard Court, White Plains, NY 10605 (US).
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(72, 75) ZABAR, Nachum [IL/IL]; 6 Ravon Street, 55 900 Ganei Tikva (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 F04B 43/00, 43/08

(11) WO 2004/044422 (13) A1

(21) PCT/IL2003/000946

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 152866 14 Nov/nov 2002 IL (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR OPERATING A PERISTALTIC PUMP

• PROCEDE POUR LA MISE EN OEUVRE D'UNE POMPE PERISTALTIQUE

(71) Q-CORE LTD. [IL/IL]; "Beit Legav", 24 Ben Gurion Street, 52573 Ramat Gan (IL).
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(72, 75) BEN SHALOM, Zvi [IL/IL]; 10 Hasharon Street, 81514 Yavne (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 0226440.6 13 Nov/nov 2002 GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

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• TETE DE COMPRESSEUR

(71) Z & D LIMITED [GB/GB]; 1 Fursby Avenue, London N3 1PJ (GB).
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(74) ZHANG, Wei-Min; 1 Fursby Avenue, London N3 1PJ (GB).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SK TJ TM TR TT UA UG US UZ VN.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04B 43/09, 43/08

(11) WO 2004/044424 (13) A1

(21) PCT/IL2003/000947

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 152865 14 Nov/nov 2002 IL (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PERISTALTIC PUMP

• POMPE PERISTALTIQUE

(71) Q-CORE LTD. [IL/IL]; "Beit Legav", 24 Ben Gurion Street, 52573 Ramat Gan (IL).
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(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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04B 43/12

(11) WO 2004/044425 (13) A1

(21) PCT/EP2003/012214

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 202 17 483.2 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PERISTALTIC PUMP
• POMPE PERISTALTIQUE(71) ECOLAB INC. [US/US]; 370 Wabasha Street N., St. Paul, MN 55102-1390 (US).
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(72, 75) HUBER, Wolfgang [DE/DE]; Johannes-Weibhauser-Strasse 16, 83413 Friedolfing (DE). RUTZ, Klaus [DE/DE]; Siegsdorferstrasse 15, 83377 Vachendorf (DE). HEIDUCZEK, Ralf [DE/DE]; Klausweg 2a, 83483 Bischofswiesen (DE).

(74) DABRINGHAUS, Walter et al. / etc.; Rosa-Luxemburg-Strasse 18, 44141 Dortmund (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F04B 49/06, A61M 5/14

(11) WO 2004/044426 (13) A1

(21) PCT/JP2003/014110

(22) 5 Nov/nov 2003 (05.11.2003)

(25) ja (26) ja

(30) 2002-327445 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYRINGE PUMP
• POMPE A SERINGUE(71) KABUSHIKI KAISHA TOP [JP/JP]; 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOBAYASHI, Susumu [JP/JP]; c/o KABUSHIKI KAISHA TOP, 19-10, Senjunakai-cho, Adachi-ku, Tokyo 120-0035 (JP).

(74) SATO, Tatsuhiko et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(81) AU CA 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 F04B 53/00, 17/03, 1/04

(11) WO 2004/044427 (13) A1

(21) PCT/EP2003/012363

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 622.2 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOTOR-PUMP UNIT
• ENSEMBLE MOTEUR-POMPE(71) CONTINENTAL TEVES AG & CO. OHG [DE/DE]; Guerickestrasse 7, 60488 Frankfurt am Main (DE). DINKEL, Dieter [DE/DE]; Bahnstrasse 21, 65824 Schwalbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARTSCH, Thomas [DE/DE]; Seelbacher Grund 8, 65527 Niedernhausen (DE). MARTIN, Sven [DE/DE]; Kurpfalzring 88, 68723 Schwetzingen (DE). BRIESEWITZ, Rüdiger [DE/DE]; Habsburgerallee 85, 60385 Frankfurt/M (DE). NIESCHER, Axel [DE/DE]; Eschborner Landstrasse 55, 60489 Frankfurt/M (DE).

(74) CONTINENTAL TEVES AG & CO. OHG; Guerickestrasse 7, 60488 Frankfurt am Main (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT RO SE SK TR).

Published / Publiée : (c)

(51)⁷ F04C

(11) WO 2004/044428 (13) A2

(21) PCT/US2003/035851

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,777 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILTRATION VESSEL AND METHOD FOR ROTARY GAS COMPRESSOR SYSTEM
• CUVE DE FILTRATION ET PROCÉDE PERMETTANT D'OBTENIR UN SYSTÈME DE COMPRESSEUR A GAZ ROTATIF

(71) PERRY EQUIPMENT CORPORATION [US/US]; P.O. Box 640, Wolters Industrial Park, Mineral Wells, TX 76086 (US).

(72) BURNS, David, J.; 2901 Murco Drive, Mineral Wells, TX 76067 (US). KROGUE, John, A.; 800 Holly Hill Road, Mineral Wells, TX 76067 (US). BORJON, Tomas, I.; 5742 S. FM 113, Millsap, TX 76066 (US).

(74) GUNTER, Charles, D., Jr. et al. / etc.; Whitaker, Chalk, Swindle & Sawyer, LLP, 3500 City Center Tower II, 301 Commerce Street, Fort Worth, TX 76102-4186 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F04C 2/10

(11) WO 2004/044429 (13) A2

(21) PCT/DE2003/003746

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 102 52 966.3 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PUMP
• POMPE(71) LUK AUTOMOBILTECHNIK GMBH & CO. KG [DE/DE]; Industriestrasse 8, 42499 Hückeswagen (DE).
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(72, 75) OTTO, Dieter [DE/DE]; Holberg 105, 58256 Ennepetal (DE). PABST, Ulrich [DE/DE]; Jahnstrasse 7 b, 42477 Radevormwald (DE). RIBARIC, David [DE/DE]; Wermelskirchener Strasse 26, 51515 Kürten (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04C 2/10

(11) WO 2004/044430 (13) A1

(21) PCT/JP2003/013880

(22) 29 Oct/oct 2003 (29.10.2003)

(25) ja (26) ja

(30) 2002-314070 29 Oct/oct 2002 JP
(29.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTERNALLY MESHED OIL HYDRAULIC-PUMP ROTOR
• ROTOR DE POMPE HYDRAULIQUE A HUILE A ENGRENAGE INTERNE(71) MITSUBISHI MATERIALS CORPORATION [JP/JP]; 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8117 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOSONO, Katsuaki [JP/JP]; c/o Mitsubishi Materials Corporation, Niigata Plant, 1-1, Kogane-cho 3-chome, Niigata-shi, Niigata 950-8640 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) CN IN JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ F04C 29/00

(11) WO 2004/044431 (13) A2

(21) PCT/DE2003/003747

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 102 52 769.5 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VACUUM PUMP

• POMPE A VIDE

(71) LUK AUTOMOBILTECHNIK GMBH & CO. KG [DE/DE]; Industriestrasse 8, 42499 Hückeswagen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OTTO, Dieter [DE/DE]; Holberg 105, 58256 Ennepetal (DE). HILTEMANN, Ulrich [DE/DE]; Adolf-Föring-Strasse 11, 42929 Wermelskirchen (DE). MOJE, Andreas [DE/DE]; Dasselstrasse 13, 50674 Köln (DE). PACE, Antonio [DE/DE]; Stursberg I 46, 42899 Remscheid (DE). PABST, Ulrich [DE/DE]; Jahnstrasse 7 b, 42477 Radevormwald (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04C 29/02, F16C 17/00, 19/00

(11) WO 2004/044432 (13) A1

(21) PCT/KR2003/001497

(22) 25 Jul/juil 2003 (25.07.2003)

(25) en (26) en

(30) 10-2002-0069750 11 Nov/nov 2002 KR (11.11.2002)

(30) 10-2002-0076343 3 Dec/déc 2002 KR (03.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPRESSOR

• COMPRESSEUR

(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, Young-Jong [KR/KR]; Ildong Hanshin Apt., 102-601, Oe-Dong, Gimhae, Gyeongsangnam-Do 621-090 (KR). AHN, Byung-Ha [KR/KR]; Samjung Green Core Apt., 110-603, Sajik 2-Dong, Dongrae-Gu, Busan 607-122 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F04D 29/04, 13/06

(11) WO 2004/044433 (13) A1

(21) PCT/EP2003/012152

(22) 31 Oct/oct 2003 (31.10.2003)

(25) de (26) de

(30) 102 51 463.1 5 Nov/nov 2002 DE (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRICALLY DRIVEN PUMP

• POMPE A ENTRAINEMENT ELECTRIQUE

(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) KALAVSKY, Michal [SK/SK]; Zombova 31, 04011 Kosice (SK).

(74) BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH; Carl-Wery-Str. 34, 81739 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : CN EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(51)⁷ F04D 29/04, 13/06

(11) WO 2004/044434 (13) A1

(21) PCT/EP2003/012155

(22) 31 Oct/oct 2003 (31.10.2003)

(25) de (26) de

(30) 102 51 461.5 5 Nov/nov 2002 DE (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRICALLY DRIVEN PUMP

• POMPE A ENTRAINEMENT ELECTRIQUE

(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) KALAVSKY, Michal [SK/SK]; Zombova 31, 04011 Kosice (SK).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F04F 9/00

(11) WO 2004/044435 (13) A1

(21) PCT/US2003/035214

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/290,866 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VAPOR JET VACUUM PUMP HAVING EJECTOR STAGE IN FORELINE CONDUIT

• POMPE A VAPEUR COMPRENANT UN ETAGE EJECTEUR DANS CONDUIT DE PREVIDE

(71) VARIAN, INC. [US/US]; 3120 Hansen Way, D-102, Palo Alto, CA 93404 (US).

(72) HABLANIAN, Marsbed; 42 Longfellow Road, Wellesley, MA 02481 (US).

(74) FISHMAN, Bella et al. / etc.; Varian, Inc., Legal Department, 3120 Hansen Way, D102, Palo Alto, CA 93404 (US).

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ F15B 9/12

(11) WO 2004/044436 (13) A1

(21) PCT/US2003/035098

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/289,886 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRO-HYDRAULIC ACTUATOR WITH MECHANICAL SERVO POSITION FEEDBACK

• ACTIONNEUR ELECTRO-HYDRAULIQUE A RETOUR DE POSITION D'ASSERVISSEMENT MECANIQUE

(71) HONEYWELL INTERNATIONAL, INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) DEMERS, Dennis, G.; 15345 Whispering Oak Drive, Mishawaka, IN 46545 (US).

(74) HOIRIIS, David et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F15B 15/14, 20/00, 21/04

(11) WO 2004/044437 (13) A1

(21) PCT/NO2003/000380

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 20025408 12 Nov/nov 2002 NO (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DRAINING OF OIL LEAK IN A HYDRAULIC CYLINDER

• DRAINAGE D'UNE FUITE D'HUILE DANS UN CYLINDRE HYDRAULIQUE

(71) NATIONAL OILWELL NORWAY AS [NO/NO]; P.O. Box 8181, N-4069 Stavanger (NO).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOE, Magne, Mathias [NO/NO]; Osen 13, N-9414 Harstad (NO).

(74) HÅMSØ PATENTBYRÅ ANS; P.O. Box 171, N-4302 Sandnes (NO).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR 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).

(51)⁷ F15B 21/04, B01D 61/36

(11) WO 2004/044438 (13) A2

(21) PCT/EP2003/012388

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 148.4 9 Nov/nov 2002 DE (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEHYDRATION OF HYDRAULIC FLUID BY PERVERAPORATION AT BLOWING

• DESHYDRATATION D'UN FLUIDE HYDRAULIQUE PAR PERVERAPORATION SOUS BALAYAGE

(71) DAIMLERCHRYSLER AG [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE). AIRBUS DEUTSCHLAND GMBH [DE/DE]; Kreetlag 10, 21129 Hamburg (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) JEHLE, Walter [DE/DE]; Wolketsweiler 604, 88263 Horgenzell (DE). LAUDE, Jürgen [DE/DE]; Alte Heerstrasse 35, 28259 Bremen (DE).

(74) BERGEN-BABINECZ et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, IPM-C106, 70546 Stuttgart (DE).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F16B 2/06, 7/04, 12/32, 12/40, F16L 19/06, 19/065, 33/207, 33/32

(11) WO 2004/044439 (13) A1

(21) PCT/AU2003/001503

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 2002952668 14 Nov/nov 2002 AU (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ATTACHMENT ASSEMBLY FOR FURNITURE

• ENSEMBLE DE FIXATION POUR MEUBLES

(71) SCHIAVELLO (VIC) PTY LTD [AU/AU]; 32 Tullamarine Park Road, Tullamarine, Victoria 3043 (AU).

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(72, 75) SLATTERY, Phillip, Henry [AU/AU]; 4 Carol Court, Warrandyte, Victoria 3113 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 37/04, B25B 13/02

(11) WO 2004/044440 (13) A1

(21) PCT/NL2003/000736

(22) 29 Oct/oct 2003 (29.10.2003)

(25) nl (26) en

(30) 1021893 11 Nov/nov 2002 NL (11.11.2002)

(30) 1022190 18 Dec/déc 2002 NL (18.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ASSEMBLY OF A NUT BODY IN A PROFILED-SECTION ELEMENT

• ENSEMBLE COMPRENANT UN ELEMENT A SECTION PROFILEE DANS LEQUEL EST FORME UN CORPS D'ECROU

(71) J. VAN WALRAVEN B.V. [NL/NL]; Industrieweg 5, NL-3641 RK Mijdrecht (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN WALRAVEN, Jan [NL/NL]; 6, Prins Bernhardlaan, NL-3641 GP Mijdrecht (NL).

(74) HOUBEN, C., W., H., F.; Exter Polak & Charlouis B.V., P.O.Box 3241, NL-2280 GE Rijswijk (NL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F16C

(11) WO 2004/044441 (13) A2

(21) PCT/US2003/035896

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,259 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTINUOUSLY VARIABLE TRANSMISSION
• TRANSMISSION VARIABLE EN CONTINU

(71, 72) SEMMES, Jeffrey, T. [US/US]; 1257 South Ward Pkwy., Haysville, KS 67060 (US).

(74) JACK, Kenneth, H.; 2121 W. Maple, Wichita, KS 67213 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F16C 1/24

(11) WO 2004/044442 (13) A1

(21) PCT/US2003/034829

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/288,191 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WIRE WOUND FLEXIBLE SHAFT HAVING EXTENDED FATIGUE LIFE AND METHOD FOR MANUFACTURING THE SAME

• ARBRE FLEXIBLE DE FILS ENROULES A DUREE DE VIE EN FATIGUE ACCRUE ET SON PROCEDE DE FABRICATION

(71) S.S. WHITE TECHNOLOGIES INC. [US/US]; 151 Old New Brunswick Road, Piscataway, NJ 08854 (US).

(72) SCHWARTZ, Richard, J.; 9 Brian Drive, Bridgewater, NJ 08807 (US).

(74) LESSLER, Arthur, L.; Lessler & Lessler, 540 Old Bridge Turnpike, South River, NJ 08882 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :
(u) for / pour US only / seulement(51)⁷ F16C 3/04

(11) WO 2004/044443 (13) A1

(21) PCT/US2003/020228

(22) 30 Jun/juin 2003 (30.06.2003)

(25) en (26) en

(30) 10/293,844 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WRIST PIN
• AXE DE PISTON

(71) FEDERAL-MODUL CORPORATION [US/US]; 26555 Northwestern Highway, Southfield, MI 48034 (US).

(72) GAISER, Randall, R.; 13285 Oakridge Lane, Chelsea, MI 48118 (US). RIBEIRO, Carmo; 430 Sumark Way, Ann Arbor, MI 48108 (US).

(74) STEARNS, Robert, L. et al. / etc.; Howard & Howard Attorneys, P.C., 39400 Woodward Avenue, Suite 101, Bloomfield, MI 48304 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16C 33/58, 33/64, 29/06, F16H 25/22, B24B 5/04

(11) WO 2004/044444 (13) A1

(21) PCT/JP2003/014253

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-326800 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOVEMENT GUIDE DEVICE, BALL SCREW, AND METHOD OF PRODUCING BALL RACEWAY GROOVE

• DISPOSITIF DE GUIDAGE DE MOUVEMENT, VIS A BILLES ET REALISATION D'UN CHEMIN DE ROULEMENT POUR BILLES

(71) THK CO., LTD. [JP/JP]; 11-6, Nishi-gotanda 3-chome, Shinagawa-ku, Tokyo 141-0031 (JP).

(72) SHIRAI, Takeki; c/o THK Co., Ltd., 11-6, Nishi-gotanda 3-chome, Shinagawa-ku,

Tokyo 141-0031 (JP). TACHIKAKE, Yu-
uji; 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, Mi-
nato-ku, Tokyo 105-0014 (JP).

(81) DE.

(51)⁷ F16D

(11) WO 2004/044445 (13) A2

(21) PCT/US2003/036245

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,044 13 Nov/nov 2002 US
(13.11.2002)(30) 60/467,993 5 May/mai 2003 US
(05.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRO-MECHANICAL ACTUATOR
FOR AN ELECTRICALLY ACTUATED
PARKING BRAKE• ACTIONNEUR ELECTROMECA-
NIQUE POUR FREIN DE STATION-
NEMENT ELECTRIQUE(71) STONERIDGE CONTROL DEVICES,
INC. [US/US]; 300 Dan Road, Canton, MA
02021 (US).(72) FARMER, William,; c/o Stoneridge Con-
trol Devices, Inc., 300 Dan Road, Canton,
MA 02021 (US). KINNEAR, Gary; c/o
Stoneridge Control Devices, Inc., 300 Dan
Road, Canton, MA 02021 (US). SCHRE-
GARDUS, Thomas P.; 25 Fairmont Ave-
nue, Somerville, MA 02144 (US). YANI-
SHEVSKY, Yuly; c/o Stoneridge Control
Device, Inc., 300 Dan Road, Canton, MA
02021 (US).(74) PERREAULT, Donald J., et al. / etc.;
Grossman, Tucker, Perreault & Pfleger,
LLC, 55 South Commercial Street, Man-
chester, NH 03101 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT 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 F16D 3/84

(11) WO 2004/044446 (13) A1

(21) PCT/DE2003/003722

(22) 7 Nov/nov 2003 (07.11.2003)

(25) de (26) de

(30) 102 53 059.9 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROTECTIVE BOOT

• SOUFFLET DE PROTECTION

(71) JENOPIK AUTOMATISIERUNG-STECHNIK GMBH [DE/DE]; Konrad-Zuse-Strasse 6, 07745 Jena (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WITTENBECHER, Wolfgang [DE/DE]; Röttelmisch Nr. 33, 07768 Gumperda (DE).

(74) SCHALLER, Renate et al. / etc.; Oehmke & Kollegen, Neugasse 13, 07743 Jena (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ F16D 23/12

(11) WO 2004/044447 (13) A1

(21) PCT/EP2003/012274

(22) 4 Nov/nov 2003 (04.11.2003)

(25) de (26) de

(30) 102 52 569.2 12 Nov/nov 2002 DE (12.11.2002)

(30) 103 16 793.5 11 Apr/avr 2003 DE (11.04.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENGAGING SYSTEM FOR A FRICTION CLUTCH

• SYSTEME D'ENGAGEMENT POUR EMBRAYAGE A FRICTION

(71) ZF SACHS AG [DE/DE]; Ernst-Sachs-Strasse 62, 97424 Schweinfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) EBERT, Angelika [DE/DE]; Rossbrunnstr. 18, 97421 Schweinfurt (DE). MÜLLER, Ingo [DE/DE]; Hermann-Loens-Str. 26, 97421 Schweinfurt (DE). WIRTH, Thomas [DE/DE]; Goethestr. 11, 97523 Schwanfeld (DE). REISSER, Wolfgang [DE/DE]; Hermann-Loens-Str. 30, 97526 Sennfeld (DE). MÜLLER, Matthias [DE/DE]; Gernacher Weg 7, 97520 Röhlein (DE).

(74) ZF SACHS AG; Ernst-Sachs-Strasse 62, 97424 Schweinfurt (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 F16D 27/00

(11) WO 2004/044448 (13) A1

(21) PCT/EP2003/012318

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) 102 52 570.6 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CLUTCH SYSTEM, IN PARTICULAR FOR MOTOR VEHICLES, COMPRISING AT LEAST ONE FRICTION CLUTCH AND ONE OPERATING DEVICE

• SYSTEME D'EMBRAYAGE, NOTAMMENT POUR AUTOMOBILES, COMPRENANT AU MOINS UN EMBRAYAGE A FRICTION ET UN SYSTEME DE COMMANDE

(71) ZF SACHS AG [DE/DE]; Ernst-Sachs-Strasse 62, 97424 Schweinfurt (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DÖRFLER, Matthias [DE/DE]; Krumme Gasse 8, 97453 Schonungen (DE).

(74) ZF SACHS AG; Ernst-Sachs-Strasse 62, 97424 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16D 41/07, 41/12, 41/30, 43/02

(11) WO 2004/044449 (13) A1

(21) PCT/NZ2003/000251

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 522552 11 Nov/nov 2002 NZ (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVEMENTS IN ONE-WAY CLUTCHES

• EMBRAYAGES A ROUE LIBRE ET EMBRAYAGES A ROUE LIBRE REVERSIBLES

(71, 72) JEGATHEESON, Muthuvetpillai [NZ/NZ]; 1/116 Campbell Road, One Tree Hill, 1003 Auckland (NZ).

(74) ENSOR, Donald, Rivers; ENSOR and ASSOCIATES, 111 Western Springs Road, Mt Albert, 1002 Auckland (NZ).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ F16F 7/12

(11) WO 2004/044450 (13) A1

(21) PCT/GB2003/004870

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0226611.2 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REUSABLE ENERGY DISSIPATION DEVICE

• DISSIPATEUR D'ENERGIE REUTILISABLE

(71) THE UNIVERSITY OF BATH [GB/GB]; Claverton Down, Bath BA2 7AY (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OSMAN, Fayek [GB/GB]; Department of Mechanical Engineering, University of Bath, Claverton Down, Bath BA2 7AY (GB).

(74) BRADFORD, Victoria, Sophie 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16F 15/131, F16D 3/04, 3/72

(11) WO 2004/044451 (13) A1

(21) PCT/DE2003/003701

(22) 8 Nov/nov 2003 (08.11.2003)

(25) de (26) de

(30) 102 52 965.5 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR COUPLING TWO SHAFTS

• DISPOSITIF POUR ACCOUPLER DEUX ARBRES

(71) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWEDERLE, Philippe [FR/FR]; Rue Sebastopol 8, 67000 Strasbourg (FR). JÄCKEL, Johann [DE/DE]; Sonnenhang 16A, 77830 Bühlertal (DE). IWANOV, Ivelin [DE/DE]; Bürg-Math-Kraussstrasse 22, 77694 Kehl (DE).

(74) LUK LAMELLEN UND KUPPLUNGS-BAU BETEILIGUNGS KG; Industries-trasse 3, 77815 Bühl (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16F 15/26

(11) WO 2004/044452 (13) A2

(21) PCT/AT2003/000340

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) GM 764/2002 12 Nov/nov 2002 AT (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BALANCE SHAFT FOR A RECIPROCATING PISTON ENGINE

• ARBRE DE COMPENSATION POUR MOTEURS A PISTON ALTERNATIF

(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) FRIEDRICH, Christian [AT/AT]; Grillparzerstrasse 43, A-8010 Graz (AT).

(74) KOVAC, Werner; Magna Steyr Fahrzeugtechnik AG & CO KG, Patentabteilung VI, Liebenauer Hauptstrasse 317, A-8041 Graz (AT).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F16G 15/04, 13/08

(11) WO 2004/044453 (13) A1

(21) PCT/US2002/035422

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVED SECURITY CHAIN

• CHAÎNE DE SECURITE AMELIOREE

(71, 72) VITO, Robert, A. [US/US]; 1434 Sugar-town Road, Berwyn, PA 19312 (US).

(74) GARCIA-ZAMOR, Ruy, M. et al. / etc.; Volpe and Koenig, P.C., Suite 400, One Penn Center, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ F16H

(11) WO 2004/044454 (13) A2

(21) PCT/US2003/034361

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/289,828 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTINUOUSLY VARIABLE MECHANICAL TRANSMISSION

• TRANSMISSION MECANIQUE A RAPPORTS VARIABLES DE FAÇON CONTINUE

(71) TRANSREVOLUTION, INC. [US/US]; P.O. Box 17181, Salt Lake City, UT 84117 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PARK, Bret, J. [US/US]; 11179 South Ivy Creek Cove, South Jordan, UT 84095 (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 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 F16H 1/28, 1/32

(11) WO 2004/044455 (13) A1

(21) PCT/EP2003/012048

(22) 30 Oct/oct 2003 (30.10.2003)

(25) de (26) de

(30) 202 16 796.8 30 Oct/oct 2002 DE (30.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTROMECHANICAL DRIVE

• ENTRAÎNEMENT ELECTROMECHANIQUE

(71) GEARCON GMBH [DE/DE]; Montfortweg 9, 72070 Tübingen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAYSETTE-RASMUSSEN, Frank [DK/DK]; Dosserringen 26, DK-5300 Kerteminde (DK). BREUNINGER, Steffen [DE/DE]; Montfortweg 9, 72070 Tübingen (DE).

(74) GLEISS, Alf-Olav et al. / etc.; Leitzstrasse 45, 70469 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 3/72, B60K 6/04

(11) WO 2004/044456 (13) A1

(21) PCT/FR2003/003317

(22) 6 Nov/nov 2003 (06.11.2003)

(25) fr (26) fr

(30) 02/14040 8 Nov/nov 2002 FR
(08.11.2002)(30) 02/14041 8 Nov/nov 2002 FR
(08.11.2002)(30) 02/14241 14 Nov/nov 2002 FR
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INFINITELY VARIABLE TRANSMISSION WITH POWER BRANCHING, WITH ELECTRIC SELECTOR

• TRANSMISSION INFINIMENT VARIABLE A DERIVATION DE PUISSANCE, A VARIATEUR ELECTRIQUE

(71) RENAULT S.A.S. [FR/FR]; 13-15, quai Alphonse le Gallo, F-92100 Boulogne-Billancourt (FR).

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(72, 75) KEFTI-CHERIF, Ahmed [FR/FR]; 9, résidence des Nouveaux Horizons, F-78990 Elancourt (FR). PICARD, Marc [FR/FR]; 8bis, rue Racine, F-92500 Rueil Malmaison (FR). BUANNEC, Michel [FR/FR]; 5, allée du Bois de Justice, F-78480 Verneuil sur Seine (FR). CHANSON, Sébastien [FR/FR]; 74, avenue Gabriel Péri, F-92260 Fontenay aux Roses (FR).

(74) ROUGEMONT, Bernard; Renault Technocentre, SCE 0267 - TCR GRA 1 55, 1, avenue du Golf, F-78288 Guyancourt (FR).

(81) JP KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ F16H 9/18

(11) WO 2004/044457 (13) A1

(21) PCT/JP2003/007238

(22) 6 Jun/juin 2003 (06.06.2003)

(25) ja (26) ja

(30) 2002-327181 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • V-BELT TYPE VARIABLE SPEED DRIVE

• ENTRAÎNEMENT A VITESSE VARIABLE A COURROIE TRAPEZOIDALE

(71) YAMAHA HATSUDOKI KABUSHIKI KAISHA [JP/JP]; 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIDA, Yousuke [JP/JP]; c/o YAMAHA HATSUDOKI KABUSHIKI KAISHA, 2500, Shingai, Iwata-shi, Shizuoka 438-8501 (JP).

(74) SHIMOICHI, Tsutomu; 19-23-715, Utsuhonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/20

(11) WO 2004/044458 (13) A2

(21) PCT/FR2003/003326

(22) 6 Nov/nov 2003 (06.11.2003)

(25) fr (26) fr

(30) 02/13968 6 Nov/nov 2002 FR
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CYCLE PEDAL

• PEDALE DE CYCLE

(71, 72) GARNIER, Michel [FR/LU]; 15, rue Kremerich, L-6133 Junglinster (LU).

(74) GUIU, Claude; Cabinet Claude Guiu, 10, rue Paul Thénard, F-21000 Dijon (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F16H 21/54, F16D 23/12

(11) WO 2004/044459 (13) A1

(21) PCT/EP2003/012633

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) TO2002A000985 13 Nov/nov 2002 IT
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A SHORT-STROKE LINEAR ELECTROMECHANICAL ACTUATOR

• ACTIONNEUR ELECTROMECHANIQUE LINEAIRE A COURSE COURTE

(71) AKTIEBOLAGET SKF [SE/SE]; S-415 50 Göteborg (SE).

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(72, 75) GEYER, Andreas [DE/IT]; Via Cardonata, 34, I-10060 San Secondo Di Pinerolo (IT). DE CRISTOFARO, Alessandro

[IT/IT]; Via Piacenza, 6/H, I-10127 Torino (IT).

(74) FIORAVANTI, Corrado et al. / etc.; Jacobacci & Partners S.p.A., Corso Regio Parco, 27, I-10152 Torino (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ F16H 29/08, A01C 19/00

(11) WO 2004/044460 (13) A1

(21) PCT/IT2002/000716

(22) 11 Nov/nov 2002 (11.11.2002)

(25) it (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • A GEARBOX, PARTICULARLY FOR TRANSMISSION SYSTEMS IN DEVICES FOR METERING GRANULAR MATERIALS

• BOITE DE VITESSES, EN PARTICULIER POUR SYSTEMES DE TRANSMISSION DANS DES DISPOSITIFS DE MESURAGE DE MATERIAUX GRANULAIRES

(71) GASPARDO SEMINATRICI S.p.A. [IT/IT]; Via Mussons, 7, I-33075 Morsano Al Tagliamento (IT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PLEYER, Peter [DE/DE]; Bienenweg, 1, 49152 Bad Essen (DE).

(74) FABRIS, Stefano; Cantaluppi & Partners S.r.l., Via Matteotti, 26, I-35137 Padova (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(r) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F16H 55/18

(11) WO 2004/044461 (13) A1

(21) PCT/US2003/035189

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/290,653 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTI-BACKLASH METHOD AND SYSTEM FOR MULTIPLE MESH GEAR TRAIN
• PROCEDE ET SYSTEME DE RATTRA-PAGE DE JEU POUR TRAIN D'ENGRENAGES COMPORTANT PLUSIEURS ENGRENEMENTS

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) STEVENS, Carlos, J.; 9130 West Camino De Oro, Peoria, AZ 85382 (US). WINKEL, Robert, E.; 5740 North 11th Street, Phoenix, AZ 85014 (US).

(74) DAVID, Hoiriis; Honeywell International Inc., 101 Columbia Road, P.O.Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL 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 F16H 61/16, 61/02

(11) WO 2004/044462 (13) A1

(21) PCT/EP2003/012371

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 429.7 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRO-PNEUMATIC SWITCHING UNIT
• UNITÉ ÉLECTRO-PNEUMATIQUE DE CHANGEMENT DE VITESSE

(71) ZF FRIEDRICHSHAFEN AG [DE/DE]; 88038 Freidrichshafen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FISCHER, Dieter [DE/DE]; Im Ängerle 9, 88149 Nonnenhorn (DE).

(74) ZF FRIEDRICHSHAFEN AG; 88038 Freidrichshafen (DE).

(81) BR CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ F16J 15/10, F16F 15/08

(11) WO 2004/044463 (13) A1

(21) PCT/JP2003/007867

(22) 20 Jun/juin 2003 (20.06.2003)

(25) ja (26) ja

(30) 2002-327771 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RUBBER-LIKE ELASTIC PART
• PARTIE ELASTIQUE DE TYPE CAOUTCHOUC

(71) NOK CORPORATION [JP/JP]; 12-15, Shibadaimon 1-chome, Minato-ku, Tokyo 105-8585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEKI, Shota [JP/JP]; c/o NOK Corporation, 4-3-1, Tsujido-shinmachi, Fujisawa-shi, Kanagawa 251-0042 (JP). KISHIMOTO, Masayuki [JP/JP]; c/o NOK Corporation, 4-3-1, Tsujido-shinmachi, Fujisawa-shi, Kanagawa 251-0042 (JP).

(74) NOMOTO, Yoichi; Terao-Building 7th Floor, 8-4, Nishi-Shinbashi 2-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AU BA BB BR BZ CA CN CO CR CU DM DZ EC GD GE HR ID IL IN IS KR LC LK LR LT LV MA MG MK MN MX NI NO NZ OM PG PH PL RO SC SG TN TT UA US UZ VC VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16J 15/16

(11) WO 2004/044464 (13) A1

(21) PCT/JP2003/014313

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-327466 11 Nov/nov 2002 JP (11.11.2002)

(30) 2002-327467 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GASKET AND SYRINGE
• JOINT ET SERINGUE

(71) TERUMO KABUSHIKI KAISHA [JP/JP]; 44-1, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TACHIKAWA, Kouichi [JP/JP]; c/o Terumo kabushiki kaisha, 1727-1, Tsuiji-Arai, Shouwa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP). YUNOKI, Hiroyuki [JP/JP]; c/o Terumo kabushiki kaisha, 1727-1, Tsuiji-Arai, Shouwa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP). KOYAMA, Shingo [JP/JP]; c/o Terumo kabushiki kaisha, 1727-1, Tsuiji-Arai, Shouwa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP). KASAI, Masaaki [JP/JP]; c/o Terumo kabushiki kaisha, 818, Misonodaira, Fujinomiya-shi, Shizuoka 418-0004 (JP).

(74) WATANABE, Mochitoshi et al. / etc.; Hayakawa-tonakai Bldg. 3F, 12-5, Iwamoto-cho 2-chome, Chiyoda-ku, Tokyo 101-0032 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16J 15/16, 15/22, H02K 5/10

(11) WO 2004/044465 (13) A1

(21) PCT/JP2003/014481

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-329168 13 Nov/nov 2002 JP (13.11.2002)

(30) 2003-058273 5 Mar/mar 2003 JP (05.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOTOR GENERATOR
• MOTEUR-GENERATEUR

(71) KABUSHIKI KAISHA TOSHIBA [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

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(72, 75) HASHIBA, Yutaka [JP/JP]; c/o Intellectual Property division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). MIKAMI, Makoto [JP/JP]; c/o Intellectual Property division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). HAYASHI, Takeshi [JP/JP]; c/o Intellectual Property division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

KAZAO, Yukihiko [JP/JP]; c/o Intellectual Property division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). SAITO, Ikuo [JP/JP]; c/o Intellectual Property division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). SHIOMI, Hidekazu [JP/JP]; c/o Intellectual Property division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). TANIYAMA, Yoshihiro [JP/JP]; c/o Intellectual Property division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). KABATA, Yasuo [JP/JP]; c/o Intellectual Property division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F16K 11/10, F04D 27/02, F16K 11/044, 17/04

(11) WO 2004/044466 (13) A1

(21) PCT/GB2003/004914

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 0226349.9 12 Nov/nov 2002 GB (12.11.2002)

(30) 0323182.6 3 Oct/oct 2003 GB (03.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VALVE

• SOUPAPE

(71) DUNLOP AEROSPACE LIMITED [GB/GB]; Holbrook Lane, Coventry, West Midlands CV6 4AA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TEBBY, Stephen, Walker [GB/GB]; 8 St Mary's Close, Southam, Warwickshire CV47 1EW (GB).

(74) SHAW, Laurence; Laurence Shaw & Associates, Metropolitan House, 1 Hagley Road, Edgbaston, Birmingham B16 8TG (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16K 31/06

(11) WO 2004/044467 (13) A1

(21) PCT/EP2003/012209

(22) 3 Nov/nov 2003 (03.11.2003)

(25) de (26) de

(30) 102 52 431.9 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTROMAGNETIC HYDRAULIC VALVE, PARTICULARLY 3/2-WAY PILOT VALVE FOR CONTROLLING A VARIABLE VALVE DRIVE OF AN INTERNAL COMBUSTION ENGINE

• ELECTROVANNE HYDRAULIQUE, NOTAMMENT DISTRIBUTEUR 3/2, POUR LA COMMANDE D'UNE DISTRIBUTION VARIABLE D'UN MOTEUR A COMBUSTION INTERNE

(71) INA SCHAEFFLER KG [DE/DE]; Industriestr. 1-3, 91074 Herzogenaurach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAGNER, Werner [DE/DE]; Grosse Wiese 2, 96114 Hirschaid (DE). BRAUN, Armin [DE/DE]; Schulstrasse 7, 96146 Altdorf (DE).

(74) INA SCHAEFFLER KG; Industriestr. 1-3, 91074 Herzogenaurach (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F16K 31/06

(11) WO 2004/044468 (13) A1

(21) PCT/IB2003/000709

(22) 26 Feb/fév 2003 (26.02.2003)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROPORTIONAL SOLENOID-CONTROLLED FLUID VALVE HAVING COMPACT PRESSURE-BALANCING ARMATURE-POPPET ASSEMBLY

• SOUPAPE PROPORTIONNELLE POUR FLUIDE, COMMANDEE PAR UN SOLENOIDE, PRESENTANT UN ENSEMBLE D'EQUILIBRAGE DE PRESSION COMPACT A CLAPET ET INDUIT

(71) TEKNOCRAFT, INC. [US/US]; 425 West Drive, West Melbourne, FL 32904 (US).

(72) KUMAR, Viraraghavan, S.; 107 Nemo Circle, N.E., Palm Bay, FL 32907 (US).

(74) FUIERER, Alana, M.; The Bilicki Law Firm, P.C., Furniture Mart Building, Suite 1000, 111 West Second Street, Jamestown, NY 14701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c), (f)

(51)⁷ F16L

(11) WO 2004/044469 (13) A2

(21) PCT/IB2003/005972

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,174 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COLLAPSIBLE FLEXIBLE PIPE AND METHOD OF MANUFACTURING SAME

• TUYAU FLEXIBLE DEFORMABLE ET PROCEDE PERMETTANT DE PRODUIRE CE TUYAU

(71) WELLSTREAM INTERNATIONAL LIMITED [GB/GB]; Wellstream House, Wincomblee Road, Walker Riverside, Newcastle-Upon-Tyne, NE6 3PF (GB).

(72) BENNETT, Peter, George; 1 Gorseway, Kirkhill, Morpeth, Northumberland NE61 2XR (GB). TUOHY, Justin; 51 Hackwood Park, Hexham, Northumberland NE46 1AZ (GB).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L

(11) WO 2004/044470 (13) A2

(21) PCT/US2003/035412

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,674 7 Nov/nov 2002 US (07.11.2002)

(30) 10/703,861 6 Nov/nov 2003 US (06.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PIPELINE TRENCH SYSTEM AND METHOD OF CONSTRUCTION

• SYSTEME DE CANIVEAU DE PIPELINE ET PROCEDE DE CONSTRUCTION

(71) **LONGHORN PARTNERS PIPELINE**, L.P. [US/US]; 1801 North Lamar, Suite 100, Dallas, TX 75202 (US).

(72) **BOSE, Jon**; 430 Old 36 Road, Bellville, TX 77418 (US). **HARRIS, Orville, D.**; 1826 Sea Breeze Court, Missouri City, TX 77459 (US). **SHERROD, Lee, C.**; 8600 W. Fitzhugh Rd., Dripping Springs, TX 78620 (US). **WOLFF, Alan, W.**; 5835 Back Bay Lane, Austin, TX 78739 (US). **BEACH, James**; 104 Deer Creek Circle, Dripping Springs, TX 78620 (US). **KREITLER, Charles**; 8 North Peak Road, Austin, TX 78746 (US). **MEYER, Charles**; 1209 South Main Street, Giddings, TX 78942 (US). **MURCHISON, William, V.**; 6311 Vickery Blvd., Dallas, TX 75214 (US). **SWEARINGEN, Mike**; 6915 Williams Drive, Georgetown, TX 78628 (US). **APPLEGATH, James**; P.O. Box 19485, Houston, TX 77224 (US). **MARTIN, Don**; 3345 Bee Caves Road, Suite 212, Austin, TX 78746 (US). **SALINAS, Trey**; 3345 Bee Caves Road, Suite 212, Austin, TX 78746 (US). **GERDING, Mark, S.**; 10777 Clay Road, Houston, TX 77041 (US). **STEWART, David, C.**; One Williams Center, MD27-2, Tulsa, OK 74121 (US).

(74) **MOORE, Stanley, R.**; Jenkins & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 F16L 3/22

(11) WO 2004/044471 (13) A1

(21) PCT/GB2003/004879

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226542.9 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HOOKS

• CROCHETS

(71, 72) **ROBINSON, Daniel, James** [GB/GB]; 59 Kilbury Drive, Worcester, WR5 2NG (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 11/133, 11/08

(11) WO 2004/044472 (13) A1

(21) PCT/GB2003/004932

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0226271.5 11 Nov/nov 2002 GB (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVEMENTS RELATING TO HOSE

• AMELIORATIONS APORTEES A UN TUYAU

(71) **BHP BILLITON PETROLEUM PTY LTD** [AU/AU]; 600 Bourke Street, Melbourne, VIC 3000 (AU).
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(72, 75) **BURKE, Raymond, Nicholas** [IE/NL]; Van Voorschotenlaan 3, Benoordenhout, NL-2597 PA Den Haag (NL). **DAVIS, Eric, Joseph** [GB/GB]; 16 Foxcover Road, Heswall, Wirral, Merseyside CH60 1YB (GB). **HALL, Gerard, Anthony** [GB/GB]; 11 Coombe Park, Little Sutton, Cheshire CH66 1TG (GB). **RIDOLFI, Matthew, Vernon** [AU/AU]; 47B Milton Street, Elwood, Melbourne, VIC 3184 (AU). **THORP, Simon, Peter, Alexander** [GB/GB]; 43 Woodside Lane, Woodside Park, London N12 8RE (GB). **WITZ, Joel, Aron** [GB/GB]; Mile Oak New Barn Lane, Newdigate, Surrey RH5 5DS (GB). **COX, David, Charles** [GB/GB]; 34 Wiltshire Road, Thornton Heath, Surrey CR7 7QN (GB). **SMITH, Richard, James, Anthony** [GB/GB]; Flat 5, 132 Blythe Road, Brook Green, London W14 0HD (GB). **WORT, Anthony, James** [GB/GB]; 36 Upper Path, Loughton, Essex IG10 4EQ (GB).

(74) **CURTIS, Philip, Anthony 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 15/00

(11) WO 2004/044473 (13) A1

(21) PCT/GB2003/004423

(22) 13 Oct/oct 2003 (13.10.2003)

(25) en (26) en

(30) 10/292,072 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXTERNAL REFACING INDICATOR FOR A TOOL JOINT

• INDICATEUR DE RESURFAÇAGE EXTERNE POUR RACCORD DE TIGE

(71) **GRANT PRIDECO LP** [US/US]; 1330 Post Oak Blvd, Suite 2700, Houston, TX 77056 (US).

(71) **BAILEY, Richard, Alan** [GB/GB]; 27 Imperial Square, Cheltenham, Gloucestershire GL50 1RQ (GB).

(only for / seulement pour GB)

(72) **WINSHIP, Edward, Thomas**; 7601 Jones Road, College Station, TX 77845 (US).

(74) **BAILEY, Richard, Alan**; Marks & Clerk, 27 Imperial Square, Cheltenham, Gloucestershire GL50 1RQ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F16L 33/00

(11) WO 2004/044474 (13) A1

(21) PCT/US2003/036005

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/294,412 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HOSE AND CLAMP ASSEMBLY, CLAMP SUBASSEMBLY AND METHOD

• ENSEMBLE TUYAU ET COLLIER, SOUS-ENSEMBLE TUYAU, ET PROCEDE

(71) **DAYCO PRODUCTS, LLC** [US/US]; 1 Prestige Place, Miamisburg, OH 45342 (US).

(72) **COFFMAN, Willett**; 4740 Poplar Sprg./Barg. Rd, Lexington, TN 38351 (US).

(74) **BECKER, Robert, W.**; Robert, W. Becker & Associates, 707 Highway 66 East, Suite B, Tijeras, NM 87059 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F16L 37/12

(11) WO 2004/044475 (13) A1

(21) PCT/US2003/035888

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,407 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADAPTOR ESPECIALLY FOR USE IN CONNECTION WITH SWIMMING POOL RETURN LINES

• RACCORD S'ACCOUPLANT A DES CANALISATIONS DE RETOUR DE PISCINES

(71) ZODIAC POOL CARE, INC. [US/US]; 2028 NW 25th Avenue, Pompano Beach, FLORIDA, FL 33069 (US).
(only for / seulement pour CA MX)

(71) ZODIAC POOL CARE SAS [FR/FR]; 2 rue Maurice Mallet, F-92130 Issy les Moulineaux Cedex (FR).

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(72) VAN DER MELJEN, Hendrikus, Johannes; Plot 2/215, Old Pretoria Road, Glen Austin, Midrand (ZA). HARRISON, Peter, Hugh; 9B The Oval Street, Irene, Centurion (ZA). BAUCKMAN, Mark, J.; 4094 NW 1st Place, Deerfield Beach, FL 33442 (US).

(74) PRATT, John S.; Kilpatrick Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, Georgia 30309-4530 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO 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 F16L 57/06, B65G 53/52

(11) WO 2004/044476 (13) A1

(21) PCT/EP2003/012367

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 143.3 9 Nov/nov 2002 DE (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WALL OF A DEVICE FOR THE TRANSPORT OF LIQUID OR GASEOUS MEDIA CHARGED WITH ABRASIVE PARTICLES

• PAROI D'UN DISPOSITIF POUR LE TRANSPORT DE MILIEUX LIQUIDES

OU GAZEUX CHARGES DE PARTICULES ABRASIVES

(71) 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) KOSCHINSKI, Günter [DE/DE]; Dümptert Pfad 5, 47138 Duisburg (DE).

(74) COHAUSZ & FLORACK; 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 NI NO NZ OM PG PH PL PT RO RU SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F17C

(11) WO 2004/044477 (13) A2

(21) PCT/US2003/033766

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 10/294,825 13 Nov/nov 2002 US (13.11.2002)

(30) 10/637,218 8 Aug/août 2003 US (08.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CELLULAR RESERVOIR FLEXIBLE PRESSURE VESSEL, APPARATUS AND METHOD FOR MAKING SAME

• RECIPIENT SOUS PRESSION FLEXIBLE DE RESERVOIR CELLULAIRE ET APPAREIL ET PROCÉDE DE FABRICATION CORRESPONDANTS

(71) SANDERS INDUSTRIAL DESIGNS, INC. [US/US]; 2118 Wilshire Boulevard, Suite 371, Los Angeles, CA 90403 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SANDERS, Stan, A. [US/US]; 16510 Blenheim Way, Chesterfield, Missouri 63005 (US).

(74) BELASCO, David, A.; Belasco Jacobs & Townsley, 6100 Center Drive, Suite 630, Los Angeles, CA 90045 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 F17C

(11) WO 2004/044478 (13) A2

(21) PCT/US2003/034194

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 10/295,488 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OVOID FLEXIBLE PRESSURE VESSEL, APPARATUS AND METHOD FOR MAKING SAME

• RECIPIENT SOUS PRESSION SOUPLE OVOÏDE, APPAREIL ET PROCÉDE DE FABRICATION CORRESPONDANT

(71) SANDERS INDUSTRIAL DESIGNS, INC. [US/US]; 2118 Wilshire Boulevard, Suite 371, Los Angeles, CA 90403 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) SANDERS, Stan, A. [US/US]; 16510 Blenheim Way, Chesterfield, MO 63005 (US).

(74) BELASCO, David, A.; Belasco, Jacobs & Townsley, LLP, 100 Corporate Pointe, Suite 330, Culver City, CA 90230 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F17C

(11) WO 2004/044479 (13) A2

(21) PCT/US2003/036250

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,674 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLUID PROVIDER ASSEMBLY AND PORTABLE FLUID PROVIDER SYSTEM INCLUDING SAME

• ENSEMBLE D'ALIMENTATION EN FLUIDE ET SYSTEME D'ALIMENTATION EN FLUIDE PORTABLE CONTENANT LEDIT ENSEMBLE

(71) GRAY TEK, INC. [US/US]; 100 Dayett Mills Road, Newark, DE 19702 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHNSON, Raynor, A [US/US]; c/o Gray Tek, Inc., 100 Dayett Mills Road, Newark, DE 19702 (US). ZHANG, Morgan

[CN/CN]; Rong Qiao Jin Jiang, A3-904 #66 Jiang Bin Ave, Fuzhou, Fujian 350002 (CN).

(74) **BURR, Stephen, P** et al. / etc.; Burr & Brown, P.O. Box 7068, Syracuse, NY 13261-7068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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) (t) for all designations / pour toutes les désignations

(51)⁷ F17C 9/02

(11) WO 2004/044480 (13) A1

(21) PCT/US2003/023580

(22) 28 Jul/juil 2003 (28.07.2003)

(25) en (26) en

(30) 10/294,000 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND PROCESS FOR THE VAPORIZATION OF LIQUIFIED NATURAL GAS

• SYSTEME ET PROCEDE DE VAPORISATION DE GAZ NATUREL LIQUEFIE

(71, 72) **EYERMANN, Volker, W.** [US/US]; Freeport LNG, 1200 Smith Street, Suite 600, Houston, TX 77002 (US).

(74) **EGBERT, John, S.**; Harrison & Egbert, 7th Floor, 412 Main Street, Houston, TX 77002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F21S 19/00, 11/00, F21V 9/02

(11) WO 2004/044481 (13) A1

(21) PCT/AU2003/001510

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 2002952652 14 Nov/nov 2002 AU (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A HYBRID LIGHTING SYSTEM

• SYSTEME D'ECLAIRAGE HYBRIDE

(71) **UNIVERSITY OF TECHNOLOGY** [AU/AU]; BROADWAY, New South Wales 2007 (AU).

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(72, 75) **SMITH, Geoffrey, Burton** [AU/AU]; 30 Crandon Road, Epping, New South Wales 2121 (AU). **FRANKLIN, James, Bruce** [AU/AU]; St Paul's College, 9 City Road, Camperdown, New South Wales 2050 (AU).

(74) **GRIFFITH HACK**; GPO Box 4164, SYDNEY, New South Wales 2001 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F21V

(11) WO 2004/044482 (13) A2

(21) PCT/IB2003/004665

(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

(30) 02079687.6 11 Nov/nov 2002 EP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRIC REFLECTOR LAMP AND ASSEMBLING PROCESS THEREFORE

• LAMPE A REFLECTEUR ELECTRIQUE ET PROCEDE D'ASSEMBLAGE

(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) **VERSLUIJS, Cornelis** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **PET, Robert, J.**; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC 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 :

(s) for the following designations / pour les désignations suivantes : AE AG 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 F21V

(11) WO 2004/044483 (13) A2

(21) PCT/US2003/031661

(22) 6 Oct/oct 2003 (06.10.2003)

(25) en (26) en

(30) 10/294,209 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LAMP ASSEMBLY AND LAMP FOR A LUMINAIRE

• ENSEMBLE LAMPE ET LAMPE POUR LUMINAIRE

(71) **ELECTRONIC THEATRE CONTROLS, INC.** [US/US]; 3030 Laura Lane, Middleton, WI 53562 (US).

(72) **ESAKOFF, Gregory, F.**; 16402 Grimaud Lane, Huntington Beach, CA 92649 (US).

(74) **KOLEHMAINEN, Philip, M.**; Greer, Burns & Crain, Ltd, Suite 2500, 300 South Wacker Drive, Chicago, IL 60606-6501 (US).

(81) AE CA CN JP MX RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F21V

(11) WO 2004/044484 (13) A2

(21) PCT/US2003/032928

(22) 15 Oct/oct 2003 (15.10.2003)

(25) en (26) en

(30) 10/287,641 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENHANCED THERMAL INDICATOR LIGHT SYSTEM AND METHOD FOR THE USE THEREOF

- SYSTEME DE VOYANT LUMINEUX THERMIQUE AMELIORE ET SON PROCEDE D'UTILISATION
- (71) **GENERAL BINDING CORPORATION** [US/US]; 5700 Old Orchard Road, Skokie, IL, 60077 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BENO, Steven** [US/US]; C/O General Binding Corporation, 5700 Old Orchard Road, Skokie, IL, 60077 (US). **GAINES, Ervin** [US/US]; C/O General Binding Corporation, 5700 Old Orchard Road, Skokie, IL, 60077 (US). **LONG, Mike** [US/US]; C/O General Binding Corporation, 5700 Old Orchard Road, Skokie, IL, 60077 (US).
- (74) **FAIER, Martin**; Faier & Faier P.C., Suite 600, 566 W. Adams Street, Chicago, IL 60661 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F21V 7/00, B60Q 1/04, F21V 29/00**
- (11) **WO 2004/044485** (13) A1
- (21) PCT/US2002/035477
- (22) **5 Nov/nov 2002 (05.11.2002)**
- (25) en (26) en
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • INTEGRATED LAMP HOUSING/IMPACT SUPPORT BRACKET
• ENSEMBLE INTEGRE LOGEMENT DE LAMPE / ETRIER SUPPORT ANTI-CHOC
- (71) **COLLINS & AIKMAN AUTOMOTIVE COMPANY INC.** [US/US]; 350 Stephenson Highway, Troy, MI 48083 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HODGES, Kenneth** [US/US]; 1509 Wood Trail, Oxford, MI 48371 (US).
- (74) **GROSSMAN, Steven, J. et al.** / etc.; Grossman, Tucker, Perreault & Pflieger, PLLC, 55 South Commercial Street, Manchester, NH 03101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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).

- PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F21V 9/00**
- (11) **WO 2004/044486** (13) A2
- (21) PCT/IB2003/004747
- (22) **24 Oct/oct 2003 (24.10.2003)**
- (25) en (26) en
- (30) 02079742.9 **14 Nov/nov 2002 (14.11.2002)** EP
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • LIGHT-TRANSMITTING SUBSTRATE PROVIDED WITH A LIGHT-ABSORBING COATING
• SUBSTRAT EMETTEUR DE LUMIERE POURVU D'UN REVETEMENT ABSORBANT LA LUMIERE
- (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) **BROERSMA, Rémy, C.** [NL/FR]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HENDRIKS, Rene, J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DREUNING, Hendrik-Jan** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **VAN WERMESKERKEN, Stephanie, C.**; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC 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 :**
(s) for the following designations / pour les désignations suivantes : AE AG 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)
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- (51)⁷ **F21V 9/00**
- (11) **WO 2004/044487** (13) A2
- (21) PCT/IB2003/004753
- (22) **27 Oct/oct 2003 (27.10.2003)**
- (25) en (26) en

- (30) 02079742.9 **14 Nov/nov 2002 (14.11.2002)** EP
- (30) 03075078.0 **13 Jan/jan 2003 (13.01.2003)** EP
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • LIGHT-TRANSMITTING SUBSTRATE PROVIDED WITH A LIGHT-ABSORBING COATING AS WELL AS A METHOD OF PREPARING A LIGHT-ABSORBING COATING
• SUBSTRAT TRANSMETTANT LA LUMIERE DOTE D'UN REVETEMENT ABSORBANT LA LUMIERE, ET PROCEDE DE PREPARATION D'UN REVETEMENT ABSORBANT LA LUMIERE
- (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) **BROERSMA, Rémy, C.** [NL/FR]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DREUNING, Hendrik-Jan** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HENDRIKS, Rene, J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **VAN WERMESKERKEN, Stephanie, C.**; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC 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 :**
(s) for the following designations / pour les désignations suivantes : AE AG 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)
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- (51)⁷ **F21V 19/00, H01J 5/56**
- (11) **WO 2004/044488** (13) A1
- (21) PCT/IB2003/004692
- (22) **21 Oct/oct 2003 (21.10.2003)**
- (25) en (26) en
- (30) 02079741.1 **14 Nov/nov 2002 (14.11.2002)** EP
- (43) 27 May/mai 2004 (27.05.2004)

- (54) • A LAMP FIXATION SYSTEM
• SYSTEME DE FIXATION DE 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) KAANDORP, Wouter, P. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) BOSMA, Rudolphus, H., A.; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC 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 :
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (51)⁷ F22B 15/00
- (11) WO 2004/044489 (13) A1
- (21) PCT/US2003/036091
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 60/424,908 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PACKAGE WATER TUBE BOILER HAVING TWO OFFSET DRUMS
• CHAUDIERE A TUBES D'EAU COMPACTE A DEUX TAMBOURS DECALES
- (71, 72) ENGLISH, John, R. [US/US]; 7072 Covebrook Lane, Mechanicsville, VA 23116-4833 (US).
- (74) LYNE, Robert, C.; Thompson & McMillan, 100 Shockoe Slip, Richmond, VA 23219-4140 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F23D 14/06

(11) WO 2004/044490 (13) A1

(21) PCT/IT2002/000720

(22) 12 Nov/nov 2002 (12.11.2002)

(25) it (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • GAS BURNER WITH SEPARATE FEEDING OF THE FLAME CROWNS
• BRULEUR A GAZ AVEC ALIMENTATION SEPARÉE DES COURONNES DE FLAMMES

(71) SABAF S.P.A. [IT/IT]; Via Dei Carpini, 1, I-25035 Ospitaletto (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BETTINZOLI, Angelo [IT/IT]; Via Donizetti, 25, I-25062 Concesio (IT).

(74) MARIETTI, Andrea; Marietti, Gislon e Trupiano S.r.l., Via Larga, 16, I-20122 Milan (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F23G 5/04

(11) WO 2004/044491 (13) A1

(21) PCT/KR2003/000739

(22) 12 Apr/avr 2003 (12.04.2003)

(25) ko (26) en

(30) 10-2002-0070872 14 Nov/nov 2002 KR (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • INCINERATION AND DRYING EQUIPMENT OF COMPLEX WASTE MATERIAL

• EQUIPEMENT D'INCINERATION ET DE SECHAGE DE MATIERES RESIDUAIRES COMPLEXES

(71) BOSUNG DEVELOPMENT INC. [KR/KR]; 4 Eo chun-Ri, Mae Kok-Myun, Youngdong-Kun, Chung cheongbuk-Do 370-870 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, KYUNG SUP [KR/KR]; 654-4 Cuci san-Ri, Youngdong-Oub, Youngdong-Kun, Chung cheongbuk-Do 370-802 (KR). MA, MYUNG HEE [KR/KR]; 64-24, No chun-Ri, Mae Kok-Myun, Youngdong-Kun, Chung cheongbuk-Do 370-870 (KR).

(74) LEE, JAE IN; 302ho, Mijin B/D, 838-11 Yeoksam-dong, Kangnam-Ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/08, 5/02, F23L 7/00, F23G 5/44, F23M 5/00

(11) WO 2004/044492 (13) A1

(21) PCT/EP2002/012768

(22) 14 Nov/nov 2002 (14.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND DEVICE FOR INTEGRATED PLASMA-MELT TREATMENT OF WASTES
• PROCEDE ET DISPOSITIF DE TRAITEMENT INTEGRE DE DECHETS PAR FUSION PLASMIQUE

(71) DAVID SYSTEMS TECHNOLOGY, S.L. [ES/ES]; Carbonero y Sol, 30, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BLACH VIZOSO, Ricardo [ES/ES]; Carbonero y Sol, 30, E-28006 Madrid (ES).

(74) CARPINTERO LÓPEZ, Francisco; Herrero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F23R

(11) WO 2004/044493 (13) A2

(21) PCT/EP2003/011779

(22) 24 Oct/oct 2003 (24.10.2003)

(25) de (26) de

- (30) 102 53 016.5 **14 Nov/nov 2002** DE
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DEVICE FOR GAS INCORPORATION IN A JET FLOW ON A SINGLE PLANE
• DISPOSITIF D'INTRODUCTION DE GAZ SUR UN SEUL PLAN DANS UN COURANT DE JET
- (71) **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Weberstrasse 5, 76133 Karlsruhe (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEIBOLD, Hans** [DE/DE]; Jagdrain 13, 76316 Malsch (DE). **ZIMMERLIN, Bernd** [DE/DE]; Baumgartenstr. 4, 76287 Rheinstetten (DE).
- (74) **FORSCHUNGSZENTRUM KARLSRUHE GMBH**; Stabsabteilung Marketing, Patente und Lizenzen, Postfach 3640, 76021 Karlsruhe (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F23R 3/52, 3/40**
- (11) **WO 2004/044494** (13) A1
- (21) PCT/US2003/032056
- (22) **10 Oct/oct 2003 (10.10.2003)**
- (25) en (26) en
- (30) 10/289,573 **7 Nov/nov 2002** US
(07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • INTEGRATED COMBUSTOR AND NOZZLE FOR A GAS TURBINE COMBUSTION SYSTEM
• CHAMBRE DE COMBUSTION ET BUSE SOLIDAIRES CONÇUES POUR UN SYSTEME DE COMBUSTION DE TURBINE A GAZ
- (71) **SIEMENS WESTINGHOUSE POWER CORPORATION** [US/US]; 4400 Alafaya Trail, Orlando, FL 32826-2399 (US).
- (72) **LITTLE, David, Allen**; 921 South Belfast Place, Chuluota, FL 32766 (US). **LIPPERT, Thomas, E.**; 3205 Cambridge Court, Murrysville, PA 15668 (US).
- (74) **SWANSON, Erik, C.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- (51)⁷ **F24D 13/02**
- (11) **WO 2004/044495** (13) A1
- (21) PCT/MK2002/000005
- (22) **13 Nov/nov 2002 (13.11.2002)**
- (25) en (26) en
- (30) P 020180 **18 Oct/oct 2002** MK
(18.10.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FLEXION MULTIPLAYER ELECTRICAL FLOOR HEATER
• DISPOSITIF DE CHAUFFAGE AU SOL FLEXIBLE A COUCHES MULTIPLES
- (71, 72) **LEOV, Trajce** [MK/MK]; Kosturska 51, 1400 Veles (MK).
- (74) **BERIN DOO, Skopje**; Jani Lukrovski Street, 5/1/32, 1000 Skopje (MK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24F 1/00**
- (11) **WO 2004/044496** (13) A1
- (21) PCT/JP2003/014232
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) ja (26) ja
- (30) 2002-330328 **14 Nov/nov 2002** JP
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AIR CONDITIONER INDOOR UNIT AND METHOD OF ASSEMBLING THE SAME
• UNITE INTERIEURE DE CONDITIONNEMENT D'AIR ET SON PROCEDE DE MONTAGE
- (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) **TERADA, Yuichi** [JP/JP]; c/o DAIKIN INDUSTRIES, LTD., Shiga Plant, 1000-2, Aza Ootani, Okamoto-cho, Kusatsu-shi, Shiga 525-0044 (JP).
- (74) **ONO, Yukio** et al. / etc.; SHINJYU GLOBAL IP, South Forest Bldg., 1-14-19, Minamimori-machi, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **F24F 11/02**
- (11) **WO 2004/044498** (13) A1
- (21) PCT/JP2003/013962
- (22) **30 Oct/oct 2003 (30.10.2003)**
- (25) ja (26) ja
- (30) 2002-317697 **31 Oct/oct 2002** JP
(31.10.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AIR CONDITIONER
• CLIMATISEUR
- (71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Bldg., 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWATA, Toru [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). HIRAI, Masakazu [JP/JP]; c/o Kanaoka Factory, Sakai Plant, DAIKIN INDUSTRIES, LTD., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).

(74) MAEDA, Hiroshi et al. / etc.; Honmachi-nakajima Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F24H 1/18

(11) WO 2004/044499 (13) A1

(21) PCT/IT2002/000769

(22) 9 Dec/déc 2002 (09.12.2002)

(25) en (26) en

(30) MI2002A002396 13 Nov/nov 2002 IT (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WATER HEATER WITH AN EXTERNAL ELECTRIC WINDING
• CHAUFFE-EAU A ENROULEMENT ELECTRIQUE EXTERNE

(71) CADIF SRL [IT/IT]; Via Monte Cervino, 2, I-37057 S. Giovanni Lupatoto (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STABILE, Aldo [IT/IT]; Via C. Uberti, 2, I-26016 Crema (IT).

(74) DIGIOVANNI, Italo; Brevetti Dott. Ing. Digiovanni Schmiect S.r.l., Via Aldrovandi, 7, I-20129 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ 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 F24H 3/04

(11) WO 2004/044500 (13) A1

(21) PCT/JP2003/013971

(22) 30 Oct/oct 2003 (30.10.2003)

(25) ja (26) ja

(30) 2002-327706 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GAS HEATING METHOD AND GAS HEATING DEVICE

• PROCEDE DE CHAUFFAGE AU GAZ ET DISPOSITIF DE CHAUFFAGE AU GAZ

(71) SUMITOMO ELECTRIC INDUSTRIES, LTD. [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HASHIKURA, Manabu [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP). NAKATA, Hirohiko [JP/JP]; c/o Itami Works of Sumitomo Electric Industries, Ltd., 1-1, Koyakita 1-chome, Itami-shi, Hyogo 664-0016 (JP).

(74) NAKANO, Minoru et al. / etc.; c/o Sumitomo Electric Industries, Ltd., 1-3, Shimaya 1-chome, Konohana-ku, Osaka-shi, Osaka 554-0024 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F24J 2/54

(11) WO 2004/044501 (13) A1

(21) PCT/SE2003/001677

(22) 30 Oct/oct 2003 (30.10.2003)

(25) sv (26) en

(30) 0203308-2 11 Nov/nov 2002 SE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A STAND
• SUPPORT

(71, 72) GUSTAFSSON, Carl-Evert [SE/SE]; Hillenvägen 1, S-771 54 Ludvika (SE).

(74) REYIER, Ann-Mari et al. / etc.; Bjerkéns Patentbyrå KB, Box 128, S-721 05 Västerås (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE 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 F24J 02/38, 02/00

(11) WO 2004/044502 (13) A1

(21) PCT/US2002/035008

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • CELESTIAL TRACKING APPARATUS AND METHOD OF CONTROLLING WIND STOW THEREFOR

• DISPOSITIF DE POURSUITE ASTRONOMIQUE ET PROCEDE DE CONTROLE DE SON ARRIMAGE POUR RESISTER AU VENT

(71) PINNACLE WEST CAPITAL CORPORATION [US/US]; 400 North Fifth Street, P.O. Box 53999, Phoenix, AZ 85072-3999 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAYDEN, Herbert, T. [US/US]; 701 West Parkway Boulevard, Tempe, AZ 85281 (US). WARRICK, James, C. [US/US]; 1899 Meadowridge Road, Prescott, AZ 86305 (US). SHINGLETON, Jefferson, G. [US/US]; 7322 Parcell Road, Auburn, NY 13021 (US). ZUCKERMAN, Raymond, S. [US/US]; 7295 East Paradise Drive, Scottsdale, AZ 85260 (US).

(74) GRESHAM, Lowell, W. et al. / etc.; Meschkow & Gresham, P.L.C., Suite 409, 5727 North Seventh Street, Phoenix, AZ 85014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F25B

(11) WO 2004/044503 (13) A2

(21) PCT/US2003/036424

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,073 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REFRIGERATION SYSTEM WITH BYPASS SUBCOOLING AND COMPONENT SIZE DE-OPTIMIZATION

• SYSTEME DE REFRIGERATION AVEC SOUS-REFROIDISSEMENT EN DERIVATION ET MODULATION DE LA TAILLE DES COMPOSANTS

(71) VORTEX AIRCON [US/US]; 332 Pawlings Road, Pheonixville, PA 19460 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAI, Cheolho [KR/KR]; Dongsuh Apt. 257-906, Shima-e-Dong-Susung-ku, Taegu (KR).

(74) WEINER, Samuel, H. et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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 F25C 1/24

(11) WO 2004/044504 (13) A1

(21) PCT/AU2003/001478

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 2002952601 12 Nov/nov 2002 AU (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ICE TRAY

• BAC A GLACE

(71, 72) FITZGERALD, Martin [AU/AU]; 1 Boree Street, Ashmore, QLD 4214 (AU).

(74) F B RICE & CO; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F25D 17/02, 31/00, F25B 21/02

(11) WO 2004/044505 (13) A1

(21) PCT/EP2003/012427

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 346.0 11 Nov/nov 2002 DE (11.11.2002)

(30) 102 61 352.4 30 Dec/déc 2002 DE (30.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RAPID COOLING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE REFRIGERATION RAPIDE

(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) FLINNER, Klaus [DE/DE]; Bei den Flecken 60, 89447 Zöschingen (DE). HAUSMANN, Georg [DE/DE]; Untere Hauptstr. 24b, 89407 Dillingen (DE). HOLZER, Stefan [DE/DE]; Spritzenhausplatz 12, 73430 Aalen (DE). HÄGELE, Fritz [DE/DE]; Tannenweg 7, 89542 Herbrechtingen (DE). STELZER, Jörg [DE/DE]; Badstr. 7, 89537 Giengen/Brenz (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ F25D 23/02, B32B 15/08

(11) WO 2004/044506 (13) A1

(21) PCT/JP2003/014352

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-330552 14 Nov/nov 2002 JP (14.11.2002)

(30) 2003-360230 21 Oct/oct 2003 JP (21.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METALLIC DECORATIVE SHEET WITH SUBLIMATION-TRANSFERRED PATTERN, HEAT-INSULATING PANEL AND OUTER WALL FOR REFRIGERATOR BOTH EMPLOYING THE SAME, AND PROCESSES FOR PRODUCING THESE

• PLAQUE METALLIQUE DECORATIVE PRESENTANT UN MOTIF TRANSFÈRE PAR SUBLIMATION, PANNEAU THERMO-ISOLANT ET PAROI EXTERIEURE DE REFRIGERATEUR METTANT EN APPLICATION CES DERNIERS ET LEURS PROCEDES DE FABRICATION

(71) MATSUSHITA REFRIGERATION COMPANY [JP/JP]; 3-1-2, Nojihigashi 2-chome, Kusatsu-shi, Shiga 525-8555 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) INATANI, Masatoshi [JP/JP]; 2-29-2, Sugimoto, Sumiyoshi-ku, Osaka-shi, Osaka 558-0022 (JP). OBATA, Shingo [JP/JP]; 10-10-B1102, Nishioji-cho, Kusatsu-shi, Shiga 525-0037 (JP). TSUMURA, Takashi [JP/JP]; 614-16, Oiwake-cho, Kusatsu-shi, Shiga 525-0046 (JP). KAWABATA, Hiroki [JP/JP]; 68-19, Oaza Uchiage, Neyagawa-shi, Osaka 572-0802 (JP).

(74) IWAHASHI, Fumio et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F25D 29/00, F25B 39/02

(11) WO 2004/044507 (13) A1

(21) PCT/EP2003/012424

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 345.2 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HEAT EXCHANGER FOR A REFRIGERATION DEVICE

• ECHANGEUR THERMIQUE POUR UN APPAREIL DE REFRIGERATION

(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) CIESLIK, Detlef [DE/DE]; Schelmenbergerstr. 3, 89537 Giengen (DE). KUSNIK, Thorsten [DE/DE]; Pfarrer-Bunz-Str. 1, 89312 Günzburg (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG 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 F25J

(11) WO 2004/044508 (13) A2

(21) PCT/US2003/035657

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/294,112 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENHANCED METHANE FLASH SYSTEM FOR NATURAL GAS LIQUEFACTION

• SYSTEME AMELIORE DE VAPORISATION INSTANTANEE DE METHANE POUR LIQUEFACTION DE GAZ NATUREL

(63) US 10/294,112 (CIP) 13 Nov/nov 2002 (13.11.2002)

(71) CONOCOPHILLIPS COMPANY [US/US]; 600 North Dairy Ashford, Houston, TX 77079 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HAHN, Paul, R. [US/US]; 1307 Wentworth Court, Houston, TX 77055 (US). YAO, Jame [US/US]; 1151 Gloria Court, Sugar Land, TX 77478 (US). LEE, Rong-Jwyn [US/US]; 1906 Valleria Court, Sugar Land, TX 77479 (US). BAUDAT, Ned, P. [US/US]; 907 Sandpiper, Sugar Land, TX 77478 (US). EATON, Anthony, P. [US/US]; 450 Williams Landing Dr., Sugar Land, TX 77479 (US).

(74) RICHARDS, John et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 F27B

(11) WO 2004/044509 (13) A2

(21) PCT/IB2003/005045

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,827 13 Nov/nov 2002 US (13.11.2002)

(30) 10/696,575 30 Oct/oct 2003 US (30.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LANCE FOR INJECTING FLUIDS FOR UNIFORM DIFFUSION WITHIN A VOLUME

• LANCE DESTINEE A INJECTER DES FLUIDES POUR UNE DIFFUSION UNIFORME DANS UN VOLUME

(71) L'AIR LIQUIDE - SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR).

(72) MARIN, Ovidiu; 2040 Carriage Hill Road, Lisle, IL 60532 (US). MACADAM, Scott; 1707 Mill Street, Laramie, WY 82072 (US). BUGEAT, Benjamin; 311 N Oak Park Avenue, Oak Park, IL 60301 (US). CHATEL-PELAGE, Fabienne; 222 North Columbus #2102, Chicago, IL 60601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ F27B 3/10, 3/28, 1/10, C21B 7/00, F16K 31/52

(11) WO 2004/044510 (13) A1

(21) PCT/EP2002/012583

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR BALANCING OVERPRESSURE OR DEPRESSION SPACES

• DISPOSITIF POUR EQUILIBRER DES ESPACES EN SURPRESSION OU EN DEPRESSION

(71) SKW STAHL-TECHNIK GMBH [DE/DE]; Dr.-Albert-Frank-Strasse 32, 83308 Trostberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STADLER, Siegfried [DE/DE]; Laubensteinweg 5, 83209 Prien (DE).

(74) WEICKMANN, Franz, Albert et al. / etc.; Weickmann & Weickmann, Postfach 860 820, 81635 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F27D 3/16, C21C 5/48, B22D 1/00

(11) WO 2004/044511 (13) A1

(21) PCT/EP2003/012273

(22) 4 Nov/nov 2003 (04.11.2003)

(25) de (26) de

(30) 102 52 276.6 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METALLURGICAL MELTING VESSEL COMPRISING A TUYERE ARRANGEMENT, AND METHOD FOR SECONDARY METALLURGICAL TREATMENT

• CREUSET DE FUSION METALLURGIQUE COMPRENANT UN SYSTEME DE BUSE ET PROCEDE DE TRAITEMENT DE METALLURGIE SECONDAIRE

(71) RHI AG [AT/AT]; Wienerbergstrasse 11, A-1100 Wien (AT). TECHCOM IMPORT EXPORT GMBH [DE/DE]; Pommernstrasse 13, 80809 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAUER, Roland [AT/AT]; Haydnweg 14, A-9546 Bad Kleinkirchheim (AT). RAHM, Christian [AT/AT]; Aichholzgasse, A-1120 Wien (AT). SCHUMACHER, Ewald [DE/DE]; Pommernstrasse 13a, 80809 München (DE). SCHUMACHER, Edgar [DE/DE]; Lindenfelserstrasse 21a, 80939 München (DE). SAPRIGHIN, Alexandr [MD/MD]; Kirovstrasse 80, Wohnung 48, Rybniza 5500 (MD). DEREVEANCENCO, Igor [MD/MD]; Valtchenko 9, Wohnung 216, Rybniza 5500 (MD).

(74) BECKER, Thomas, U. et al. / etc.; Turmstrasse 22, 40878 Ratingen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ F28D 1/04

(11) WO 2004/044512 (13) A1

(21) PCT/FR2003/001485

(22) 15 May/mai 2003 (15.05.2003)

(25) fr (26) fr

(30) PCT/FR02/03851 8 Nov/nov 2002 FR
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HEAT EXCHANGE MODULE WITH
A PRINCIPAL RADIATOR AND TWO
SECONDARY RADIATORS• MODULE D'ÉCHANGE DE CHALEUR
COMPORTANT UN RADIATEUR PRIN-
CIPAL ET DEUX RADIATEUR SECON-
DAIRE(71) VALEO THERMIQUE MOTEUR
[FR/FR]; 8, rue Louis-Lormand, F-78321
La Verrière (FR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GUERRERO, Pascal [FR/FR]; 38, rue
Husson, F-78320 Le Mesnil Saint Denis (FR).
MARTINS, Carlos [US/US]; 10, rue de la
Moutière, F-78490 Montfort L'Amaury (US).(74) ROLLAND, Jean-Christophe; Valeo
Thermique Moteur, 8, rue Louis Lormand,
F-78321 La Verrière (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN 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 F28D 1/053

(11) WO 2004/044513 (13) A2

(21) PCT/FR2003/003344

(22) 10 Nov/nov 2003 (10.11.2003)

(25) fr (26) fr

(30) 02/14042 8 Nov/nov 2002 FR
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTIPLE-PASS HEAT EXCHANGER,
IN PARTICULAR FOR MOTOR VEHI-
CLE• ÉCHANGEUR DE CHALEUR À
PASSÉS MULTIPLES, EN PARTICU-
LIER POUR VÉHICULE AUTOMO-
BILE(71) VALEO CLIMATISATION [FR/FR]; 8,
rue Louis Lormand, F-78321 La Verrière
(FR).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MOREAU, Sylvain [FR/FR]; 7ter, route
des Aulnays, F-72700 Spay (FR).(74) ROLLAND, Jean-Christophe; Valeo
Thermique Moteur, 8, rue Louis Lormand,
F-78321 La Verrière (FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 F28F

(11) WO 2004/044514 (13) A2

(21) PCT/US2003/032130

(22) 10 Oct/oct 2003 (10.10.2003)

(25) en (26) en

(30) 10/290,563 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HEAT EXCHANGER

• ÉCHANGEUR DE CHALEUR

(71) MODINE MANUFACTURING COM-
PANY [US/US]; 1500 DeKoven Avenue,
Racine, WI 53403 (US).(72) VALENSA, Jeroen; 3632 S. 157th Street,
New Berlin, WI 53151 (US). REINKE,
Michael, J.; 11816 W. Elmwood Drive,
Franklin, WI 53132 (US). VOSS, Mark,
G.; 2855 Twin Waters Lane, Franksville, WI
53126 (US).(74) FAIRCHILD, Jeffery, N.; Wood, Phillips,
Katz, Clark & Mortimer, Suite 3800, 500
West Madison Street, Chicago, IL 60661
(US).

(81) AU BR CA CN FI JP KR MX PL RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AU BR CA CN FI JP KR
MX PL RU EP (AT BE BG CH CY CZ DE DK EE
ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR)(t) for the following designations / pour les
désignations suivantes : AU BR CA CN FI JP KR
MX PL RU EP (AT BE BG CH CY CZ DE DK
EE ES FI FR GB GR HU IE IT LU MC NL PT
RO SE SI SK TR)(51)⁷ F41C

(11) WO 2004/044515 (13) A2

(21) PCT/US2003/025670

(22) 18 Aug/août 2003 (18.08.2003)

(25) en (26) en

(30) 10/232,766 29 Aug/août 2002 US
(29.08.2002)(30) 10/372,459 21 Feb/fév 2003 US
(21.02.2003)(30) 10/427,513 1 May/mai 2003 US
(01.05.2003)(30) 10/622,236 18 Jul/juil 2003 US
(18.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR
READING FIREARM MICROSTAMP-
ING• PROCEDE ET APPAREIL PERMET-
TANT DE LIRE LE MICRO-ESTAM-
PILLAGE D'UNE ARME A FEU(71) IDENTIFICATION DYNAMICS, LLC
[US/US]; 1320 Warwick Furnace Road,
Pottstown, PA 19465 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) LIZOTTE, Todd, E. [US/US]; 155
Megan Drive, Manchester, NH 03109 (US).
OHAR, Orest [US/US]; 6 Harmony Drive,
Hooksett, NH 03106 (US).(74) BUJOLD, Michael, J. et al. / etc.; Davis
& Bujold, P.L.L.C., Fourth Floor, 500 North
Commercial Street, Manchester, NH 03101
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VN YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).(51)⁷ F41H 5/04

(11) WO 2004/044516 (13) A1

(21) PCT/RU2003/000461

(22) 30 Oct/oct 2003 (30.10.2003)

(25) ru (26) ru

(30) 2002129344 5 Nov/nov 2002 RU
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR PRODUCING A MO-
SAIC PROTECTIVE ARMOUR BLOCK
AND THE STRUCTURE THEREOF• PROCEDE DE PRODUCTION ET
STRUCTURE DE BLOCS DE PRO-
TECTION BLINDEE MOSAIQUES
COMPOSITES(71, 72) LITVINTSEV, Alexander Ivanovich
[RU/RU]; Osenny b-r, 10-1-32, Moscow,
121609 (RU).(72, 75) ARTSRUNI, Artashes Andreevich
[RU/RU]; ul. Hkachaturyana, 12-3-317,
Moscow, 127562 (RU). LITVINTSEV,
Boris Alexandrovich [RU/RU]; ul. B.Chere-
mushkinskaya, 22-7, Moscow, 117218 (RU).(74) LITVINTSEV, Alexander Ivanovich;
Osenny b-r, 10-1-32, Moscow, 121609 (RU).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).(51)⁷ F42B

(11) WO 2004/044517 (13) A2

(21) PCT/FR2003/003302

(22) 5 Nov/nov 2003 (05.11.2003)

(25) fr (26) fr

(30) 02/14137 8 Nov/nov 2002 FR
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD OF CORRECTING THE TRAJECTORY OF A SPIN-STABILISED PROJECTILE AND PROJECTILE IMPLEMENTING ONE SUCH METHOD
- PROCEDE DE CORRECTION DE LA TRAJECTOIRE D'UN PROJECTILE GYROSTABILISE ET PROJECTILE METTANT EN OEUVRE EN TEL PROCEDE

(71) GIAT INDUSTRIES [FR/FR]; 13, route de la Minière, F-78000 Versailles (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BREDY, Thierry [FR/FR]; 22, chemin des Rogières, F-18000 Asnières-les-Bourges (FR).

(74) CELANIE, Christian; Cabinet Célanie, 13, route de la Minière, B.P. 214, F-78002 Versailles Cédex (FR).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ F42B

(11) WO 2004/044518 (13) A2

(21) PCT/US2003/036251

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/292,785 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • HIGH G-ACCELERATION PROTECTION BY CAGING
- PROTECTION CONTRE UNE ACCELERATION G ELEVEE PAR BLOCAGE

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) WEBER, Mark, W.; 11560 247th Avenue, Zimmerman, MN 55398 (US). GLENN, Max, C.; 6712 Lakeway Drive, Chanhassen, MN 55317 (US). HARRIS, William, A.; 3134 NW 123 Avenue, Coon Rapids, MN 55433 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US VZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 10/66, 10/64

(11) WO 2004/044519 (13) A1

(21) PCT/US2003/035237

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/289,651 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MISSILE CONTROL SYSTEM AND METHOD
- PROCEDE ET SYSTEME DE COMMANDE DE MISSILE

(71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, MA 02451-1449 (US).

(72) CHASMAN, Daniel; 1877 N. Marble Ridge Place, Tucson, AZ 85715 (US). HAIGHT, Stephen, D.; P.O. Box 91138, Tucson, AZ 85752-1138 (US). FACCIANO, Andrew, B.; 11438 N. Silver Pheasant Loop, Oro Valley, AZ 85737 (US).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F42D 1/28, 1/20, 5/05, 5/045

(11) WO 2004/044520 (13) A1

(21) PCT/GB2003/004888

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 0226312.7 12 Nov/nov 2002 GB
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • A BLAST-ABSORBING DEVICE
- DISPOSITIF DESTINE A ABSORBER DES ONDES DE CHOC

(71) CINTEC INTERNATIONAL LIMITED [GB/GB]; Cintec House, 11 Gold Tops, Newport, South Wales NP20 4PH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JAMES, Peter [GB/GB]; 2 Redd Land, Shirenewton, Chepstow, Gwent NP6 6QP (GB).

(74) HALSTEAD, Richard, Ralph; Wynne-Jones, Laine & James, Morgan Arcade Chambers, 33 St. Mary's Street, Cardiff CF10 1AF (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01B 3/00

(11) WO 2004/044521 (13) A2

(21) PCT/US2003/035813

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 10/294,079 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND SYSTEM FOR THREAD TOLERANCE CHECKING
- PROCEDE ET SYSTEME DE VERIFICATION DE TOLERANCE DE FILETAGE

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(72) HART, Victor, G.; 32313 225th Avenue SE, Kent, WA 98042 (US). BATTEN, David, G.; 10710 195th Street Court East, Graham, WA 98338 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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 PT 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 11/24, G06T 1/00

(11) WO 2004/044522 (13) A1

(21) PCT/JP2003/014469

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330582 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • THREE-DIMENSIONAL SHAPE MEASURING METHOD AND ITS DEVICE
- PROCEDE ET DISPOSITIF PERMETTANT DE MESURER UNE FORME TRIDIMENSIONNELLE

(71) **TECHNODREAM21, INC.** [JP/JP]; Venture Kanda 409, 1-1-5, Uchikanda, Chiyoda-ku, Tokyo 101-0047 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWASAKI, Hiroshi** [JP/JP]; Verde Musashino 304, 496-3, Kanda, Sakura-ku, Saitama-shi, Saitama 338-0812 (JP). **FURUKAWA, Ryo** [JP/JP]; 504, Funairimimami, Naka-ku, Hiroshima-shi, Hiroshima 730-0847 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU 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).

Published / Publiée : (c)

(51)⁷ **G01B 11/25**

(11) **WO 2004/044523** (13) A1

(21) PCT/GB2003/004858

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 0226241.8 **11 Nov/nov 2002 (11.11.2002)** GB

(43) 27 May/mai 2004 (27.05.2004)

(54) • **STRUCTURED LIGHT PROJECTOR**

• **PROJECTEUR DE LUMIERE STRUCTUREE**

(71) **QINETIQ LIMITED** [GB/GB]; Registered Office, 85 Buckingham Gate, London SW1 6PD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ORCHARD, David, Arthur** [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB). **LEWIN, Andrew, Charles** [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB).

(74) **DAVIES, P.**; D/IP QinetiQ Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G01C**

(11) **WO 2004/044524** (13) A2

(21) PCT/IB2003/004391

(22) **6 Oct/oct 2003 (06.10.2003)**

(25) en (26) en

(30) 60/425,297 **12 Nov/nov 2002 (12.11.2002)** US

(30) 10/354,167 **30 Jan/jan 2003 (30.01.2003)** US

(30) 60/495,137 **15 Aug/août 2003 (15.08.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **HIGH CONTRAST SPIRIT-LEVEL VIAL**

• **TUBE DE NIVEAU A BULLE D'AIR A FORT CONTRASTE**

(71) **COLOURED LEVEL LTD** [—/IL]; C/O 11 Nahal Harod St., 40300 Kfar-Yona (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANG, Joel** [IL/IL]; 30 Palmach St., 53406 Giva'ataim (IL). **STOFFMAN, Assif** [IL/IL]; 11 Nahal Harod St., 40300 Kfar-Yona (IL).

(74) **PYERNIK, Moshe et al.** / etc.; P.O.Box 10012, 84106 Beer Sheva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G01C 3/10**

(11) **WO 2004/044525** (13) A2

(21) PCT/GB2003/004898

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 0226242.6 **11 Nov/nov 2002 (11.11.2002)** GB

(43) 27 May/mai 2004 (27.05.2004)

(54) • **RANGING APPARATUS**

• **APPAREIL DE TELEMETRIE**

(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) **LEWIN, Andrew, Charles** [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB). **ORCHARD,**

David, Arthur [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB). **WOODS, Simon, Christopher** [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB).

(74) **DAVIES, P.**; D/IP QinetiQ Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G01C 9/24, 9/28**

(11) **WO 2004/044526** (13) A1

(21) PCT/JP2003/013286

(22) **17 Oct/oct 2003 (17.10.2003)**

(25) ja (26) ja

(30) 2002-328432 **12 Nov/nov 2002 (12.11.2002)** JP

(30) 2003-169449 **13 Jun/juin 2003 (13.06.2003)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • **INCLINATION MEASUREMENT INSTRUMENT**

• **INSTRUMENT DE MESURE D'INCLINAISON**

(71) **YOSHIGOU, Satoru** [JP/JP]; 185-53-103, Ohaza-Shinokuma, Yasu-machi, Asakura-gun, Fukuoka 838-0215 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KISHIKAWA, Takehiko** [JP/JP]; 5050, Ohaza-Takeo, Takeomachi, Takeo-shi, Saga 843-0022 (JP).

(74) **KATO, Hisashi**; Room 1102, Asaco-Hakata Building, 11-5, Hakatakihigashi 1-chome, Hakata-ku, Fukuoka-shi, Fukuoka 812-0013 (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 EG ES FI GB GD GE GH GM HR HU 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).

Declarations / Déclarations :

(t) for all designations / pour toutes les désignations; (t) for all designations / pour toutes les désignations

(51)⁷ G01C 11/00, G01S 13/90

(11) WO 2004/044527 (13) A1

(21) PCT/FI2003/000872

(22) 14 Nov/nov 2003 (14.11.2003)

(25) fi (26) en

(30) 20022033 14 Nov/nov 2002 FI (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REMOTE SENSING METHOD AND SYSTEM

• PROCEDE ET SYSTEME DE TELEDETECTION

(71) SUOMEN YMPÄRISTÖKESKUS [FI/FI]; PL 140, FIN-00251 Helsinki (FI).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PYHÄLAHTI, Timo [FI/FI]; c/o Suomen ympäristökeskus, PL 140, FIN-00251 Helsinki (FI). TEINIRANTA, Riitta [FI/FI]; c/o Suomen ympäristökeskus, PL 140, FIN-00251 Helsinki (FI).

(74) PAPULA OY; P.O BOX 981, (Fredrikinkatu 61A), FIN-00101 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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).

(51)⁷ G01C 15/00, G06T 1/00

(11) WO 2004/044528 (13) A1

(21) PCT/JP2003/014353

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-330130 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SURVEYING INSTRUMENT AND ELECTRONIC STORAGE MEDIUM

• INSTRUMENT DE LOCALISATION ET SUPPORT DE MEMORISATION ELECTRONIQUE

(71) KABUSHIKI KAISHA TOPCON [JP/JP]; 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-8580 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MURAI, Shunji [JP/JP]; 4-21-9, Mejiro-dai, Hachioji-shi, Tokyo 193-0833 (JP). OHTOMO, Fumio [JP/JP]; 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-8580 (JP). OHTANI, Hitoshi [JP/JP]; 75-1, Hasunuma-cho, Itabashi-ku, Tokyo 174-8580 (JP).

(74) IZUMI, Yuichi; Koto Surugadai 513, 5-6, Kandasurugadai 1-chome, Chiyoda-ku, Tokyo 101-0062 (JP).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G01D 5/14, 5/12

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(21) PCT/KR2003/000076

(22) 14 Jan/jan 2003 (14.01.2003)

(25) ko (26) en

(30) 10-2002-0069884 12 Nov/nov 2002 KR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NONCONTACT CONTROLLER OF ELECTRONIC ACCELERATOR FOR AN INTERNAL-COMBUSTION ENGINE AND AN ELECTRIC VEHICLE

• REGULATEUR SANS CONTACT POUR ACCELERATEUR ELECTRONIQUE DESTINE A UN MOTEUR A COMBUSTION INTERNE ET A UN VEHICULE ELECTRIQUE

(71) CONTROL & MEASUREMENT SYSTEMS CO., LTD. [KR/KR]; 268-14 Deukpo2-dong, Sasang-gu, Busan 617-814 (KR).

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(72, 75) LEE, Hyo-Moon [KR/KR]; 116-1801 Myeongjang SK APT., 1174-1 Banyeol-dong, Haecundae-gu, Busan 612-811 (KR).

(74) SEO, Cheon-Seok; 8th Floor KAIS SYSTEM Bldg., 1657-5 Seocho-dong, Seocho-gu, Seoul 137-070 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ 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 G01D 5/26, G01K 11/32

(11) WO 2004/044530 (13) A1

(21) PCT/CA2003/001724

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 2,411,638 12 Nov/nov 2002 CA (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FIBER OPTIC SENSING SYSTEM

• SYSTEME DE DETECTION PAR FIBRE OPTIQUE

(71) PHOTON CONTROL INC. [CA/CA]; 8540 Baxter Place, Burnaby, British Columbia V5A 4T8 (CA).

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(72, 75) MELNYK, Ivan [CA/CA]; 604 Cottonwood Avenue, Coquitlam, British Columbia V3J 2S4 (CA). YAN, David, Yue [CA/CA]; 32-6388 Alder Street, Richmond, British Columbia V6Y 4G4 (CA). MECL, Ondrej [CZ/CA]; 404-1116 Hamilton Street, New Westminster, British Columbia V3M 2M9 (CA). MONTGOMERY, Derek [CA/CA]; 1702-320 Royal Avenue, New Westminster, British Columbia V3L 5C6 (CA).

(74) MCGRUDER, David, J. et al. / etc.; Oyen Wiggs Green & Mutala, 480 - The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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 G01F 1/74, 1/66

(11) WO 2004/044531 (13) A2

(21) PCT/US2003/036435

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,436 12 Nov/nov 2002 US (12.11.2002)

(30) 60/426,724 15 Nov/nov 2002 US (15.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN APPARATUS HAVING AN ARRAY OF CLAMP ON PIEZOELECTRIC FILM SENSORS FOR MEASURING PARAMETERS OF A PROCESS FLOW WITHIN A PIPE

• APPAREIL COMPORTANT UNE MOSAÏQUE DE CAPTEURS EN COUCHES PIEZO-ELECTRIQUES A PINCE POUR LA MESURE DE PARAMETRES D'UN FLUX DE TRAITEMENT AU SEIN D'UNE CONDUITE

(71) **CIDRA CORPORATION** [US/US]; 50 Barnes Park North, Wallingford, CT 06492 (US).

(72) **FERNALD, Mark, R.**; 35 Tyler Road, Enfield, CT 06082 (US). **DAVIS, Michael, A.**; 172 Stevens Lane, Glastonbury, CT 06033 (US). **KERSEY, Alan, D.**; 75 Taylor Town Road, South Glastonbury, CT 06073 (US). **GYSLING, Daniel, L.**; 763 Chestnut Hill Road, Glastonbury, CT 06033 (US). **BAILEY, Timothy, J.**; 703 Maple Road, Longmeadow, MA 01106 (US).

(74) **HIRSCH, Peter**; Klunker, Schmitt-Nilson, Hirsch, Winzererstrasse 106, D-80796 Munich (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 **G01F 1/74, 1/66**

(11) **WO 2004/044532** (13) A2

(21) PCT/US2003/036436

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,436 **12 Nov/nov 2002** US (12.11.2002)

(30) 60/426,724 **15 Nov/nov 2002** US (15.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN APPARATUS HAVING AN ARRAY OF PIEZOELECTRIC FILM SENSORS FOR MEASURING PARAMETERS OF A PROCESS FLOW WITHIN A PIPE

• APPAREIL COMPORTANT UNE MOSAÏQUE DE CAPTEURS EN COUCHES PIEZO-ELECTRIQUES POUR LA MESURE DE PARAMETRES D'UN FLUX DE TRAITEMENT AU SEIN D'UNE CONDUITE

(71) **CIDRA CORPORATION** [US/US]; 50 Barnes Park North, Wallingford, CT 06492 (US).

(72) **FERNALD, Mark, R.**; 35 Tyler Road, Enfield, CT 06082 (US). **DAVIS, Michael, A.**; 172 Stevens Lane, Glastonbury, CT 06033 (US). **KERSEY, Alan, D.**; 75 Taylor Town Road, South Glastonbury, CT 06073 (US). **GYSLING, Daniel, L.**; 763 Chestnut Hill Road, Glastonbury, CT 06033 (US). **BAILEY, Timothy, J.**; 703 Maple Road, Longmeadow, MA 01106 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G01F 1/80**

(11) **WO 2004/044533** (13) A1

(21) PCT/EP2003/012646

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) de (26) de

(30) 102 53 078.5 **13 Nov/nov 2002** DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEASURING DEVICE FOR DETERMINING THE MASS RATE OF FLOW OF A MASS FLOW

• DISPOSITIF DE MESURE POUR DETERMINER LE DEBIT D'UN FLUX MASSIQUE

(71) **SCHENCK PROCESS GMBH** [DE/DE]; Landwehrstraße 55, 64293 Darmstadt (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KAHLE, Jens** [DE/DE]; Lahnstrasse 1, 63303 Dreieich (DE).

(74) **BEHRENS, Helmut**; Groß-Gerauer Weg 55, 64295 Darmstadt (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G01F 11/06**

(11) **WO 2004/044534** (13) A1

(21) PCT/US2003/028011

(22) **5 Sep/sep 2003 (05.09.2003)**

(25) en (26) en

(30) 10/288,831 **6 Nov/nov 2002** US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FOAMING LIQUID DISPENSER

• DISTRIBUTEUR DE LIQUIDE MOUSSANT

(71) **CONTINENTAL AFA DISPENSING COMPANY** [US/US]; 27 Guenther Boulevard, St. Peters, MO 63376 (US).

(72) **FOSTER, Donald, D.**; 14 Upper Dardenne, St. Charles, MO 63304 (US). **NELSON, Philip, L.**; #9 Kingstowne Est. Ct., Wildwood, MO 63011 (US).

(74) **ROLNICKI, Joseph, M.**; Thompson Coburn LLP, One US Bank Plaza, St. Louis, MO 63101 (US).

(81) CA CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ **G01F 23/26, F01M 11/12**

(11) **WO 2004/044535** (13) A1

(21) PCT/EP2003/010537

(22) **22 Sep/sep 2003 (22.09.2003)**

(25) de (26) de

(30) 102 52 562.5 **12 Nov/nov 2002** DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR DETERMINING A LEVEL OF A LIQUID IN A RESERVOIR OF A MOTOR VEHICLE

• PROCÉDE ET DISPOSITIF DE DETERMINATION DU NIVEAU D'UN LIQUIDE DANS UN RESERVOIR D'UN VEHICULE

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DZ/DZ]; 38436 Wolfsburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSSMANN, Werner** [DE/DE]; Alter Kirchweg 21, 38446 Wolfsburg (DE).

(74) **BANZER, Hans-Jörg**; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 München (DE).

(81) CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ **G01J 3/28, 3/04**

(11) **WO 2004/044536** (13) A1

(21) PCT/DE2003/003767

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) de (26) de

(30) 102 53 058.0 **11 Nov/nov 2002** DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGHLY SENSITIVE SPECTROMETER ASSEMBLY COMPRISING AN ENTRY SLIT ARRAY AND A DETECTOR ARRAY

• ENSEMBLE SPECTROMETRE A HAUTE SENSIBILITE COMPRENANT UN RESEAU DE FENTES D'ENTREE ET UN RESEAU DE CAPTEURS

(71) **INSTITUT FÜR PHYSIKALISCHE HOCHTECHNOLOGIE E.V.** [DE/DE]; Albert-Einstein-Str. 9, 07745 Jena (DE). **TEMPLATEC-SOFTWARENT WICKLUNG CHRISTIAN SCHACH TZABEL** GBR [DE/DE]; Magdelstieg 19, 07745 Jena (DE). **CS CLEAN SYSTEMS AG** [DE/DE]; Fraunhoferstr. 4, 85737 Ismaning (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WUTTIG, Andreas** [DE/DE]; Tieckstr. 36, 07749 Jena (DE). **RIESENBERG, Rainer** [DE/DE]; Saarbrücker Str. 8, 07749 Jena (DE). **SCHACHTZABEL, Christian** [DE/DE]; Magdelstieg 19, 07745 Jena (DE). **KOPATZKI, Eckard** [DE/DE]; Münchener Str. 16, 85737 Ismaning (DE). **POPP, Jürgen** [DE/DE]; Am Wiesenbach 30, 07751 Jena (DE).

(74) **BOCK, Gerhard**; Patentanwälte Bock & Bieber, Albert-Einstein-Str. 6, 07745 Jena (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ G01J 3/28, 3/02, 3/04

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(21) PCT/US2003/035453

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/289,633 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND COMPOSITIONS FOR THERAPEUTIC USE OF RNA INTERFERENCE

• IMAGEUR HYPERSPECTRAL

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(72) RICHMAN, Isaac; 33 Le Mans, Newport Coast, Ca 92657 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G01J 3/44

(11) WO 2004/044538 (13) A1

(21) PCT/ES2003/000392

(22) 25 Jul/juil 2003 (25.07.2003)

(25) es (26) es

(30) P200202617 14 Nov/nov 2002 ES (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR OPTICAL SPECTRA ANALYSIS BY MEANS OF BRILLOUIN SCATTERING AND ASSOCIATED MEASUREMENT METHOD

• DISPOSITIF D'ANALYSE DE SPECTRES OPTIQUES PAR DIFFUSION BRILLOUIN ET PROCEDE DE MESURE ASSOCIE

(71) FIBERCOM S.L. [ES/ES]; C/ PRADO 5, LOCAL, 50009 ZARAGOZA (ES).

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(72, 75) LOPEZ TORRES, Francisco, M. [ES/ES]; Paseo Fernando el Católico 65, 50006 ZARAGOZA (ES). HERAS VILA,

Carlos [ES/ES]; Plaza Herrera de los Navarros 3, 3° B, 50006 ZARAGOZA (ES). BLASCO HERRANZ, Pilar [ES/ES]; C/ Tarragona 4, 3° A, 50006 ZARAGOZA (ES). GARCÉS GREGORIO, Juan, Ignacio [ES/ES]; C/ Duquesa de Villahermosa 121, 7°A, 50006 ZARAGOZA (ES). ALONSO ESTEBAN, Rafael [ES/ES]; Avda. Juan Pablo II n° 62, 8° B, 50006 ZARAGOZA (ES). VILLUENDAS YUSTE, Francisco [ES/ES]; C/ Duquesa de Villahermosa 119, esc 1, 2°A, 50006 ZARAGOZA (ES). SUBIAS DOMINGO, Jesus [ES/ES]; C/ Tenor Fleta 57, esc izda, atico 2, 50008 ZARAGOZA (ES). PELAYO ZUECO, Francisco, Javier [ES/ES]; C/ Andrés Gurrpide 7, 3° D, 50006 ZARAGOZA (ES).

(74) ARIZTI ACHA, Monica et al. / etc.; GARRIGUES AGENCIA DE PROPIEDAD INDUSTRIAL E INTELECTUAL, C/ JOSE ABASCAL 45, 28003 MADRID (ES).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 G01K

(11) WO 2004/044539 (13) A2

(21) PCT/US2003/036029

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,648 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NON-CONTACT SURFACE CONDUCTIVITY MEASUREMENT PROBE

• SONDE SANS CONTACT POUR MESURE DE LA CONDUCTIBILITE DE SURFACE

(71) NORTHROP GRUMMAN CORPORATION [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2177 (US).

(72) TAM, Kent, KinMan; 1948 Bolanos Avenue, Rowland Heights, CA 91748 (US).

(74) STETINA BRUNDA GARRED & BRUCKER; 75 Enterprise, Suite 250, Aliso Viejo, CA 92656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 G01K 7/18

(11) WO 2004/044540 (13) A1

(21) PCT/JP2003/014531

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ja (26) ja

(30) 2002-331354 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HEAT-RESISTANT VIBRATION-PROOF TEMPERATURE SENSOR

• CAPTEUR DE TEMPERATURE RESISTANT A LA CHALEUR ET AUX VIBRATIONS

(71) MEIYO ELECTRIC CO., LTD. [JP/JP]; 485, Shimizu-Nanatsu-Shinya, Shizuoka-shi, Shizuoka 424-0066 (JP).

(72) MIZUNO, Toshimitsu; 1144-5, Shimizu-Kusanagi, Shizuoka-shi, Shizuoka 424-0886 (JP). TOMISAKA, Isao; 2-20-3, Kutsunoya 1-chome, Shizuoka-shi, Shizuoka 420-0816 (JP). SEKIYA, Masanori; Fureguransu-matsunaga B-102, 311-17, Shimizu-Nojima, Shizuoka-shi, Shizuoka 424-0063 (JP).

(74) MURATA, Yukio; Tokyo-Chizai Patent Office, Kita-yaesu Bldg. 3rd Floor, 2-11, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(81) CN KR.

(51)⁷ G01K 17/20

(11) WO 2004/044541 (13) A1

(21) PCT/CH2003/000735

(22) 11 Nov/nov 2003 (11.11.2003)

(25) fr (26) fr

(30) 02/14174 13 Nov/nov 2002 FR (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEASURING DEVICE FOR A HEAT FLUX

• DISPOSITIF DE MESURE D'UN FLUX THERMIQUE

(71) THERMOFLUX TECHNOLOGIES SA [CH/CH]; Chemin de Galilée 9, CH-1400 Yverdon-les-Bains (CH). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) PADOY, Jean-Claude [FR/CH]; Chemin des Piccardes, CH-1441 Valleyres-sous-Montagny (CH).

(74) NITHARDT, Roland; Cabinet Roland Nithardt, Conseils en Propriété Industrielle S.A., Y-Parc / Rue Galilée 9, CH-1400 Yverdon-les-Bains (CH).

(81) CA JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G01L 7/00

(11) WO 2004/044542 (13) A1

(21) PCT/US2003/036248

- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 10/291,748 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • TRACKING VIBRATIONS IN A PIPELINE NETWORK
• DETECTION DE VIBRATIONS DANS UN RESEAU DE PIPELINES
- (71, 72) LANDER, Paul [GB/US]; Suite 425, 2 Clock Tower Place, Maynard, MA 01754 (US).
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ G01M 1/04, 17/02
- (11) WO 2004/044543 (13) A1
- (21) PCT/US2003/034289
- (22) 30 Oct/oct 2003 (30.10.2003)
- (25) en (26) en
- (30) 10/287,638 5 Nov/nov 2002 US (05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • WHEEL BALANCING SYSTEM WITH INTEGRATED WHEEL LIFT, LOADED MODE TESTING, AND WHEEL IMAGING SYSTEM
• SYSTEME D'EQUILIBRAGE DE ROUES COMPORTANT UN SYSTEME INTEGRE DE LEVAGE DE ROUES, D'ESSAI EN MODE DE CHARGEMENT ET D'IMAGERIE DES ROUES
- (71) SNAP-ON TECHNOLOGIES, INC. [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RACINE, Ron [CA/US]; 42 Smoking Oaks, Conway, AR 72032 (US).
- (74) PAUL, Scott, D. et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01M 9/02
- (11) WO 2004/044544 (13) A2
- (21) PCT/US2003/036215
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/426,118 13 Nov/nov 2002 US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • POSITIONING SYSTEM FOR WIND TUNNEL AND METHOD OF USE
• SYSTEME DE POSITIONNEMENT POUR TUNNEL AERODYNAMIQUE ET PROCEDE D'UTILISATION
- (71) SWIFT ENGINEERING, INC. [US/US]; 1141A Via Callejon, San Clemente, CA 92673 (US).
- (72) PAGE, Mark; 1141A Via Callejon, San Clemente, CA 92673 (US). ROBERTS, Neil; 1141A Via Callejon, San Clemente, CA 92673 (US). HUSCHILT, Tom; 1141A Via Callejon, San Clemente, CA 92673 (US). KANE, Brian; 1141A Via Callejon, San Clemente, CA 92673 (US). WINKLER, John; 1141A Via Callejon, San Clemente, CA 92673 (US).
- (74) TSIRCOCU, Kyriacos; SHEPPARD MULLIN RICHTER & HAMPTON LLP, 333 South Hope Street, 48th Floor, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G01M 11/00
- (11) WO 2004/044545 (13) A2
- (21) PCT/US2003/036378
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/425,938 13 Nov/nov 2002 US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AUTOMATED INSPECTION OF TINTED OPHTHALMIC PARTS
• INSPECTION AUTOMATISEE D'ELEMENTS OPHTALMIQUES TEINTES
- (71) JOHNSON & JOHNSON VISION CARE INC. [US/US]; 7500 Centurion Parkway, Jacksonville, FL 32247 (US).
- (72) EDWARDS, Russell, J.; 4535 Blueberry Wood Circle, Jacksonville, FL 32258 (US). HALL, Gary, S.; 1707 Heatherwood Drive, Jacksonville, FL 32259 (US).
- (74) JOHNSON, Philip, S. et al. / etc.; Johnson & Johnson, 1 Johnson & Johnson Plaza, New Brunswick, NJ 08933 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT
- RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01M 15/00
- (11) WO 2004/044546 (13) A1
- (21) PCT/US2003/034878
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) en (26) en
- (30) 60/424,319 7 Nov/nov 2002 US (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • VEHICLE DATA STREAM PAUSE ON DATA TRIGGER VALUE
• PAUSE DE FLUX DE DONNEES D'UN VEHICULE SUR UNE VALEUR DE DE-CLENCHMENT DE DONNEES
- (71) SNAP-ON TECHNOLOGIES, INC. [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) NAGAI, Ikulya, N [CA/US]; 3698 Rollingside Drive, San Jose, CA 95148-2822 (US). WELCH, William, L. [US/US]; P.O. Box 390906, Mountain View, CA 94039 (US). CANCELLA, James, J. [US/US]; 5794 Santa Teresa Blvd., San Jose, CA 95123 (US). WILLIAMSON, Dennis, G., Jr. [US/US]; 1965 Alghero Drive, Manteca, CA 95336 (US). STEINBERG, David [US/US]; 10825 Northview Square, Cupertino, CA 95014 (US). KOP, Pieter, Arnold [NL/NL]; Kathoek 12, NL-1633 GB Avenhorn (NL).
- (74) GEORGE, Keith, E. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) WO 2004/044547 (13) A2
- (21) PCT/US2003/034957
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) en (26) en
- (30) 10/287,602 5 Nov/nov 2002 US (05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)

(54) • OXYGEN MONITORING DEVICE

- DISPOSITIF DE CONTRÔLE D'OXYGENE

(71, 72) **SUSKO, Kenneth** [US/US]; 30 Amethyst Street, Elmont, NY 11003 (US).

(74) **KOPECKI, Alan, E.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G01N

(11) **WO 2004/044548** (13) A2

(21) PCT/US2003/035065

(22) **4 Nov/nov 2003 (04.11.2003)**

(25) en (26) en

(30) 10/288,533 **5 Nov/nov 2002 (05.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • PH MEASUREMENT SYSTEM

- SYSTEME DE MESURE DU PH

(71) **O.I. CORPORATION** [US/US]; P. O. Box 9010, College Station, TX 77842-9010 (US).

(72) **SIMON, Richard, K., Jr.**; 3946 Parrot Cove, College Station, TX 77845 (US).

(74) **RUTHERFORD, Keith, A.** et al. / etc.; Wong, Cabello, Lutsch, Rutherford & Bruculeri, LLP, Suite 600, 20333 Tomball Parkway, Houston, TX 77070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G01N

(11) **WO 2004/044549** (13) A2

(21) PCT/US2003/035378

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 60/424,656 **6 Nov/nov 2002 (06.11.2002)** US

(30) 10/424,542 **24 Apr/avr 2003 (24.04.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • UNIVERSAL TAG ASSAY

- ESSAI DE MARQUEUR UNIVERSEL

(71) **GENEOHM SCIENCES** [US/US]; 6146 Nancy Ridge Lane, Suite 101, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CROTHERS, Donald, M.** [US/US]; 8 Surrey Drive, Northford, CT 06472 (US). **HOLMLIN, R., Erik** [US/US]; 500 West Harbor Drive, #1506, San Diego, CA 92101 (US).

(74) **HART, Daniel**; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N

(11) **WO 2004/044550** (13) A2

(21) PCT/US2003/035559

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,023 **8 Nov/nov 2002 (08.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR ASSOCIATING CONTAINER DEFECT INFORMATION TO A SPECIFIC PATH OF MANUFACTURING

- SYSTEME ET PROCÉDE ASSOCIANT DES DONNÉES DE VICES DE FABRICATION D'UN CONTENANT A UNE TRAJECTOIRE DE FABRICATION SPECIFIQUE

(71) **PRESSCO TECHNOLOGY INC.** [US/US]; 2900 Aurora Road, Cleveland, OH 44139 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COCHRAN, Don, W.** [US/US]; 13665 Braeburn Lane, Novelty, OH 44072 (US). **BRADLEY, Dennis, S.** [US/US]; 1699 Laurel Drive, Twinsburg, OH 44087 (US). **CECH, Steven, D.** [US/US]; 670 Rock Creek Drive, Aurora, OH 44202 (US). **AWIG, Fredrick, F., II** [US/US]; 5216 Dogwood Trail, Lyndhurst, OH 44124 (US). **GRAVES, Terry, L.** [US/US]; 484 Allen Drive, Wadsworth, OH 44281 (US). **PALOMBO, Thomas, H.** [US/US]; 1291 N. Revere Road, Akron, OH 44333 (US). **YODER, Michael, L.** [US/US]; 385 Broad Street, Wadsworth, OH 44281 (US).

(74) **MINNICH, Richard, J.** et al. / etc.; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 1100 Superior Avenue, Seventh floor, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G01N

(11) **WO 2004/044551** (13) A2

(21) PCT/US2003/035715

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) 60/425,149 **8 Nov/nov 2002 (08.11.2002)** US

(30) 60/432,052 **10 Dec/déc 2002 (10.12.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTIPLEX ILLUMINATOR AND DEVICE READER FOR MICROCAN-TILEVER ARRAY

- ILLUMINATEUR MULTIPLEXE ET LECTEUR DE DISPOSITIF POUR UN RESEAU DE MICROLEVIERS

(63) US 60/432,052 (CIP)
10 Dec/déc 2002 (10.12.2002)
US 60/425,149 (CIP)
8 Nov/nov 2002 (08.11.2002)

(71) **PROTIVERIS, INC.** [US/US]; 9700 Great Seneca Highway, Rockville, MD 20850 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEELEY, Timothy** [US/US]; 8116 Old Georgetown Road, Bethesda, MD 20814 (US).

(74) GUTERMAN, Sonia, K.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 G01N

(11) WO 2004/044552 (13) A2

(21) PCT/US2003/035860

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,252 12 Nov/nov 2002 US (12.11.2002)

(30) 60/508,286 6 Oct/oct 2003 US (06.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND APPARATUS FOR INK DELIVERY TO NANOLITHOGRAPHIC PROBE SYSTEMS
• PROCEDES ET APPAREIL DE DISTRIBUTION D'ENCRE VERS DES SYSTEMES DE SONDAS NANOLITHOGRAPHIQUES

(71) NANOINK, INC. [US/US]; 1335 W. Randolph Street, Chicago, IL 60607 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRUCHON-DUPEYRAT, Sylvain [FR/US]; 605 W. Madison #2913, Chicago, IL 60661 (US). NELSON, Michael [US/US]; 1309 Annie Lane, Libertyville, IL 60048 (US). ELGHANIAN, Robert [US/US]; c/o NanoInk, Inc., 1335 W. Randolph Street, Chicago, IL 60607 (US). FRAGALA, Joseph [US/US]; c/o NanoInk, Inc., 1335 W. Randolph St., Chicago, IL 60607 (US). TOUZOV, Igor [RU/US]; 311 Castle Hayne Drive, Cary, NC 27519 (US). DEBJYOTI, Banerjee [US/US]; c/o NanoInk, Inc., 1335 W. Randolph Street, Chicago, IL 60607 (US).

(74) MAEBIUS, Stephen, R. et al. / etc.; Foley & Lardner, Suite 500, 3700 K Street N.W., Washington, DC 20007-5143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044553 (13) A2

(21) PCT/US2003/036001

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,077 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LEPIDOPTERA VOLTAGE-GATED CALCIUM CHANNELS
• CANAUX CALCIFIQUES DE <I>LEPIDOPTERA</I> DEPENDANTS D'UN POTENTIEL D'ACTION

(71) FMC CORPORATION [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WU, Shilan [CN/US]; 2901 Stonehedge Road, Edison, NJ 08820 (US). HAYASHI, Jon, H. [US/US]; 113 Cranbury Road, Princeton Junction, NJ 08550 (US). KINNE, Lyle, P. [US/US]; 10 Bernard Drive, Morrisville, PA 19067 (US). DIERKS, Peter, M. [US/US]; 262 Daleview Drive, Yardley, PA 19067 (US).

(74) SHEEHAN, John, M.; FMC Corporation, 1735 Market Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044554 (13) A2

(21) PCT/US2003/036019

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,322 12 Nov/nov 2002 US (12.11.2002)

(30) 60/511,644 17 Oct/oct 2003 US (17.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIAGNOSIS OF SEPSIS OR SIRS USING BIOMARKER PROFILES
• DIAGNOSTIC POUR LA SEPTICEMIE OU LE SIRS AU MOYEN DE PROFILS DE BIOMARQUEURS

(71) BECTON, DICKINSON AND COMPANY [US/US]; WEINTRAUB, Bruce

S., Esq., 1 Becton Drive, Mail Code 089, Franklin Lakes, NJ 07417-1880 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) IVEY, Richard [US/US]; 11 Shady Ridge Court, Parkton, MD 21120 (US). GENTLE, Thomas [US/US]; 710 Oakwood Drive, Red Lion, PA 17356 (US). MOORE, Richard [US/US]; 5537 Wool Mill Road, Glenville, PA 17329 (US). TOWNS, Michael [US/US]; 3 Ferns Court, Timonium, MD 21093 (US). BACHUR, Nicholas [US/US]; 750 Monkton Road, Monkton, MD 21111 (US). ROSENSTEIN, Robert [US/US]; 4273 Bright Bay Way, Ellicott City, MD 21042 (US). NADEAU, James [US/US]; 10311 Cromwell Court, Ellicott City, MD 21042 (US). GOLDENBAUM, Paul [US/US]; 3931 Brittany Lane, Hampstead, MD 21074 (US). SHI, Song [US/US]; 1916 Billy Barton Circle, Reisterstown, MD 21136 (US). COPERTINO, Donald [US/US]; 710 Hunter Way, Catonsville, MD 21228 (US). GARRETT, James [US/US]; 1002 Lichfield Road, Baltimore, MD 21239 (US). TICE, Gregory [US/US]; 3 Weston Court, Lutherville, MD 21093 (US).

(74) PATTON BOGGS LLP; NAMMO, Laura D., Esq., 8484 Westpark Drive, 9th Floor, McLean, VA 22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G01N

(11) WO 2004/044555 (13) A2

(21) PCT/US2003/036020

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,322 12 Nov/nov 2002 US (12.11.2002)

(30) 60/503,548 17 Sep/sep 2003 US (17.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIAGNOSIS OF SEPSIS OR SIRS USING BIOMARKER PROFILES
• DIAGNOSTIC DE LA SEPTICEMIE OU SIRS AU MOYEN DE PROFILS DE BIOMARQUEURS

(71) BECTON, DICKINSON AND COMPANY [US/US]; WEINTRAUB, Bruce S., Esq., 1 Becton Drive, Mail Code 089, Franklin Lakes, NJ 07417-1880 (US).
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(72, 75) IVEY, Richard [US/US]; 11 Shady Ridge Court, Parkton, MD 21120 (US). GENTLE, Thomas [US/US]; 710 Oakwood Drive, Red Lion, PA 17356 (US).

- MOORE, Richard** [US/US]; 5537 Wool Mill Road, Glenville, PA 17329 (US). **TOWNS, Michael** [US/US]; 3 Ferns Court, Timonium, MD 21093 (US). **SIUZDAK, Gary** [US/US]; 4080 Porte La Paz #9, San Diego, CA 92122 (US). **WANT, Elizabeth** [GB/US]; 1801 Diamond Street, Apt. 3-220, San Diego, CA 92109 (US). **SHEN, Zhouxin** [CN/US]; 8537 Donaker Street, San Diego, CA 92129 (US). **BACHUR, Nicholas** [US/US]; 750 Monkton Road, Monkton, MD 21111 (US). **ROSENSTEIN, Robert** [US/US]; 4273 Bright Bay Way, Ellicott City, MD 21042 (US). **NADEAU, James** [US/US]; 10311 Cromwell Court, Ellicott City, MD 21042 (US). **GOLDENBAUM, Paul** [US/US]; 3931 Brittany Lane, Hampstead, MD 21074 (US). **SHI, Song** [US/US]; 1916 Billy Barton Circle, Reisterstown, MD 21136 (US). **COPERTINO, Donald** [US/US]; 710 Hunter Way, Catonsville, MD 21228 (US). **GARRETT, James** [US/US]; 1002 Liethfield Road, Baltimore, MD 21239 (US). **TICE, Gregory** [US/US]; 3 Weston Court, Lutherville, MD 21093 (US).
- (74) **PATTON BOGGS LLP**; NAMMO, Laura D., Esq., 8484 Westpark Drive, 9th Floor, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) **WO 2004/044556** (13) A2
- (21) PCT/US2003/036021
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,322 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DIAGNOSIS OF SEPSIS OR SIRS USING BIOMARKER PROFILES
- DIAGNOSTIC DU SEPSIS OU DU SIRS AU MOYEN DE PROFILS DE MARQUEURS BIOLOGIQUES
- (71) **BECTON, DICKINSON AND COMPANY** [US/US]; WEINTRAUB, Bruce S., Esq., 1 Becton Drive, Mail Code 089, Franklin Lakes, NJ 07417-1880 (US).
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- (72, 75) **IVEY, Richard** [US/US]; 11 Shady Ridge Court, Parkton, MD 21120 (US). **GENTLE, Thomas** [US/US]; 710 Oakwood Drive, Red Lion, PA 17356 (US). **MOORE, Richard** [US/US]; 5537 Wool Mill Road, Glenville, PA 17329 (US). **TOWNS, Michael** [US/US]; 3 Ferns Court, Timonium, MD 21093 (US). **BACHUR, Nicholas** [US/US]; 750 Monkton Road, Monkton, MD 21111 (US). **ROSENSTEIN, Robert** [US/US]; 4273 Bright Bay Way, Ellicott City, MD 21042 (US). **GOLDENBAUM, Paul** [US/US]; 3931 Brittany Lane, Hampstead, MD 21074 (US). **SHI, Song** [US/US]; 1916 Billy Barton Circle, Reisterstown, MD 21136 (US). **COPERTINO, Donald** [US/US]; 710 Hunter Way, Catonsville, MD 21228 (US). **GARRETT, James** [US/US]; 1002 Liethfield Road, Baltimore, MD 21239 (US). **TICE, Gregory** [US/US]; 3 Weston Court, Lutherville, MD 21093 (US).
- (74) **PATTON BOGGS LLP**; NAMMO, Laura D., Esq., 8484 Westpark Drive, 9th Floor, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N
- (11) **WO 2004/044557** (13) A2
- (21) PCT/US2003/036366
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,488 12 Nov/nov 2002 US (12.11.2002)
- (30) 60/438,837 9 Jan/jan 2003 US (09.01.2003)
- (30) 60/439,395 10 Jan/jan 2003 US (10.01.2003)
- (30) 60/447,603 13 Feb/fév 2003 US (13.02.2003)
- (30) 10/616,533 9 Jul/juil 2003 US (09.07.2003)
- (30) 10/617,915 10 Jul/juil 2003 US (10.07.2003)
- (30) 60/516,352 31 Oct/oct 2003 US (31.10.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • NON-INVASIVE MEASUREMENT OF ANALYTES
- MESURE NON INVASIVE D'ANALYTES
- (63) US 10/617,915 (CIP)
US 10 Jul/juil 2003 (10.07.2003)
US 60/425,488 (CIP)
US 12 Nov/nov 2002 (12.11.2002)
US 10/616,533 (CIP)
US 9 Jul/juil 2003 (09.07.2003)
US 60/438,837 (CIP)
US 9 Jan/jan 2003 (09.01.2003)
US 60/439,395 (CIP)
US 10 Jan/jan 2003 (10.01.2003)
US Not furnished /
- non communiqué (CIP)
31 Oct/oct 2003 (31.10.2003)
- (71) **ARGOSE, INC.** [US/US]; 230 Second Avenue, Waltham, MA 02451 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WORKMAN, Jerome, J.** [US/US]; c/o Argose Inc., 230 Second Avenue, Waltham, MA 02451 (US). **LAMBERT, Christopher, R.** [US/US]; c/o Argose Inc., 230 Second Avenue, Waltham, MA 02451 (US). **COLEMAN, Robert, L.** [US/US]; c/o Argose Inc., 230 Second Avenue, Waltham, MA 02451 (US).
- (74) **ELRIFI, Ivor, R.**; Mintz, Levin, Cohn, Ferris, Glovsky, and Popeo, PC, One Financial Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/00
- (11) **WO 2004/044558** (13) A2
- (21) PCT/DK2003/000770
- (22) 8 Nov/nov 2003 (08.11.2003)
- (25) en (26) en
- (30) PA 200201755 14 Nov/nov 2002 DK (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A METHOD AND APPARATUS FOR DETERMINING A PROPERTY OF A SAMPLE
- PROCEDE ET APPAREIL DE DETERMINATION D'UNE PROPRIETE D'UN ECHANTILLON
- (71) **FOSS ANALYTICAL A/S** [DK/DK]; Slangerpugade 69., DK-3400 Hillerød (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RECHINGER, Bjørn** [DK/DK]; Lindehøjvej 31 B, DK-3460 Birkerød (DK). **HAUNSTRUP, Ib** [DK/DK]; Mosedybet 4, DK-2800 Bagsværd (DK).
- (74) **PLOUGMANN & VINGTOFT A/S**; Sundkrogsgade 9, DK-2100 Copenhagen (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/00
- (11) WO 2004/044559 (13) A2
- (21) PCT/US2003/035861
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 60/424,707 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR MODELING OF EDFA
- SYSTÈME, PROCÉDE ET PROGRAMME INFORMATIQUE SERVANT A MODELISER UN AMPLIFICATEUR OPTIQUE A FIBRE DOPEE A L'ERBIUM
- (71) FURUKAWA AMERICA, INC. [US/US]; Perryville Corporate Park, Perryville III, Clinton, NJ 08809 (US). OFS FITEL, LLC [US/US]; 2000 Northeast Expressway, Suite F020, Norcross, GA 30071 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) OHTSUKI, Tomoko [JP/US]; 941 Dylan Drive, Allentown, PA 18104 (US). MIURA, Jutarou [JP/JP]; 427 Green Fellows Furukawa, 3-4 Tatsumidai Higashi, Ichihara-shi, Chiba 290-0003 (JP). FUKUSUHIMA, Masaru [JP/JP]; 506 Furukawa Denko B-Ryou, Sumire-daira 13-27, Hiratsuka-shi, Kanagawa 254-0822 (JP). WANG, Baishi [US/US]; OFS, Specialty Photonics Division, 19 School House Road, Somerset, NJ 08873 (US).
- (74) LYTLE, Bradley, D.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street, Alexandria VA 22314 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/03, 21/59, 33/49
- (11) WO 2004/044560 (13) A1
- (21) PCT/IL2003/000958
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,300 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)

- (54) • PHOTOMETRIC DETERMINATION OF COAGULATION TIME IN UNDILUTED WHOLE BLOOD
- DÉTERMINATION PHOTOMETRIQUE DU TEMPS DE COAGULATION DU SANG ENTIER NON DILUÉ
- (71) INVERNESS MEDICAL SWITZERLAND GMBH [CH/CH]; Bundesplatz 10, CH-6300 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FISH, Falk [IL/IL]; 4 Hakim Street, Tel Aviv 69120 (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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ G01N 21/05, 30/74
- (11) WO 2004/044561 (13) A1
- (21) PCT/AU2003/001492
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 2002952602 12 Nov/nov 2002 AU (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FLOW THROUGH CELL FOR OPTICAL SPECTROSCOPY
- CUVETTE A CIRCULATION DE FLUIDE POUR SPECTROSCOPIE OPTIQUE
- (71) VARIAN AUSTRALIA PTY LTD [AU/AU]; 679 Springvale Road, Mulgrave, Victoria 3170 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BLAIR, Robert, William [AU/AU]; 11 Birkdale Close, Wantirna, Victoria 3152 (AU).
- (74) PHILLIPS ORMONDE & FITZPATRICK; 367 Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AU CN JP US.
- (84) EP (DE FR GB).
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- (51)⁷ G01N 21/47, 21/49, A61B 5/00, G02B 26/10, G01N 33/483, A61K 49/00
- (11) WO 2004/044562 (13) A1
- (21) PCT/CA2003/001705

- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) PCT/IB02/04698 11 Nov/nov 2002 IB (11.11.2002)
- (30) 10/317,856 12 Dec/déc 2002 US (12.12.2002)
- (30) 60/505,352 22 Sep/sep 2003 US (22.09.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR TIME RESOLVED OPTICAL IMAGING OF BIOLOGICAL TISSUES AS PART OF ANIMALS
- PROCÉDE ET APPAREIL POUR IMAGERIE OPTIQUE A RESOLUTION TEMPORELLE DE TISSUS BIOLOGIQUES D'ANIMAUX
- (71) ART ADVANCED RESEARCH TECHNOLOGIES INC. [CA/CA]; 2300 Alfred-Nobel Blvd., Saint-Laurent, Québec H4S 2S4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) LONG, William, F. [CA/CA]; 570 Charest Blvd. East, Suite 304, Québec, Québec G1K 9G3 (CA). BERUBE-LAUZIERE, Yves [CA/CA]; 4400 rue Barrette, Sherbrooke, Québec J1L 1T8 (CA). HALL, David, J. [GB/CA]; 3445 Drummond, Suite 1005, Montreal, Québec H3G 1X9 (CA). MCINTOSH, Laura [CA/CA]; 2950 Sommerset, Saint-Laurent, Québec H4K 1R5 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G01N 21/64
- (11) WO 2004/044563 (13) A1
- (21) PCT/GB2003/004871
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 0226356.4 12 Nov/nov 2002 GB (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A METHOD OF ANALYSING A SAMPLE IN ORDER TO EVALUATE AT LEAST ONE PROPERTY OF THE SAMPLE
- PROCÉDE D'ANALYSE D'UN ÉCHANTILLON AFIN D'ÉVALUER AU MOINS UNE PROPRIÉTÉ DE L'ÉCHANTILLON

(71) **MULTIPLEX PHOTONICS LIMITED** [GB/GB]; Unit 6 Greenheys Centre, Manchester Science Park, Manchester ME15 6JJ (GB).

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(72, 75) **REGA, Carlos, Alberto** [ES/GB]; 13 Wood Street, Hollingworth, Hyde, Cheshire SK14 8NL (GB). **LLOYD, Christopher, James** [GB/GB]; 117 Market Street, Hollingworth, Hyde, Cheshire SK14 8HY (GB). **CLARKE, David, John** [GB/GB]; 6 Fields Drive, Sandbach, Cheshire CW11 1YB (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 21/64

(11) WO 2004/044564 (13) A1

(21) PCT/JP2003/014421

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330787 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEASURING INSTRUMENT AND FLUOROMETRIC METHOD
• INSTRUMENT DE MESURE ET PROCEDE FLUOROMETRIQUE

(71) **ARKRAY, INC.** [JP/JP]; 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).

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(72, 75) **NAKAJIMA, Shinya** [JP/JP]; c/o ARKRAY, INC., 57, Nishiaketa-cho, Higashikujo, Minami-ku, Kyoto-shi, Kyoto 601-8045 (JP).

(74) **IKEUCHI SATO & PARTNER PATENT ATTORNEYS**; 26th Floor, OAP TOWER, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 21/84

(11) WO 2004/044565 (13) A1

(21) PCT/JP2003/014552

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ja (26) ja

(30) 2002-331413 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIGHT INTENSITY ADJUSTING SYSTEM
• SYSTEME DE REGLAGE DE L'INTENSITE LUMINEUSE

(71) **CCS INC.** [JP/JP]; 374, Oukakuen-cho, Shimodachiuriagaru, Karasuma-dori, Kamigyo-ku, Kyoto-city, Kyoto 602-8011 (JP).

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(72, 75) **YONEDA, Kenji** [JP/JP]; 374, Oukakuen-cho, Shimodachiuriagaru, Karasuma-dori, Kamigyo-ku, Kyoto-city, Kyoto 602-8011 (JP). **HIROOKA, Shigehide** [JP/JP]; 374, Oukakuen-cho, Shimodachiuriagaru, Karasuma-dori, Kamigyo-ku, Kyoto-city, Kyoto 602-8011 (JP).

(74) **NISHIMURA, Ryuhei**; 15-6, Iwakakakiuti-cho, Kamigamo, Kita-ku, Kyoto-city, Kyoto 603-8053 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 21/898, 21/89, 33/46, G01B 11/30

(11) WO 2004/044566 (13) A1

(21) PCT/EP2003/012569

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) A 1717/2002 14 Nov/nov 2002 AT (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE AND METHOD FOR THE RECORDING OF THE SURFACE CHARACTERISTICS OF A FIBROUS STRUCTURED LONG OBJECT
• DISPOSITIF ET PROCÉDÉ D'ENREGISTREMENT DES CARACTÉRISTIQUES DE SURFACE D'UN OBJET ALLONGÉ À STRUCTURE FIBREUSE

(71) **MICROTEC S.R.L.** [IT/IT]; Via Julius Durst, 98, I-39042 Bressanone (IT).

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(72, 75) **GIUDICEANDREA, Federico** [IT/IT]; Via Portici Minori, 8, I-39042 Bressanone (IT). **BOSCHETTI, Marco** [IT/IT]; Via alle Campanelle, 37, I-38100 Trento (IT).

(74) **GALISE, Francesco**; Bugnion SPA, Via Perathoner 31, I-39100 Bolzano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 23/04, B07C 5/34

(11) WO 2004/044567 (13) A1

(21) PCT/EP2003/012632

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 202 17 559.6 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR EXAMINING FILLED CONTAINERS USING OBLIQUELY EMITTED X-RAYS
• SYSTEME POUR INSPECTER DES CONTENANTS PLEINS A L'AIDE DE RAYONS X A INCIDENCE OBLIQUE

(71) **HEUFT SYSTEMTECHNIK GMBH** [DE/DE]; Brohltalstrasse 31-33, 56659 Burgbrohl (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEUFT, Bernhard** [DE/DE]; Lindenstrasse 7, 56659 Burgbrohl (DE). **POLSTER, Wolfgang** [DE/DE]; Cranachstr. 9a, 56626 Andernach (DE).

(74) **ABITZ, Walter et al.** / etc.; Abitz & Partner, Poschingerstrasse 6, 81628 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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, H05K 3/00, B23K 26/00

(11) WO 2004/044568 (13) A1

(21) PCT/JP2003/013709

(22) 27 Oct/oct 2003 (27.10.2003)

(25) ja (26) ja

(30) 2002-327694 12 Nov/nov 2002 JP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR MEASURING
AMOUNT OF HEAT IN METAL FOIL,
METHOD FOR ADJUSTING SUR-
FACE CHARACTERISTICS, LASER
DRILLING METHOD, AND APPARA-
TUS FOR MEASURING AMOUNT OF
HEAT

• PROCEDE DE MESURE DE LA QUAN-
TITE DE CHALEUR DANS UNE
FEUILLE METALLIQUE, PROCEDE
DE REGLAGE DE CARACTERIS-
TIQUES DE SURFACE, PROCEDE DE
PERÇAGE PAR LASER ET DISPOSI-
TIF PERMETTANT DE MESURER LA
QUANTITE DE CHALEUR

(71) NIKKO MATERIALS CO., LTD. [JP/JP];
10-1, Toranomon 2-chome, Minato-ku,
Tokyo 105-8407 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SAKAMOTO, Masaru [JP/JP]; c/o
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3-3-1, Shirogane-cho, Hitachi-city, Ibaraki
317-0056 (JP). ARAI, Hideta [JP/JP]; c/o
Nikko Materials Co., Ltd., GNF Plant,
3-3-1, Shirogane-cho, Hitachi-city, Ibaraki
317-0056 (JP). WANG, Jiangtao [CN/US];
2496 Derbyshire Rd, #3, Cleveland Hts, OH
44106 (US).

(74) OGOSHI, Isamu; Ogoshi International
Patent Office, Toranomon 9 Mori Bldg.
3F, 2-2, Atago 1-chome, Minato-ku, Tokyo
105-0002 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

Published / Publiée : (b)

(51)⁷ G01N 27/00

(11) WO 2004/044569 (13) A2

(21) PCT/US2003/035489

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,135 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEMS MEMBRANE BASED SENSOR

• CAPTEUR COMPRENANT UNE MEM-
BRANE MICROÉLECTROMÉCA-
NIQUE

(71) CARNEGIE MELLON UNIVERSITY
[US/US]; 4615 Forbes Avenue, Pittsburgh,
PA 15213 (US).

(72) HAUAN, Steinar; 135 Bailey Avenue,
Pittsburgh, PA 15211 (US). NEUMANN,
John; 548 Loretto Road, Pittsburgh, PA
15217 (US). BARTKOVSKY, Michael;
578 Hilltop Road, Peckville, PA 18452
(US). PRZYBYCIEN, Todd, M.; 2416
Traci Drive, Pittsburgh, PA 15237 (US).
GABRIEL, Kaighan, J.; 5501 Aylesboro
Avenue, Pittsburgh, PA 15217 (US).

(74) PENCOSKE, Edward, L.; Thorp Reed
& Armstrong, LLP, One Oxford Center,
14th Floor, 301 Grant Street, Pittsburgh, PA
15219-1425 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 G01N 27/02

(11) WO 2004/044570 (13) A1

(21) PCT/JP2003/012499

(22) 30 Sep/sep 2003 (30.09.2003)

(25) ja (26) ja

(30) 2002-331059 14 Nov/nov 2002 JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF DETECTING HY-
BRIDIZATION

• PROCEDE DE DETECTION D'HYBRI-
DATION

(71) TOYAMA PREFECTURE [JP/JP]; 1-7,
Shinsokawa, Toyama-shi, Toyama 930-8501
(JP). COSEL CO., LTD. [JP/JP]; 6-43,
Kamiakae-machi 1-chome, Toyama-shi,
Toyama 930-0816 (JP). TATEYAMA KA-
GAKU INDUSTRY CO., LTD. [JP/JP];
1583, Oizumi, Toyama-shi, Toyama
939-8058 (JP). TOYO KAKO CO.,
LTD. [JP/JP]; 1350, Shimoumezawa,
Namerikawa-shi, Toyama 936-0857 (JP).

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les États désignés sauf US)

(72, 75) TERASAWA, Takashi [JP/JP]; c/o
Machinery & Electronics Research Insti-
tute, Toyama Industrial Technology Center,
383, Takata, Toyama-shi, Toyama 930-0866
(JP). KADOSAKI, Masahiro [JP/JP]; c/o
Machinery & Electronics Research Insti-
tute, Toyama Industrial Technology Center,
383, Takata, Toyama-shi, Toyama 930-0866
(JP). MAKIMURA, Megumi [JP/JP]; c/o
Machinery & Electronics Research Insti-
tute, Toyama Industrial Technology Center,
383, Takata, Toyama-shi, Toyama 930-0866
(JP). FUJIKI, Satoshi [JP/JP]; c/o Ma-
chinery & Electronics Research Institute,
Toyama Industrial Technology Center, 383,
Takata, Toyama-shi, Toyama 930-0866

(JP). TANINO, Katsumi [JP/JP]; c/o Ma-
chinery & Electronics Research Institute,
Toyama Industrial Technology Center, 383,
Takata, Toyama-shi, Toyama 930-0866
(JP). NAKAGAWA, Akira [JP/JP]; c/o
Machinery & Electronics Research Insti-
tute, Toyama Industrial Technology Cen-
ter, 383, Takata, Toyama-shi, Toyama
930-0866 (JP). MIZUHARA, Takashi
[JP/JP]; c/o Cosel Co., Ltd., 6-43, Kami-
akae-machi 1-chome, Toyama-shi, Toyama
930-0816 (JP). MIZUSHIMA, Masanori
[JP/JP]; 3-1-40, Yagiya-minami, Tai-
haku-ku, Sendai-shi, Miyagi 982-0807
(JP). NAKADA, Morihito [JP/JP]; c/o
Toyokako Co., Ltd., 1350, Shimoumezawa,
Namerikawa-shi, Toyama 936-0857 (JP).

(74) SIKS & CO.; 8th Floor, Kyobashi-Nisshoku
Bldg., 8-7, Kyobashi 1-chome, Chuo-ku,
Tokyo 104-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC 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 G01N 27/28, 33/487

(11) WO 2004/044571 (13) A1

(21) PCT/DE2003/003784

(22) 14 Nov/nov 2003 (14.11.2003)

(25) de (26) de

(30) 102 53 154.4 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEASURING APPARATUS USED FOR
DETERMINING AN ANALYTE IN
A LIQUID SAMPLE, COMPRISING
POLYMER ELECTRONIC COMPO-
NENTS

• APPAREIL DE MESURE POUR DE-
TERMINER UN ANALYTE DANS UN
ECHANTILLON LIQUIDE COMPOR-
TANT DES COMPOSANTS ELECTRO-
NIQUES POLYMERES

(71) SIEMENS AKTIENGESSELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE). ROCHE DIAGNOSTICS
GMBH [DE/DE]; Sandhofer Str. 116, 68305
Mannheim (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) CLEMENS, Wolfgang [DE/DE]; Ko-
mnstr. 5, 90617 Puschendorf (DE). GERLT,
Axel [DE/DE]; Riemenschneiderstr. 43,
90766 Fürth (DE). RÖSCKE, Bernd
[DE/DE]; Unter den Birken 6, 68305
Mannheim (DE).

(74) LOUIS PÖHLAU LOHRENTZ; Postfach
3055, 90014 Nürnberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

DMDZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G01N 27/414

(11) WO 2004/044572 (13) A1

(21) PCT/EP2002/012785

(22) 14 Nov/nov 2002 (14.11.2002)

(25) de (26) de

(43) 27 May/mai 2004 (27.05.2004)

- (54) • ION-SENSITIVE FIELD EFFECT
TRANSISTOR AND METHOD FOR
PRODUCING AN ION-SENSITIVE
FIELD EFFECT TRANSISTOR

- TRANSISTOR A EFFET DE CHAMP IS-
FET ET PROCEDE POUR PRODUIRE
UN TRANSISTOR A EFFET DE CHAMP
ISFET

- (71) FRAUNHOFER-GESELLSCHAFT ZUR
FÖRDERUNG DER ANGEWANDTEN
FORSCHUNG E. V. [DE/DE]; Leonrod-
strasse 54, 80636 München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) KURTH, Eberhard [DE/DE]; Am
Walthersgrund 4, 01468 Moritzburg
(DE). KUNATH, Christian [DE/DE];
Röhnitzer Mühlweg 68, 01108 Dresden
(DE). GRÜGER, Heinrich [DE/DE]; Am
Steinacker 44, 01109 Dresden (DE).

- (74) SCHOPPE, Fritz et al. / etc.; Schoppe, Zim-
mermann, Stöckeler & Zinkler, Postfach 246,
82043 Pullach b. München (DE).

(81) US.

- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ G01N 27/414, 33/543

(11) WO 2004/044573 (13) A1

(21) PCT/IL2003/000941

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 152746 11 Nov/nov 2002 IL
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • TRANSISTOR-BASED BIOSEN-
SORS HAVING GATE ELEC-
TRODES COATED WITH RECEPTOR
MOLECULES

- BIOCAPTEURS BASES SUR UN
TRANSISTOR PRESENTANT DES
ELECTRODES DE GRILLE REVETUES
DE MOLECULES RECEPTRICES

- (71) YISSUM RESEARCH DEVELOPMENT
COMPANY OF THE HEBREW UNI-
VERSITY OF JERUSALEM [IL/IL]; Hi

Tech Park, Edmond Safra Campus, Givat
Ram, 91390 Jerusalem (IL).

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les États désignés sauf US)

- (72, 75) YITZCHAIK, Shlomo [IL/IL]; 6/1
Davidson Street, 93708 Jerusalem (IL).
SPIRA, Micha [IL/IL]; 7 Malki Street,
Yemin Moshe, 94102 Jerusalem (IL). SHAP-
PIR, Joseph [IL/IL]; 30 Hermon Street,
90805 Mevasseret Zion (IL).

- (74) REINHOLD COHN AND PARTNERS;
P.O.Box 4060, 61040 Tel Aviv (IL).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G01N 27/447

(11) WO 2004/044574 (13) A1

(21) PCT/EP2003/012320

(22) 5 Nov/nov 2003 (05.11.2003)

(25) de (26) de

(30) 102 52 177.8 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DEVICE FOR SEPARATING AND
METHOD FOR SEPARATING A
BIOMOLECULAR SUBSTANCE SAM-
PLE

- DISPOSITIF DE SEPARATION ET
PROCEDE DE SEPARATION POUR
ECHANTILLON DE MATIERE BIO-
MOLECULAIRE

- (71) F.HOFFMANN-LA ROCHE AG
[CH/CH]; Grenzacherstrasse 124, CH-4070
Basel (CH).

(only for / seulement pour AE AG AL AM AT
AU AZ BA BB BE BG BR BY BZ CA CH CN
CO CR CU CY CZ DK DM DZ EC EE EG ES
FI FR GB GD GE GH GM GR HR HU ID IL
IN IS JP 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 SZ TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW)

- (71) ROCHE DIAGNOSTICS GMBH
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Mannheim (DE).

(only for / seulement pour DE)

- (72, 75) RÖDER, Albert [DE/DE]; Nördliche
Seestrasse 12, 82541 Münsing (DE).
RAINER, Alois [DE/DE]; Gundelkofer-
strasse 1, 80939 München (DE). HÖLTKE,
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82404 Sindelsdorf (DE). EFFENHAUSER,
Carlo [DE/DE]; Am Ziegelhof 4, 69469
Weinheim (DE). BERNDT, Peter [DE/CH];
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Wolfischbühl 27/4, 79585 Steinen (DE).
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- (74) PFIZ, Thomas, et al. / etc.; Wolf & Lutz,
Hauptmannsreute 93, 70193 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
DMDZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 27/447, B01L 3/00

(11) WO 2004/044575 (13) A2

(21) PCT/US2003/035962

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/291,088 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • APPARATUS AND METHOD FOR
CONFINING ELUTED SAMPLES IN
ELECTROPHORESIS SYSTEMS

- DISPOSITIF ET PROCEDE DES-
TINES A CONFINER DES ECHAN-
TILLONS ELUES DANS DES SYS-
TEMES D'ELECTROPHORESE

- (71) APPLERA CORPORATION [US/US];
850 Lincoln Centre Drive, Foster City, CA
94404-1128 (US).

- (72) BAHATT, Dar; 677 Bounty Drive, Apt.
201U, Foster City, CA 94404 (US).
KOWALLIS, Reid; 2875 Canyon Road,
Burlingame, CA 94010 (US).

- (74) MAKROGIANNIS, Phil et al. / etc.; 850
Lincoln Centre Drive, Foster City, CA 94404-
1128 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DMDZ EC EE EG ES FI FR GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
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 G01N 27/60

(11) WO 2004/044576 (13) A1

(21) PCT/RU2003/000493

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ru (26) ru

(30) 2002130523 14 Nov/nov 2002 RU
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR DETERMINING THE
OXIDANT/ANTIOXIDANT ACTIVITY
OF A SUBSTANCE

• PROCEDE POUR DETERMINER L'AC-
TIVITE OXYDANTE / ANTIOXY-
DANTE D'UN COMPOSE

(71) OBSHESTVO S OGRANICHENNOI
OTVETSTVENNOSTJU NAUCHNO-
PROIZVODSTVENNOE VNEDRENCH-
ESKOE PREDPRIYATIE "IVA"
[RU/RU]; ul. 8 Marta, 62, Ekaterin-
burg, 620219 (RU). URALSKY GOSU-
DARSTVENNIY EKONOMICHESKY
UNIVERSITET [RU/RU]; ul. 8 Marta, 62,
Ekaterinburg, 620219 (RU).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRAININA, Hiena Zalmanovna
[RU/RU]; ul. A. Valeka, 12-11, Ekaterin-
burg, 620077 (RU). IVANOVA, Alla
Vladimirovna [RU/RU]; ul. Scherbakova,
3-2-24, Ekaterinburg, 620087 (RU).

(74) SKIBNEVSKY, Andrei Yurievich; Patent
Information Agency, Raushskaya nab., 4/5,
Moscow, 113834 (RU).

(81) BR CN KR US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G01N 33/20, B23K 1/00, 1/08, H05K 3/34

(11) WO 2004/044577 (13) A1

(21) PCT/JP2002/011858

(22) 14 Nov/nov 2002 (14.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONVENIENT METHOD AND APPA-
RATUS FOR ANALYZING SOLDER
COMPONENT

• PROCEDE ET APPAREIL ADAPTES
D'ANALYSE D'UN COMPOSANT DE
BRASURE

(71) F AND S LTD. [JP/JP]; 2-21-18, Kakemama,
Ichikawa-shi, Chiba 272-0142 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) YOKOI, Shigemi [JP/JP]; 2-21-18,
Kakemama, Ichikawa-shi, Chiba 272-0142
(JP).

(74) IGARASHI, Kazutoshi et al. / etc.; Swan
INTERNATIONAL PATENT & TRADE-
MARK OFFICE, K.S Bldg., 5, Kojimachi
4-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01N 33/20, F27D 3/15, C22B 1/00

(11) WO 2004/044578 (13) A1

(21) PCT/ZA2003/000132

(22) 12 Sep/sep 2003 (12.09.2003)

(25) en (26) en

(30) 02/9262 14 Nov/nov 2002 ZA
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SEPARATING VESSEL

• CUVE DE SEPARATION

(71) INNOVATIVE MET PRODUCTS (PTY)
LIMITED [ZA/ZA]; Corner Commissioner
& Christopher Streets, Boksburg East Indus-
trial Township, 1459 Boksburg (ZA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) HOHENSTEIN, Boyne, Friedrich
[ZA/ZA]; Corner Commissioner & Christo-
pher Streets, Boksburg East Industrial Town-
ship, 1459 Boksburg (ZA).

(74) LE ROUX, Marius; D.M. Kisch, P.O. Box
781218, 2146 Sandton (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G01N 33/36, 21/89, 21/25

(11) WO 2004/044579 (13) A1

(21) PCT/CH2003/000727

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 1901/02 13 Nov/nov 2002 CH
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR SCANNING A THREAD
BY AN OPTICAL BEAM

• DISPOSITIF DE BALAYAGE D'UN
FIL AU MOYEN D'UN RAYON LUMI-
NEUX

(71) USTER TECHNOLOGIES AG [CH/CH];
Wilstrasse 11, CH-8610 Uster (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) OTT, Philipp [CH/CH]; Im Moos,
CH-8342 Wernetshausen (CH).

(81) CN IN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G01N 33/50, C07K 14/72

(11) WO 2004/044580 (13) A1

(21) PCT/EP2003/012121

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 02025100.5 13 Nov/nov 2002 EP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIAGNOSTICS AND THERAPEUTICS
FOR DISEASES ASSOCIATED WITH
HUMAN ENDOTHELIAL DIFFEREN-
TIATION, LYSOPHOSPHATIDIC ACID
G-PROTEIN-COUPLED RECEPTOR 2
(EDG2)

• DIAGNOSTICS ET THÉRAPEU-
TIQUES DESTINÉS À DES MALA-
DIES ASSOCIÉES AU RÉCEPTEUR
HUMAIN 2 COUPLÉ AUX PROTÉINES
G (EDG2) D'ACIDE LYSOPHOSPHA-
TIDIQUE, DE DIFFÉRENTIATION
ENDOTHÉLIALE

(71) BAYER HEALTHCARE AG [DE/DE];
51368 Leverkusen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GOLZ, Stefan [DE/DE]; Bückmanns-
mühle 46, 45326 Essen (DE). BRÜGGE-
MEIER, Ulf [DE/DE]; Leysiefen 20, 42799
Leichlingen (DE). SUMMER, Holger
[DE/DE]; Borsigstr. 6, 42113 Wuppertal
(DE).

(74) BAYER HEALTHCARE AG; Law and
Patents, Patents and Licensing, 51368 Lev-
erkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/044581 (13) A2

(21) PCT/GB2003/004930

(22) 13 Nov/nov 2003 (13.11.2003)

- (25) en (26) en
- (30) 0226497.6 13 Nov/nov 2002 GB
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • TRANSCRIPTIONAL REGULATION OF A THERAPEUTICALLY USEFUL GENE
- REGULATION TRANSCRIPTIONNELLE D'UN GENE UTILE EN THERAPIE
- (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) MACKENZIE, Ian [GB/GB]; Nuffield Department of Obstetrics & Gynaecology, John Radcliffe Hospital, Headley Way, Headington, Oxford OS3 9DU (GB). REES, Constance, M., P. [GB/GB]; Nuffield Department of Obstetrics & Gynaecology, John Radcliffe Hospital, Headley Way, Headington, Oxford OS3 9DU (GB). NIKITENKO, Leonid, L. [RU/GB]; Nuffield Department of Obstetrics & Gynaecology, John Radcliffe Hospital, Headley Way, Headington, Oxford OS3 9DU (GB). BICKNELL, Roy [GB/GB]; The Weatherall Institute of Molecular Medicine, University of Oxford, Headley Way, Headington, Oxford OS3 9DU (GB). SMITH, David, Michael [GB/GB]; Imperial College School of Medicine, Hammersmith Hospital, Ducane Road, London W12 0NN (GB).
- (74) IRVINE, Jonquil, Claire 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 LT LU LV MA MD MG MN MX MY NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 33/50, 33/569, A61K 49/00
- (11) WO 2004/044582 (13) A2
- (21) PCT/EP2003/012710
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/426,245 14 Nov/nov 2002 US
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ANTIMICROBIAL MEDIATED OZONE GENERATION
- PRODUCTION D'OZONE INDUITE PAR DES ANTIMICROBIENS
- (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 N. Torrey Pines Road, La Jolla, CA 92037 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WENTWORTH, Paul [GB/US]; 5291 Ruelle De Mer, San Diego, CA 92130 (US). LERNER, Richard, A. [US/US]; 7750 East Roseland Drive, La Jolla, CA 92037 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LT LU LV MA MD MK MN MX NI NO NZ OM PG PH PL PT RO RU SC SE SG SK SY TJ TM TN TR TT UA US UZ VC VN YU ZA ZW.
- (84) EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ G01N 33/53, 33/543, H01J 37/00, G01B 9/02
- (11) WO 2004/044583 (13) A1
- (21) PCT/US2002/036444
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/425,132 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SURFACES WITH GRADIENTS IN SURFACE TOPOGRAPHY
- SURFACES PRESENTANT DES GRADIENTS DE TOPOGRAPHIE SUPERFICIELLE
- (71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 North Walnut Street, P.O. Box 7365, Madison, WI 53707-7365 (US).
- (72) ABBOTT, Nicholas; 2120 Jefferson Street, Madison, WI 53711 (US). LUK, Yan-Yeung; 2130 University Avenue, Apt. 77, Madison, WI 53705 (US). TINGEY, Matthew; 3329 Leopold Way, #104, Madison, WI 53713 (US).
- (74) FRIEDRICHSEN, Bernard; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).
- (81) AU CA.
-
- (51)⁷ G01N 33/542, 33/566, 33/569, C07K 16/28, G01N 15/14
- (11) WO 2004/044584 (13) A1
- (21) PCT/EP2003/012664
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 02025335.7 13 Nov/nov 2002 EP
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR IDENTIFYING ANTIGEN SPECIFIC B CELLS
- PROCEDE D'IDENTIFICATION DE CELLULES B SPECIFIQUES D'UN ANTIGENE
- (71) MICROMET AG [DE/DE]; Staffelseestrasse 2, 81477 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BÄUERLE, Patrick [DE/DE]; Waldpromenade 18C, 82131 Gauting (DE). HOFFMANN, Patrick [DE/DE]; Ludwig-März-Strasse 51, 82377 Penzberg (DE). WEINBERGER, Susanne [DE/DE]; Steinerstrasse 13, 81247 München (DE). KISCHEL, Roman [DE/DE]; Blumenstrasse 1, 85604 Zorneding (DE).
- (74) VOSSIUS & PARTNER; Siebertstrasse 4, 81675 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G01N 33/543
- (11) WO 2004/044585 (13) A1
- (21) PCT/CA2003/001757
- (22) 14 Nov/nov 2003 (14.11.2003)
- (25) en (26) en
- (30) 60/426,018 14 Nov/nov 2002 US
(14.11.2002)
- (30) 2,411,827 14 Nov/nov 2002 CA
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD OF IMMOBILIZING MEMBRANE-ASSOCIATED MOLECULES
- PROCEDE D'IMMOBILISATION DE MOLECULES ASSOCIEES AUX MEMBRANES
- (71) MCMASTER UNIVERSITY [CA/CA]; 1280 Main Street West, GH306, Hamilton, Ontario L8S 4L8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRENNAN, John, D. [CA/CA]; 203 Pleasant Avenue, Dundas, Ontario L9H 3V5 (CA). BROOK, Michael, A. [CA/CA]; 165 Charterhouse Cr., Ancaster, Ontario L9G 4M4 (CA). BESANGER, Travis [CA/CA]; 69 Dundas St. (Lower Unit), Dundas, Ontario L9H 1A3 (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

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G01N 33/574, 33/564

(11) WO 2004/044590 (13) A1

(21) PCT/GB2003/004950

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226622.9 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TUMOUR MARKER PROTEINS AND USES THEREOF

• PROTEINES MARQUEURS DE TUMEURS ET LEURS UTILISATIONS

(71) **THE UNIVERSITY OF NOTTINGHAM** [GB/GB]; University Park, Nottingham NG7 2RD (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBERTSON, John, Forsyth, Russell** [GB/GB]; 16 Barratt Lane, Attenborough, Nottingham NG7 2RD (GB). **GRAVES, Catherine, Rosamund, Louise** [GB/GB]; 6 Lindy Close, Kinoulton, Nottingham NG7 3RD (GB).

(74) **BALDOCK, Sharon, Claire 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN

TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01N 33/68

(11) WO 2004/044591 (13) A2

(21) PCT/DK2003/000776

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) PA 2002 01754 14 Nov/nov 2002 DK (14.11.2002)

(30) PA 2003 00385 14 Mar/mar 2003 DK (14.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • USE OF NRS

• UTILISATION DE RECEPTEURS HORMONAUX NUCLEAIRES

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsvaerd (DK). **SCHERING AKTIENGESSELLSCHAFT** [DE/DE]; Müllerstrasse 178, 13342 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRØNDAHL, Christian** [DK/DK]; Christian Grøndahl, Irisvej 19, DK-3500 Værløse (DK).

(74) **NOVO NORDISK A/S**; Novo Allé, DK-2880 Bagsvaerd (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, A01K 67/027, C07K 16/18, 14/47, G01N 33/50, A61K 39/395

(11) WO 2004/044592 (13) A1

(21) PCT/EP2003/012516

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 02025178.1 11 Nov/nov 2002 EP (11.11.2002)

(30) 60/425,248 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIAGNOSTIC AND THERAPEUTIC USE OF ARL7 FOR ALZHEIMER'S DISEASE

• UTILISATION DIAGNOSTIQUE ET THERAPEUTIQUE DE LA PROTEINE ET DU ARL7 DANS LA MALADIE D'ALZHEIMER

(71) **EVOTEC NEUROSCIENCES GMBH** [DE/DE]; Schnackenburgallee 114, 22525 Hamburg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POHLNER, Johannes** [DE/DE]; Quittenweg 11, 22175 Hamburg (DE). **VON DER KAMMER, Heinz** [DE/DE]; Verbindungsstr. 6d, 22607 Hamburg (DE).

(74) **MEYERS, Hans-Wilhelm et al.** / etc.; von Kreisler Seltling Werner, P.O. Box 10 22 41, 50462 Cologne (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01P 3/487

(11) WO 2004/044593 (13) A1

(21) PCT/EP2003/012695

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 102 53 122.6 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM FOR DETECTING THE ROTATIONAL MOTION OF A SHAFT

• SYSTEME POUR DETECTER LE MOUVEMENT DE ROTATION D'UN ARBRE

(71) **CARL FREUDENBERG KG** [DE/DE]; Höhrnerweg 2-4, 69469 Weinheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMMERER, Eric** [FR/FR]; 14, place de Verdun, FR-5220 Langres (FR). **LUTAUD, Dominique** [FR/FR]; Ancien Presbytère, FR-52360 Orbigny au Mont (FR).

(74) **CARL FREUDENBERG KG**; Patente und Marken, 69465 Weinheim (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 GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL RO RU SC SD SG SK SL SY TJ TM TN TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 G01R

(11) WO 2004/044594 (13) A2

(21) PCT/US2003/034186

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 60/424,606 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOVING BELT SENSOR

• DETECTEUR POUR BANDE TRANS-
PORTEUSE

(71) THE JOHNS HOPKINS UNIVERSITY
[US/US]; 34th and Charles Streets, Balti-
more, MD 21218 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) NELSON, Carl V., [US/US]; 5605 Grif-
fith Farm Road, Rockville, MD 20855 (US).

(74) COOCH, Francis A., 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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G01R

(11) WO 2004/044595 (13) A2

(21) PCT/US2003/035944

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,459 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MAGNETIC FIELD SENSOR WITH
AUGMENTED MAGNETORESISTIVE
SENSING LAYER

• CAPTEUR DE CHAMP MAGNETIQUE
POSSEDANT UNE COUCHE DE DE-
TECTION MAGNETORESISTIVE MA-
JOREE

(71) NVE CORPORATION [US/US]; 11409
Valley View Road, Eden Prairie, MN 55344
(US).

(72) QIAN, Zhenghong; c/o NVE CORPO-
RATION, 11409 Valley View Road, Eden
Prairie, MN 55344 (US). DAUGHTON,

James, M.; c/o NVE CORPORATION,
11409 Valley View Road, Eden Prairie,
MN 55344 (US). WANG, Dexin; c/o NVE
CORPORATION, 11409 Valley View Road,
Eden Prairie, MN 55344 (US). TONDRA,
Mark, C.; c/o NVE CORPORATION, 11409
Valley View Road, Eden Prairie, MN 55344
(US).

(74) NEILS, Theodore, F. et al. / etc.; KINNEY
& LANGE, P.A., Kinney & Lange Building,
312 South Third Street, Minneapolis, MN
55415-1002 (US).

(81) JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G01R

(11) WO 2004/044596 (13) A2

(21) PCT/US2003/036017

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,407 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEFECT ANALYZER

• ANALYSEUR DE DEFAULTS

(71) FEI COMPANY [US/US]; 5350 NE Daw-
son Creek Drive, Hillsboro, OR 97124 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TESHIMA, Janet [US/US]; 21000 SW
McCormick Hill Rd., Hillsboro, OR 97123
(US). PARTIN, Daniel, E. [US/US]; 1505
NE Cornell Rd., Hillsboro, OR 97124 (US).
HUDSON, James, E. [US/US]; 1244 SW
Upland Dr., Portland, OR 97221 (US).

(74) SCHEINBERG, Michael, O.; P.O. Box
164140, Austin, TX 78716-4140 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 G01R 29/00

(11) WO 2004/044597 (13) A2

(21) PCT/EP2003/012642

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 102 52 869.1 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE AND METHOD FOR DETER-
MINING THE ABSENCE OF APPLICA-
TION OF STRESSES ON POLYPHASE
ELECTRICAL TRANSMISSION LINES

• DISPOSITIF ET PROCEDE POUR DE-
TERMINER L'ABSENCE D'APPLICA-
TION DE CONTRAINTES SUR DES
LIGNES ELECTRIQUES POLYPHA-
SEES

(71) PFALZWERKE AKTIENGE-
SELLSCHAFT [DE/DE]; Kurfürstenstrasse
29, 67061 Ludwigshafen (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WERNER, Christian [DE/DE]; Raif-
feisenstrasse 6, 67251 Freinsheim (DE).
RÖHRENBECK, Gerhard [DE/DE];
Mühlstrasse 44a, 67229 Laumersheim (DE).

(74) REBLE & KLOSE; Patente + Marken, Post-
fach 12 15 19, 68066 Mannheim (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 (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G01R 31/00, G07C 5/08

(11) WO 2004/044598 (13) A1

(21) PCT/IB2003/005007

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,419 11 Nov/nov 2002 US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR DIAG-
NOSTIC OF VEHICLES

• PROCEDE ET SYSTEME DE DIAG-
NOSTIC DE VEHICULES

(71) EATON CORPORATION [US/US]; Eaton
Center, 1111 Superior Avenue, Cleveland,
OH 44114-2584 (US).

(72) STARKS, Matthew, W.; 7675 11 Mile Road,
Burlington, MI 49029 (US). BIDASSIE, Bal-
matee; 2315 Lorraine Ave., Kalamazoo, MI
49008 (US). MELVIN, Steven, L.; 10481
Tomkinson Dr., Scotts, MI 49088 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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

(11) WO 2004/044599 (13) A2

(21) PCT/IL2003/000944

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 152768 11 Nov/nov 2002 IL
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RETROFIT KIT FOR INTERCONNECT
CABLING SYSTEM• NECESSAIRE DE RATTRAPAGE POUR
SYSTEME DE CABLAGE DE LIAISON(71) RIT TECHNOLOGIES LTD. [IL/IL]; 24
Raoul Wallenberg Street, 69719 Tel Aviv (IL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SHIFRIS, Pinhas [IL/IL]; 23 Kfar Yona
Street, 69974 Tel Aviv (IL). HAGGAY,
Yaakov [IL/IL]; 7b Haeshel Street, 44235
Kfar Saba (IL).(74) LUZZATTO, Kfir et al. / etc.; Luzzatto &
Luzzatto, 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51) G01R 31/11

(11) WO 2004/044600 (13) A2

(21) PCT/US2003/035923

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,262 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHARACTERIZING ANALOG AND
DIGITAL TELEPHONE CIRCUITS
AND OTHER TYPES OF WIRING SYS-
TEMS USING FREQUENCY DOMAIN
REFLECTOMETRY (FDR)• CARACTERISATION DE CIRCUITS
DE TELEPHONES NUMERIQUES ET
ANALOGIQUES ET AUTRES TYPES
DE SYSTEMES ELECTRIQUES, AU
MOYEN DE LA REFLECTOMETRIE
DANS LE DOMAINE DE FREQUENCE(71) TECLIN, INCORPORATED [US/US];
3607 Rosemont Avenue, Suite B, Camp Hill,
PA 17011 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) GORKA, Timothy, F. [—/US]; 610
Stony Run Road, Dillsburg, PA 17019 (US).(74) WINTER, Gene, S.; St. Onge, Steward,
Johnston & Reens, L.L.C., 986 Bedford
Street, Stamford, CT 06905-5619 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ G01R 31/28

(11) WO 2004/044601 (13) A1

(21) PCT/US2003/035423

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,994 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BOUNDARY SCAN WITH STROBED
PAD DRIVER ENABLE• REGISTRE A DECALAGE PER-
IPHERIQUE AVEC VALIDATION
DE L'ETAGE D'ATTAQUE DE PLOT
STROBEE(71) LOGICVISION, INC. [US/US]; 101 Metro
Drive, Third Floor, San Jose, CA 95110 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SUNTER, Stephen, K. [CA/CA]; 118
Arbeatha Street, Ottawa, Ontario K2H 6J2
(CA). GAUTHIER, Pierre [CA/CA]; 42
Croissant de la Paix, Aylmer, Québec J9H
3X8 (CA). NADEAU-DOSTIE, Benoit
[CA/CA]; 17 Croissant de la Paix, Aylmer,
Québec J9H 3X7 (CA).(74) PROULX, Eugene, E.; LogicVision
(Canada), Inc., 1525 Carling Avenue, Suite
404, Ottawa, Ontario K1Z 8R9 (CA).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G01R 33/465

(11) WO 2004/044602 (13) A1

(21) PCT/NL2003/000785

(22) 10 Nov/nov 2003 (10.11.2003)

(25) nl (26) en

(30) 1021892 11 Nov/nov 2002 NL
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DETECTION OF DEMYELINATION

• DETECTION DE DEMYELINISATION

(71) NEDERLANDSE ORGANISATIE VOOR
TOEGEPAST-NATUURWETENSCHAP-
PELIJK ONDERZOEK TNO [NL/NL];
Schoemakerstraat 97, NL-2628 VK Delft
(NL).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) VOGELS, Jacobus, Thomas, Wilhel-
mus, Elisabeth [NL/NL]; Opsterland 134,
NL-3524 CJ Utrecht (NL). 'T HART, Ly-
bert, Adriaan [NL/NL]; Professor Wentlaan
16, NL-3571 GC Utrecht (NL).(74) PRINS, A.W.; Nieuwe Parklaan 97,
NL-2587 BN Den Haag (NL).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model
/ modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE EG ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NI NO NZ
OM PG PH PL PT RO RU SC SD SE SG SK
(Utility model / modèle d'utilité) SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC
VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G01R 33/561

(11) WO 2004/044603 (13) A1

(21) PCT/IB2003/004679

(22) 17 Oct/oct 2003 (17.10.2003)

(25) en (26) en

(30) 10/294,015 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MAGNETIZATION PRIMER SE-
QUENCE FOR BALANCED STEADY
STATE FREE PRECESSION MR IMAG-
ING• SEQUENCE D'IMPRESSION DE
MAGNETIQUE PERMETTANT DE
CONFERER UN EQUILIBRE A L'IMA-
GERIE PAR RESONANCE MAGNE-
TIQUE A ANTECEDENTS A L'ETAT
STABILISE(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).(71) U.S. PHILIPS CORPORATION [US/US];
1251 Avenue of the Americas, New York, NY
10510-8001 (US).
(only for / seulement pour AE)(72) FOXALL, David, L.; 595 Miner Road,
Cleveland, OH 44143 (US).

(74) **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; c/o LUNDIN, Thomas, M., 595 Miner Road, Cleveland, OH 44143 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 031/02**

(11) **WO 2004/044604** (13) A1

(21) PCT/US2003/034261

(22) **28 Oct/oct 2003 (28.10.2003)**

(25) en (26) en

(30) 10/294,130 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • A PROBE FOR COMBINED SIGNALS
• SONDE POUR SIGNAUX COMBINES

(71) **CASCADE MICROTECH, INC.** [US/US]; 2430 N.W. 206th Avenue, Beaverton, OR 97006 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAYDEN, Leonard** [US/US]; 10080 S.W. Cynthia Street, Beaverton, OR 97008 (US). **RUMBAUGH, Scott** [US/US]; 10786 SW Naeve Street, Tigard, OR 97224 (US). **ANDREWS, Mike** [US/US]; 7177 NE Ronler Way, #328, Hillsboro, Oregon 97124 (US).

(74) **RUSSELL, Kevin, L.**; Chernoff, Vilhauer, McClung & Stenzel, 1600 ODS Tower, 601 SW Second Avenue, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G01S**

(11) **WO 2004/044605** (13) A2

(21) PCT/US2003/033016

(22) **17 Oct/oct 2003 (17.10.2003)**

(25) en (26) en

(30) 10/289,661 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • NAVIGATION AND PROMOTION DISTRIBUTION SYSTEM

• SYSTEME DE REPARTITION DE NAVIGATION ET DE PROMOTION

(63) US 10/289,661 (CON)
7 Nov/nov 2002 (07.11.2002)

(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) **APPLEBAUM, Ted, H.** [US/US]; 84 Lassen Drive, Santa Barbara, CA 93111 (US).

(74) **STOBBS, Gregory A.**, et al. / etc.; Harness, Dickey & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ **G01S**

(11) **WO 2004/044606** (13) A2

(21) PCT/US2003/035112

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 10/289,516 **6 Nov/nov 2002 (06.11.2002)** US

(30) 10/626,460 **24 Jul/juil 2003 (24.07.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR TRACKING THE LOCATION AND POSITION OF AN INDIVIDUAL

• APPAREIL ET PROCÉDE PERMETTANT DE SUIVRE L'EMPLACEMENT ET LA POSITION D'UN INDIVIDU

(71, 72) **DUNCAN, Charles** [US/US]; 174 Littleton Road #3-341, Westford, MA 01886 (US).

(74) **LOREN, Ralph, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G01S**

(11) **WO 2004/044607** (13) A2

(21) PCT/US2003/035340

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 60/424,527 **6 Nov/nov 2002 (06.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • STORAGE TANK LEAK DETECTION SYSTEM FOR PETROLEUM PRODUCTS

• SYSTEME DE DETECTION DE FUITES POUR CUVES DE STOCKAGE DE PRODUITS PETROLIERS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 5th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAM, Mark** [US/US]; 5th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US). **LAVERMAN, Leroy** [US/US]; 5th Floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(74) **GREENBERG TRAUIG LLP** et al. / etc.; Suite 400E, 2450 Colorado Avenue, Santa Monica, CA 90404 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G01S 1/02, 5/14

(11) WO 2004/044608 (13) A1

(21) PCT/US2003/035100

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/290,992 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LOCK SLIP DETECTION USING INERTIAL INFORMATION

• DETECTION DE GLISSEMENT DE VERROUILLAGE AU MOYEN D'INFORMATIONS INERTIELLES

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) SCHIPPER, Brian, W.; 9148 Woodhall Crossing, Brooklyn Park, MN 55443 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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 PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G01S 13/74, 13/02, 13/76, 15/87, G05D 1/03

(11) WO 2004/044609 (13) A1

(21) PCT/DE2003/003566

(22) 27 Oct/oct 2003 (27.10.2003)

(25) de (26) de

(30) 102 52 901.9 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR MATERIAL TRANSPORT

• PROCÉDÉ ET SYSTÈME DE TRANSPORT DE MATÉRIAUX

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ARMBRUSTER, Steffen [DE/DE]; Kirchenstr. 23, 91096 Möhrendorf (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CA CN NO RU UA US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G01S 13/93, 13/48, H01Q 1/32

(11) WO 2004/044610 (13) A1

(21) PCT/US2003/035578

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/293,880 13 Nov/nov 2002 US
(13.11.2002)(30) 10/376,179 27 Feb/fév 2003 US
(27.02.2003)(30) 10/619,020 14 Jul/juil 2003 US
(14.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANTENNA CONFIGURATIONS FOR REDUCED RADAR COMPLEXITY

• CONFIGURATIONS D'ANTENNES REDUISANT LA COMPLEXITE DES RADARS

(71) RAYTHEON COMPANY [US/US]; 870 Winter Street, Waltham, MA 02541-1449 (US).

(72) PLEVA, Joseph, S.; 16 Rossini Drive, Londonderry, NH 03053 (US). DELCHEC-COLO, Michael, Joseph; 4 Chesapeake Drive, Westford, MA 01886 (US).

(74) DALY, Christopher, S. et al. / etc.; Daly, Crowley & Mofford, LLP, Suite 101, 275 Turnpike Street, Canton, MA 02021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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; (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

(51)⁷ G01T

(11) WO 2004/044611 (13) A2

(21) PCT/US2003/035681

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/291,212 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR NONDESTRUCTIVE INSPECTION OF COMPONENTS

• PROCEDE ET SYSTEME D'ESSAI NON DESTRUCTIF DE COMPOSANTS

(71) PACIFIC GAS AND ELECTRIC COMPANY [US/US]; 77 Beale Street, B30A, San Francisco, CA 94105 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KERR, Daniel, S. [US/US]; 5605 Shasta Court, Clayton, CA 94517 (US). ALERS, Ronald, B. [US/US]; 2302 Parkland Terrace, San Luis Obispo, CA 93401 (US).

(74) LEMON, Kevin, T. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ G01T

(11) WO 2004/044612 (13) A2

(21) PCT/US2003/035801

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,216 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD AND APPARATUS FOR TRACKING AN INTERNAL TARGET REGION WITHOUT AN IMPLANTED FIDUCIAL

• PROCEDE ET DISPOSITIF PERMETTANT DE SUIVRE UNE ZONE CIBLE INTERNE SANS REPERE DE CEN-TRAGE IMPLANTE

(71) ACCURAY, INC. [US/US]; 570 Del Rey Avenue, Sunnyvale, CA 94080 (US).

(72) SCHWEIKARD, Achim; Vereinstrasse 77, 20357 Hamburg (DE). ADLER, John, R.; 894 Tolman Avenue, Stanford, CA 94305 (US).

(74) LAPPIN, Mark, G. et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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) G01T 1/164

(11) WO 2004/044613 (13) A2

(21) PCT/US2003/035922

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,511 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LANTHANUM HALIDE SCINTILLATORS FOR TIME-OF-FLIGHT 3-D PET
• SCINTILLATEUR A HALOGENURE DE LANTHANE POUR TOMOGRAPHIE PAR EMISSION DE POSITONS EN 3D ET A TEMPS DE VOL

(71) THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA [US/US]; Suite 200, 3160 Chestnut Street, Philadelphia, PA 19104 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KARP, Joel, S. [US/US]; 216 Berkeley Road, Glenside, PA19038-3304 (US). SURTI, Suleman [PK/US]; 2225 Locust Street., Apartment 1F, Philadelphia, PA 19103-5570 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn LLP, One Liberty Place - 46th Floor, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 G01V 1/00, G01P 15/135, 15/03

(11) WO 2004/044614 (13) A1

(21) PCT/FR2002/003830

(22) 7 Nov/nov 2002 (07.11.2002)

(25) fr (26) fr

(43) 27 May/mai 2004 (27.05.2004)

(54) • MOVEMENT AND VIBRATION DETECTOR
• DETECTEUR DE MOUVEMENTS ET DE VIBRATIONS

(71) BRU, Michel, Pierre [FR/FR]; 9, rue Dampierre, F-75019 Paris (FR). CHARNEAU, Jacques [FR/FR]; 11, rue Kleber, F-94700 Maison-Alfort (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) BARBARIE, Yves [CA/FR]; 29, bd de Montmorency, F-75016 Paris (FR).

(74) BARBARIE, Yves; 29, bd de Montmorency, F-75016 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G01V 1/00

(11) WO 2004/044615 (13) A2

(21) PCT/US2003/036219

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/424,937 9 Nov/nov 2002 US (09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR SEISMIC FEATURE EXTRACTION
• PROCEDE ET APPAREIL D'EXTRACTION DE CARACTERISTIQUES SISMIQUES

(71) GEOENERGY, INC. [US/US]; President Vassiliou, Anthony. A., 3000 Wilcrest Dr., Ste. 241, Houston, TX 77042 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COHEN, Israel [IL/IL]; 17 Lea Street, 34403 Haifa (IL). VASSILIOU, Anthony [GR/US]; GeoEnergy, Inc., 3000 Wilcrest Dr., Ste 241, Houston, TX 77042 (US). COULT, Nicholas [US/US]; 2521 Irving Ave S, Minneapolis, MN 55405 (US).

(74) NICHOLS, Michael; Law Office of Michael R. Nichols, PMB #155, 3001 S. Hardin Blvd., Ste 110, McKinney, TX 75070 (US).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for the following designations / pour les désignations suivantes : EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); (t) for the following designation / pour la désignation suivante : US; (t) for the following designation / pour la désignation suivante : US; (u) for / pour US only / seulement

(51)⁷ G01V 1/02, 1/38

(11) WO 2004/044616 (13) A1

(21) PCT/CA2003/001740

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/293,233 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITE BANDWIDTH MARINE VIBROSEIS SOURCE ARRAY
• RESEAU DE SOURCES VIBROSISMIQUES MARINES A LARGEUR DE BANDE COMPOSITE

(71) WESTERNGECO SEISMIC HOLDINGS LIMITED [GB/GB]; Citico Building, P.O. Box 662, Road Town, Tortola (VG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, James, MacDonald [CA/US]; 1610 Mayweather Lane, Richmond, TX 77469 (US).

(74) McGRAW, James et al. / etc.; Smart & Biggar, P.O. Box 2999, Station D, 900-55 Metcalfe Street, Ottawa, Ontario K1P 5Y6 (CA).

(81) AU NO US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G01V 1/28

(11) WO 2004/044617 (13) A1

(21) PCT/US2003/035880

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/427,312 12 Nov/nov 2002 US (12.11.2002)

(30) 10/637,411 8 Aug/août 2003 US (08.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SEISMIC ANALYSIS USING POST-IMAGING SEISMIC ANISOTROPY CORRECTIONS
• ANALYSE SISMIQUE PAR CORRECTIONS D'ANISOTROPIE SISMIQUE DE POST-IMAGERIE

(71) **LANDMARK GRAPHICS CORPORATION** [US/US]; 2101 CityWest Boulevard, Building 1, Suite 200, Houston, TX 77042 (US).

(72) **RESHEF, Moshe**; 5 Haamoraim Street, 69207 Tel Aviv (IL). **ROTH, Murray, W.**; 4597 Swansboro Court, Highlands Ranch, CO 80126 (US).

(74) **HOOD, Jeffrey, C.**; Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C., P.O. Box 398, Austin, TX 78767-0398 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G01V 3/00

(11) **WO 2004/044618** (13) A2

(21) PCT/IT2003/000733

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) it (26) en

(30) MI2002A002399 **13 Nov/nov 2002 (13.11.2002)** IT

(43) 27 May/mai 2004 (27.05.2004)

(54) • **FLOATING WEATHER STATION**

• **STATION MÉTÉOROLOGIQUE FLOT-TANTE**

(71) **UNIVERSITA' DEGLI STUDI DI MILANO** [IT/IT]; Via Festa del Perdono, 7, I-20122 Milano (IT).

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(72, 75) **MARIANI, Luigi** [IT/IT]; Via Modigliani, 4, I-20144 Milano (IT). **CON-FALONIERI, Roberto** [IT/IT]; Via Vivaldi, 26, I-20092 Cinisello Balsamo (IT).

(74) **LONG, Giorgio et al.** / etc.; Jacobacci & Partners S.P.A., Via Senato 8, I-20121 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 G01V 8/00

(11) **WO 2004/044619** (13) A2

(21) PCT/GB2003/004861

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 0226243.4 **11 Nov/nov 2002 (11.11.2002)** GB

(43) 27 May/mai 2004 (27.05.2004)

(54) • **PROXIMITY SENSOR**

• **CAPTEUR DE PROXIMITE**

(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) **LEWIN, Andrew, Charles** [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB). **ORCHARD, David, Arthur** [GB/GB]; QinetiQ Limited, Malvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB).

(74) **DAVIES, P.**; D/IP QinetiQ Formalities, Cody Technology Park, A4 Building, Room G016, Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G01V 11/00, G08B 13/00

(11) **WO 2004/044620** (13) A1

(21) PCT/GB2003/004779

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 0226334.1 **12 Nov/nov 2002 (12.11.2002)** GB

(43) 27 May/mai 2004 (27.05.2004)

(54) • **FERROMAGNETIC OBJECT DETECTOR**

• **DETECTEUR D'OBJETS FERROMAGNETIQUES**

(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) **KEENE, Mark, Nicholas** [GB/GB]; QinetiQ Limited, Marlvern Technology Centre, St Andrews Road, Malvern, Worcestershire WR14 3PS (GB).

(74) **DAVIES, P.**; D/IP QinetiQ Formalities, Cody Technology Park, A4 Building, Room G016,

Ively Road, Farnborough, Hampshire GU14 0LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(u) for / pour US only / seulement

(51)⁷ G02B

(11) **WO 2004/044621** (13) A2

(21) PCT/US2003/029346

(22) **19 Sep/sep 2003 (19.09.2003)**

(25) en (26) en

(30) 10/294,505 **14 Nov/nov 2002 (14.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **OPTICAL LENS STEAM CLEANING APPARATUS AND METHOD OF USING THE SAME**

• **APPAREIL DE NETTOYAGE A LA VAPEUR DE VERRE ET SON PROCÉDE D'UTILISATION**

(71) **LENS TECHNOLOGY** [US/US]; 14256 Firestone Blvd., La Mirada, CA 90638 (US).

(72) **MUSTER, Kenneth, F.**; 5018 Calle Manzana, Yorba Linda, CA 92886 (US). **POOL, Scott, L.**; 25291 Bentley, Laguna Hills, CA 92653 (US).

(74) **STETINA BRUNDA GARRED & BRUCKER**; 75 Enterprise, Suite 250, Aliso Viejo, CA 92656 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G02B

(11) **WO 2004/044622** (13) A2

(21) PCT/US2003/032207

(22) **9 Oct/oct 2003 (09.10.2003)**

(25) en (26) en

(30) 60/425,370 **12 Nov/nov 2002 (12.11.2002)** US

(30) 60/466,799 **29 Apr/avr 2003 (29.04.2003)** US

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OPTICAL COMPONENT FOR FREE-SPACE OPTICAL PROPAGATION BETWEEN WAVEGUIDES
• COMPOSANT OPTIQUE POUR LA PROPAGATION EN ESPACE LIBRE ENTRE GUIDES D'ONDES
- (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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G02B
(11) WO 2004/044624 (13) A2
(21) PCT/US2003/035131
(22) 5 Nov/nov 2003 (05.11.2003)
(25) en (26) en
(30) 60/425,019 8 Nov/nov 2002 US (08.11.2002)
(30) 10/441,946 19 May/mai 2003 US (19.05.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OPTICAL FILTER HAVING COUPLED WHISPERING-GALLERY-MODE RESONATORS
• FILTRE OPTIQUE COMPORTANT DES RESONATEURS EN MODE DE VOUTE ACOUSTIQUE COUPLES
- (63) US 10/441,946 (CIP)
US 19 May/mai 2003 (19.05.2003)
60/425,019 (CIP)
8 Nov/nov 2002 (08.11.2002)
- (71) CALIFORNIA INSTITUTE OF TECHNOLOGY [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) SAVCHENKOV, Anatoliy [RU/US]; 4800 Oak Grove Drive, Building 298-105J, Pasadena, CA 91109-8099 (US). ILCHENKO, Vladimir [RU/US]; 4800 Oak Grove Drive, Mail Code 298, Pasadena, CA 91109 (US). MALEKI, Lutfollah [US/US]; Mail Code 298, 4800 Oak Grove Drive, Pasadena, CA 91109 (US). HANDLEY, Timothy, A. [US/US]; 3866 Center Avenue, Santa Barbara, CA 93110 (US).
- (74) HARRIS, Scott, C.; Fish & Richardson P.C., 12390 El Camino Real, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G02B
(11) WO 2004/044623 (13) A2
(21) PCT/US2003/033562
(22) 21 Oct/oct 2003 (21.10.2003)
(25) en (26) en
(30) 10/290,852 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DEVICE HAVING MULTIPLE OPTICAL FIBERS
• DISPOSITIF MUNI DE FIBRES OPTIQUES MULTIPLES
- (71) STRATOS LIGHTWAVE, INC. [US/US]; 7444 West Wilson Avenue, Harwood Heights, IL 60706 (US).
- (72) DURRANT, Richard, C., E.; The Old Forge, Bury Road, Kennett, Newmarket, Suffolk CB8 7PP (GB). KROWIAK, Mark; 125 Oaklawn Court, #301, Schaumburg, IL 60195 (US).
- (74) BARRETT, Robert, M.; Bell, Boyd & Lloyd LLC, P.O. Box 1135, Chicago, IL 60690-1135 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G02B
(11) WO 2004/044625 (13) A2
(21) PCT/US2003/035473
(22) 5 Nov/nov 2003 (05.11.2003)
(25) en (26) en
- (30) 10/289,944 6 Nov/nov 2002 US (06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • POWER SOURCE FOR A DISPERSION COMPENSATION FIBER OPTIC SYSTEM
• SOURCE D'ALIMENTATION POUR SYSTÈME A FIBRE OPTIQUE A COMPENSATION DE DISPERSION
- (71) AZNA CORPORATION [US/US]; 299 Ballardvale Street, Wilmington, MA 01887 (US).
- (72) MAHGEREFTEH, Daniel; 10620 Wilkins Avenue, #4, Los Angeles, CA 90024 (US). PARVIZ, Tayebati; 38 Winsor Way, Weston, MA 02493 (US).
- (74) PANDISCIO, Mark, J.; Pandiscio & Pandiscio, 470 Totten Pond Road, Waltham, MA 02451-1914 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G02B 1/04, 1/10, C03C 17/34, B32B 27/40
(11) WO 2004/044626 (13) A1
(21) PCT/US2003/035727
(22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 10/294,058 14 Nov/nov 2002 US (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PHOTOCROMIC ARTICLE
• ARTICLE PHOTOCROME
- (71) TRANSITIONS OPTICAL, INC. [US/US]; 9251 Belcher Road, Pinellas Park, FL 33782 (US).
- (72) KNOX, Carol, L.; 701 Illini Drive, Monroeville, PA 15146 (US). McDONALD, William, H.; 803 Dog Wood Trail, Cranberry, PA 16066 (US).
- (74) MALLAK, Frank, P. et al. / etc.; PPG Industries, Inc., One PPG Place, Law Dept. - Intellectual Property, One PPG Place, Pittsburgh, PA 15272 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 1/10, B05D 7/00, C08J 7/04

(11) WO 2004/044627 (13) A1

(21) PCT/EP2003/012391

(22) 6 Nov/nov 2003 (06.11.2003)

(25) de (26) de

(30) 102 52 421.1 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LAMINATED SYSTEM, COATING COMPOSITION AND METHOD FOR THE PRODUCTION THEREOF

• SYSTEME STRATIFIE, COMPOSITION DE REVETEMENT ET PROCEDE DE PRODUCTION DE LADITE COMPOSITION

(71) BAYER MATERIALSCIENCE AG [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) BIER, Peter [DE/DE]; Bethelstr. 27, 47800 Krefeld (DE). MEYER, Reiner [DE/DE]; Im Utforter Feld 13, 47445 Moers (DE). CAPELLEN, Peter [DE/DE]; Inrather Str. 791, 47803 Krefeld (DE).

(74) BAYER MATERIALSCIENCE AG; Law and Patents, Patents and Licensing, 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 5/00, 3/08, 6/42

(11) WO 2004/044628 (13) A1

(21) PCT/US2003/034695

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/292,870 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL LENSES

• LENTILLES OPTIQUES

(71) AGILENT TECHNOLOGIES, INC. [US/US]; 395 Page Mill Road, Palo Alto, CA 94306 (US).

(72) VAN HAASTEREN, Adrianus, J.P.; 46A Toh Tuck Road, #06-08, Signature Park, Singapore 596738 (SG).

(74) SCHULZE, Herbert, R.; Agilent Technologies, Inc., Legal Department, DL-429, P.O. Box 7599, Loveland, CO 80537-0599 (US).

(81) CN JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G02B 5/02, 5/30, G02F 1/13357

(11) WO 2004/044629 (13) A1

(21) PCT/JP2003/014478

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330476 14 Nov/nov 2002 JP (14.11.2002)

(30) 2003-41015 19 Feb/fév 2003 JP (19.02.2003)

(30) 2003-45883 24 Feb/fév 2003 JP (24.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANISOTROPIC LIGHT DIFFUSION ADHESIVE LAYER, ANISOTROPIC LIGHT DIFFUSION ADHESIVE LAMINATE, AND ILLUMINATING DEVICE HAVING ANISOTROPIC LIGHT DIFFUSION ADHESIVE LAMINATE

• COUCHE ADHESIVE DE DIFFUSION ANISOTROPIQUE DE LUMIERE, STRATIFIE ADHESIF DE DIFFUSION ANISOTROPIQUE DE LUMIERE ET DISPOSITIF D'ECLAIRAGE POSSE- DANT LEDIT STRATIFIE ADHESIF DE DIFFUSION DE LUMIERE

(71) TOMOEGAWA PAPER CO., LTD. [JP/JP]; 5-15, Kyobashi 1-chome, Chuo-ku, Tokyo 104-8335 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAJIMA, Toshihiro [JP/JP]; c/o Tomoegawa Paper Co., Ltd., Technical Research Laboratory, 3-1, Mochimuneto-moe-cho, Shizuoka-shi, Shizuoka 421-0192 (JP). HIGASHI, Kensaku [JP/JP]; c/o Tomoegawa Paper Co., Ltd., Technical Research Laboratory, 3-1, Mochimuneto-moe-cho, Shizuoka-shi, Shizuoka 421-0192 (JP).

(74) SHIGA, Masatake et al. / etc.; 2-3-1, Yaesu, Chuo-ku, Tokyo 104-8453 (JP).

(81) KR US.

Published / Publiée : (c)

(51)⁷ G02B 5/28

(11) WO 2004/044630 (13) A1

(21) PCT/JP2003/013715

(22) 27 Oct/oct 2003 (27.10.2003)

(25) ja (26) ja

(30) 2002-329953 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL MULTILAYER FILM FILTER AND METHOD OF PRODUCING THE SAME

• FILTRE POUR FILM OPTIQUE MULTI-COUCHE ET PROCEDE DE PRODUCTION DU FILTRE

(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) OHTANI, Masayuki [JP/JP]; C/O NIKON CORPORATION, 2-3, Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-8331 (JP).

(74) OHNISHI, Shogo; S.OHNISHI & ASSOCIATES, HIGASHI-IKEBUKURO SS BUILDING 1F, 3-20-3 Higashi-Ikebukuro, Toshima-ku, Tokyo 170-0013 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU 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 G02B 5/30

(11) WO 2004/044631 (13) A1

(21) PCT/IB2003/004624

(22) 20 Oct/oct 2003 (20.10.2003)

(25) en (26) en

(30) 02079727.0 13 Nov/nov 2002 EP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHOLESTERIC COLOR FILTER AND METHOD OF MANUFACTURING SUCH

• FILTRE COLORE CHOLESTERIQUE ET PROCEDE DE FABRICATION ASSOCIE

(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) WEGH, Rene, T. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BROER, Dirk, J. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LUB, Johan [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) TOL, Arie, J., W.; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC 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 :

(s) for the following designations / pour les désignations suivantes : AE AG 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 G02B 6/20

(11) WO 2004/044632 (13) A1

(21) PCT/US2003/021188

(22) 7 Jul/juill 2003 (07.07.2003)

(25) en (26) en

(30) 10/294,291 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ILLUMINATED SURGICAL RETRAC-
TOR

• ECARTEUR CHIRURGICAL ECLAIRE

(71) LUMITEX, INC. [US/US]; 8443 Dow Cir-
cle, Strongsville, OH 44136 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WILLIAMS, Jeffrey, B. [US/US]; 7999
Nicodemus Road, Ravenna, OH 44266 (US).

(74) OTTO, Donald, L. et al. / etc.; Renner,
Otto, Boisselle & Sklar, LLP, 1621 Euclid Ave-
nue, 19th Floor, Cleveland, OH 44115 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC 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 G02B 6/293, 6/28, 7/00

(11) WO 2004/044633 (13) A1

(21) PCT/DE2002/004175

(22) 11 Nov/nov 2002 (11.11.2002)

(25) de (26) de

(43) 27 May/mai 2004 (27.05.2004)

(54) • SUPPORT ELEMENT FOR MOUNTING
OPTICAL ELEMENTS AND METHOD
FOR PRODUCTION OF SUCH A SUP-
PORT ELEMENT

• ELEMENT DE SUPPORT DESTINE AU
MONTAGE D'ELEMENTS OPTIQUES
ET PROCEDE DE FABRICATION DU-
DIT ELEMENT DE SUPPORT

(71) CUBE OPTICS AG [DE/DE]; Robert-
Koch-Str. 30, 55129 Mainz (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) POPP, Martin [DE/DE]; Hinter der
Kappelle 24, 55128 Mainz (DE). SMAGLIN-
SKI, Ingo [DE/DE]; Sophie-Cahn-Strasse

4, 55122 Mainz (DE). HAASE, Jens
[DE/DE]; Philipp-Wasserburg-Str. 60,
55122 Mainz (DE). HIMMELSBACH,
Gerhard [DE/DE]; Elbest. 3, 64521
Gross-Gerau (DE).

(74) WEBER, Dieter et al. / etc.; Taunusstrasse
5a, 65183 Wiesbaden (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/293

(11) WO 2004/044634 (13) A1

(21) PCT/US2003/036096

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,939 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL WAVELENGTH DIVISION
MUX/DEMUX WITH INTEGRATED
OPTICAL AMPLIFIER

• MULTIPLEXEUR/DEMULTIPLEXEUR
EN LONGUEUR D'ONDE OPTIQUE
AVEC AMPLIFICATEUR OPTIQUE IN-
TEGRE

(71) BATTELLE MEMORIAL INSTITUTE
[US/US]; 505 King Avenue, Columbus, OH
43201-2693 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAUDO, John, S. [US/US]; 2072 Flan-
ders Court, Columbus, OH 43235 (US).

(74) BEYER, James, E. et al. / etc.; Dinsmore
& Shohl LLP, One Dayton Centre, Suite 500,
One South Main Street, Dayton, OH 45402-
2023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI FR GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G02B 6/36

(11) WO 2004/044635 (13) A1

(21) PCT/KR2003/002429

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ko (26) en

(30) 10-2002-0070352 13 Nov/nov 2002 KR
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL CONTACT MODULE

• MODULE DE CONTACT OPTIQUE

(71, 72) YANG, Kwan-Suk [KR/KR]; 308-401
Shinan-poonglim A. P. T., 1235, Kwon-
sun-dong, Kwonsun-gu, Suwon-si, 441-834
Gyeonggi-do (KR).

(74) CHO, Han-Yong; DS PATENT Intellectual
Property, Group of Dasan, #205 Bubjun Bldg,
81-6, Paldal-gu, Suwon-si, Gyeonggi-do
442-821 (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 PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 6/38, 6/36

(11) WO 2004/044636 (13) A1

(21) PCT/US2002/035361

(22) 5 Nov/nov 2002 (05.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • FIBER OPTIC MODULE ATTACH-
MENT INCLUDING A FIBER CON-
NECTOR

• FIXATION DE MODULE DE FIBRES
OPTIQUE COMPRENANT UN
CONNECTEUR DE FIBRES OPTIQUES

(71) CORNING CABLE SYSTEMS LLC
[US/US]; 800 17TH STREET NW, PO BOX
489, Hickory, NC 28603 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ELKINS, II, Robert, B. [US/US]; 2472
23rd Street NE, Hickory, NC 28601 (US).
WAGNER, Karl, M. [DE/US]; 1330 5th
Street NE, #75, Hickory, NC 28601 (US).

(74) ABERLE, Timothy, J.; CORNING CABLE
SYSTEMS LLC, 800 17th Street NW, PO
BOX 489, Hickory, NC 28603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02B 6/42

(11) WO 2004/044637 (13) A1

(21) PCT/KR2003/002459

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ko (26) en

(30) 10-2002-0070873 14 Nov/nov 2002 KR
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TO-CAN PACKAGE FOR 10GBPS OPTICAL MODULE

• BOITIER TO POUR MODULE OPTIQUE 10GBPS

(71) RAPIDUS, INC. [KR/KR]; 405, Gocheon-Dong, Uiwang, 437-801 Kyunggi-Do (KR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) JEONG, Ji Chai [KR/KR]; Woosung Apt. 2-805, 1444-7, Seocho-Dong, Seocho-Ku, 137-070 Seoul (KR). CHOI, In-Ho [KR/KR]; 101-1302, Mok 6-Dong, Yangcheon-Ku, 158-056 Seoul (KR). RYU, Heon Wi [KR/KR]; 176, Buncheon 3-Ri, Oga-Myeon, Yeosan, 340-912 Chungcheongnam-Do (KR). YOO, Myoung Ki [KR/KR]; Samick Apt. 107-1101, 56, Ssangmun 2-Dong, Dobong-Ku, 132-773 Seoul (KR).

(74) LEE, Kwang-Yeon; LEE & KIM, 5th Floor, New-Seoul Bldg., 828-8, Yoksam 1-Dong, Kangnam-Ku, 135-935 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 02079685.0 11 Nov/nov 2002 EP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ZOOM LENS

• OBJECTIF ZOOM

(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) OPHEY, Willem, G. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) COBBEN, Louis, M., H.; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G02B 21/34, 21/36

(11) WO 2004/044639 (13) A1

(21) PCT/JP2003/013325

(22) 17 Oct/oct 2003 (17.10.2003)

(25) ja (26) ja

(30) 2002-304742 18 Oct/oct 2002 JP
(18.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SLIDE GLASS, COVER GLASS, AND PATHOLOGIC DIAGNOSIS SYSTEM

• PREPARATION MICROSCOPIQUE, LAMELLE COUVRE-OBJET ET SYSTEME DE DIAGNOSTIC PATHOLOGIQUE

(71) HAMAMATSU PHOTONICS K.K. [JP/JP]; 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MATSUMOTO, Kazuji [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). HARA, Masahiro [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP). OSHIRO, Masafumi [JP/JP]; c/o Hamamatsu Photonics K.K., 1126-1, Ichino-cho, Hamamatsu-shi, Shizuoka 435-8558 (JP).

(74) HASEGAWA, Yoshiki et al. / etc.; SOEI PATENT AND LAW FIRM, Ginza First Bldg., 10-6, Ginza 1-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN

MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G02B 26/10, B23K 26/08

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(21) PCT/EP2003/012488

(22) 8 Nov/nov 2003 (08.11.2003)

(25) de (26) de

(30) 102 52 443.2 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR DEFLECTING A LASER BEAM

• DISPOSITIF PERMETTANT DE DÉVIER UN FAISCEAU LASER

(71) TRUMPF LASERTECHNIK GMBH [DE/DE]; Johann-Maus-Strasse 2, 71254 Ditzingen (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) ANDREASCH, Wolfgang [DE/DE]; Weinbergstrasse 2/1, 71384 Weinstadt (DE). HÄCKER, Michael [DE/DE]; Sonnenweg 5, 71299 Wimsheim (DE).

(74) KOHLER SCHMID + PARTNER; Patentanwälte Gbr, Ruppmannstr. 27, 70565 Stuttgart (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G02B 27/64, 5/09, G01J 1/06

(11) WO 2004/044641 (13) A1

(21) PCT/SE2003/001665

(22) 28 Oct/oct 2003 (28.10.2003)

(25) sv (26) en

(30) 0203323-1 11 Nov/nov 2002 SE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR CONVERTING LIGHT

• DISPOSITIF DE CONVERSION DE LUMIERE

(71) ELINNOVA HB [SE/SE]; Skarpgränd 5, S-187 41 Täby (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) GULDEVALL, Ulf [SE/SE]; Skarpgränd 5, S-187 41 Täby (SE).

(74) STRANDIN, Hélène et al. / etc.; Bergenstråhle & Lindvall AB, Box 17704, S-118 93 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DMDZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G02C 7/02

(11) WO 2004/044642 (13) A1

(21) PCT/EP2003/012521

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 52 814.4 13 Nov/nov 2002 DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DOUBLE-PROGRESSIVE EYEGLASS
LENS

• VERRE PROGRESSIF DOUBLE DE LU-
NETTES

(71) RODENSTOCK GMBH [DE/DE]; Isartal-
strasse 43, 80469 München (DE).
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les États désignés sauf US)

(72, 75) WEHNER, Edda [DE/DE]; Josef-
Hebel-Str. 31, 82275 Emmerring (DE).
WELK, Andrea [DE/DE]; Otterstr. 7,
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(74) SCHIUMA, Daniele; Müller-Boré & Part-
ner, Grafinger Strasse 2, 81671 München
(DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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(51)⁷ G02C 7/02

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(21) PCT/EP2003/012713

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 102 53 130.7 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DOUBLE VARIFOCAL OPHTHALMIC
LENS

• VERRE DE LUNETTES A EFFET PRO-
GRESSIF DOUBLE

(71) RODENSTOCK GMBH [DE/DE]; Isartal-
strasse 43, 80469 München (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ESSER, Gregor [DE/DE]; Madelseder-
strasse 17, 81735 München (DE).

HAIMERL, Walter [DE/DE]; Thalkirch-
nerstrasse 78a, 80337 München (DE).
WEHNER, Edda [DE/DE]; Josef-Hebel-Str.
31, 82275 Emmerring (DE). WELK, An-
drea [DE/DE]; Otterstr. 7, 81547 München
(DE). ALTHEIMER, Helmut [DE/DE];
An der Halde 2, 87650 Baisweil-Lauchdorf
(DE). ZIMMERMANN, Martin [DE/DE];
Filsersweg 14, 85253 Erdweg-Kleinberghofen
(DE).

(74) SCHIUMA, Daniele; Müller-Boré & Part-
ner, Grafinger Str. 2, 81671 München (DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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(51)⁷ G02F

(11) WO 2004/044644 (13) A2

(21) PCT/US2003/036313

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,337 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR A
DYNAMICALLY RECONFIGURABLE
WAVEGUIDE IN AN INGRATED CIR-
CUIT

• PROCEDE ET APPAREIL POUR GUIDE
D'ONDES RECONFIGURABLE DE
MANIERE DYNAMIQUE DANS UN
CIRCUIT INTEGRE

(71) INFOTURN, INC. [US/US]; 1820 16th A-
venue, San Francisco, CA 94122 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FRIDMAN, Vitaly [US/US]; 528 Wind-
sor Court, C1, Bensalem, PA 19020 (US).
FINKELSTEIN, Leo [US/US]; 1820 16th
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(74) RITCHIE, David, B. et al. / etc.; Thelen
Reid & Priest LLP, P.O. Box 640640, San
Jose, CA 95113-1748 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 G02F 1/1333, 1/1345

(11) WO 2004/044645 (13) A1

(21) PCT/JP2002/011890

(22) 14 Nov/nov 2002 (14.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIQUID CRYSTAL DISPLAY

• AFFICHAGE A CRISTAUX LIQUIDES

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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les États désignés sauf US)

(72, 75) NAGAHAMA, Hiroshi [JP/JP]; 2-4-45,
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(JP).

(74) SUMIDA, Yoshihiro et al. / etc.; 3rd
Fl., Bo-eki Bldg., 123-1, Higashi-machi,
Chuo-ku, Kobe-shi, Hyogo 650-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G02F 1/136

(11) WO 2004/044646 (13) A1

(21) PCT/KR2003/000415

(22) 4 Mar/mar 2003 (04.03.2003)

(25) ko (26) en

(30) 10-2002-0070707 14 Nov/nov 2002 KR
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THIN FILM TRANSISTOR ARRAY
PANEL AND METHOD MANUFAC-
TURING THEREOF

• PANNEAU A MATRICE DE TRANSIS-
TORS A COUCHES MINCES ET SON
PROCEDE DE FABRICATION

(71) SAMSUNG ELECTRONICS CO., LTD.
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742 (KR).
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(72, 75) HONG, Mun-Pyo [KR/KR]; Han-
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462-170 (KR). KIM, Bo-Sung [KR/KR];
Songhyeon Villa 301, Bongcheon 6-dong,
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(74) YOU ME PATENT & LAW FIRM;
Teheran Bldg., 825-33, Yoksam-dong, Kang-
nam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO RU
SC SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

- NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ G02F 1/167
- (11) WO 2004/044647 (13) A1
- (21) PCT/JP2003/014380
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 2002-329581 13 Nov/nov 2002 JP (13.11.2002)
- (30) 2003-380314 10 Nov/nov 2003 JP (10.11.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ELECTROPHORETIC DISPLAY
• ECRAN ELECTROPHORETIQUE
- (71) CANON KABUSHIKI KAISHA [JP/JP]; 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo 146-8501 (JP).
- (72) ENDO, Taro; 4-5-7-401, Tsurumaki, Tama-shi, Tokyo 206-0034 (JP).
- (74) YAMADA, Ryuichi; Toko International Patent Office, Hasegawa Building 4F, 7-7, Toranomom 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 G02F 1/1335, G02B 1/11
- (11) WO 2004/044649 (13) A1
- (21) PCT/US2003/034440
- (22) 29 Oct/oct 2003 (29.10.2003)
- (25) en (26) en
- (30) 10/292,353 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OPTICAL FILM FOR DISPLAY DEVICES
• FILM OPTIQUE POUR DISPOSITIFS D'AFFICHAGE
- (71) EASTMAN KODAK COMPANY [US/US]; 343 State Street, Rochester, NY 14650 (US).
- (72) NAIR, Mridula; 9 Nevele Creek, Penfield, NY 14526 (US). JONES, Tamara, K.; 1122 Bay Street, Rochester, NY 14609 (US). HOUGHTALING, Bradley, M.; 184 Wildflower Drive, Rochester, NY 14623 (US). SEDITA, Joseph, S.; 13976 Allen Road, Albion, NY 14411 (US). RAKES, Gary, A.; 66 Knob Road, Rochester, NY 14626 (US).
- (74) KLUEGEL, Arthur, E. et al. / etc.; Eastman Kodak Company, 343 State Street, Rochester, NY 14650-2201 (US).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
- (51)⁷ G03B 21/60, G02B 27/10, 3/08
- (11) WO 2004/044650 (13) A1
- (21) PCT/US2003/035634
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 10/291,079 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • LENS OPTIMIZATION AND COLOR CORRECTION FOR IMAGE PROJECTION SYSTEMS
• OPTIMALISATION DE LENTILLES ET CORRECTION CHROMATIQUE POUR SYSTEMES DE PROJECTION D'IMAGES
- (71) JENMAR VISUAL SYSTEMS [US/US]; 4027 Clipper Court, Fremont, CA 94538 (US).
- (72) WOLFE, Charles, Robert; 1106 Ramona Street, Palo Alto, CA 94301 (US).
- (74) SMITH, Albert, C. et al. / etc.; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G03B 27/58, 27/60, 27/32, B29C 35/08, H01L 21/461
- (11) WO 2004/044651 (13) A1
- (21) PCT/US2003/036012
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/293,224 13 Nov/nov 2002 US (13.11.2002)
- (30) 10/316,963 11 Dec/déc 2002 US (11.12.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A CHUCKING SYSTEM AND METHOD FOR MODULATING SHAPES OF SUBSTRATES
• SYSTEME DE MANDRIN ET PROCEDE DE MODULATION DES FORMES DE SUBSTRATS
- (71) MOLECULAR IMPRINTS, INC. [US/US]; 1807-C West Braker Lane, Suite 100, Austin, TX 78758-3605 (US).
- (72) CHOI, Byung-Jin; 1634 Jerusalem Drive, Round Rock, TX 78766-8620 (US). VOISIN, Ronald, D.; 10050 Great Hills Trail #509, Austin, TX 78759-5843 (US). SREENIVASAN, Sidlgata, V.; 10502 Grand Oak Drive, Austin, TX 78750-3858 (US). WATTS, Michael, P., C.; 9404 Bell Mountain Drive, Austin, TX 78730-2709 (US). BABBS, Daniel, A.; 2008 Mistywood Drive, Austin, TX 78746-7808 (US). MEISSEL, Mario, J.; 7401 North Lamar Blvd #201, A-78752-2344 Austin (AT). BAILEY, Hillman, L.; 300 Stirrup Drive, Austin, TX 78620-2722 (US). SCHUMAKER, Norman, E.; 7600 Sandia Loop, Austin, TX 78735-1515 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G02F 1/35
- (11) WO 2004/044648 (13) A1
- (21) PCT/EP2003/012644
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) de (26) de
- (30) 102 52 889.6 12 Nov/nov 2002 DE (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND DEVICE FOR CONVERTING LASER PULSES INTO HIGH HARMONICS
• PROCEDE ET DISPOSITIF POUR CONVERTIR DES IMPULSIONS LASER EN HAUTES HARMONIQUES
- (71, 72) HEINRICH, Hauke [DE/DE]; Auf der Höhe 21, 37547 Kreiensen (DE).
- (74) COHAUSZ DAWIDOWICZ HANNIG & PARTNER; Schumannstr. 97-99, 40237 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G03F

(11) WO 2004/044652 (13) A2

(21) PCT/US2003/036070

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 10/294,223 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POSITIVE TONE LITHOGRAPHY WITH CARBON DIOXIDE DEVELOPMENT SYSTEMS

• LITHOGRAPHIE A TEINTES POSITIVES AVEC SYSTEME DE DEVELOPEMENT DE DIOXYDE DE CARBONE

(71) UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL [US/US]; 308 Bynum Hall, Campus Box 4105, Chapel Hill, NC 27599-4105 (US).

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(72, 75) DESIMONE, Joseph, M. [US/US]; 7315 Crescent Ridge Drive, Chapel 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G03F 7/00

(11) WO 2004/044653 (13) A2

(21) PCT/US2003/034779

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 10/289,882 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR RASTER-ING SOURCE REDUNDANCY

• PROCEDE ET DISPOSITIF DE BAYLAGE TRAME A REDONDANCE DE SOURCE

(71) APPLIED MATERIALS ISRAEL, LTD. [IL/IL]; 8 Oppenheimer Street, 76236 Rehovot (IL).

(only for / seulement pour AE AG AL AM AT AU AZ BA BB BE BG BR BY BZ CA CH CN CO CR CU CY CZ DE DK DM DZ EC EE EG ES FI FR GB GD GE GH GM GR HR HU ID

IL IN IS JP 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 SZ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM)

(71) APPLIED MATERIALS, INC. [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US). (only for / seulement pour ZW)

(72, 75) AVIEL, David [IL/IL]; 49 Hanarkis Street, P.O. Box 1805, 40600 Tel-Mond (IL). VISHNIPOLSKY, Jimmy [IL/IL]; 27 Lochamy Ageto St., 49651 Petah Tikva (IL). BEN-AV, Radel [IL/IL]; 49 Menuha Venahala, 76236 Rehovot (IL).

(74) FAHMI, Tarek, N.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G03F 7/00

(11) WO 2004/044654 (13) A2

(21) PCT/US2003/035796

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,587 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITIONS AND PROCESSES FOR NAMOIMPRINTING

• COMPOSITIONS ET PROCEDES DE NANO-IMPRESSION

(71) PRINCETON UNIVERSITY [US/US]; Office of Technology Licensing and Intellectual Property, New South Building, 4th Floor, P.O. Box 36, Princeton, NJ 08540 (US).

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(72, 75) CHOU, Stephen [US]; 7 Foulet Drive, Princeton, NJ 08540 (US). CHEN, Lei [US]; 51 Scarlet Oak Drive, Princeton, NJ 08540 (US).

(74) BOOKS, Glen, E.; Lowenstein Sandler PC, 65 Livingston Avenue, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G03F 7/09

(11) WO 2004/044655 (13) A1

(21) PCT/GB2003/004954

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226688.0 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR THE BULK MACHIN-ING OF FLUOROPOLYMER SUB-STRATES

• PROCEDE D'USINAGE DANS LA MASSE DE SUBSTRATS DE POLY-MERE FLUORE

(71) UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED [GB/GB]; 55 Park Place, Cardiff CF10 3AT (GB).

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(72, 75) BARROW, David, Anthony [GB/GB]; 61 Lake Road West, Roath Park, Cardiff CF23 5PH (GB). HARRIES, Nicola [GB/GB]; 13 Cae Mawr Road, Rhiwbina, Cardiff CF14 6NX (GB). JONES, Tyrone, Gwyn [GB/GB]; 5 Lansbury Avenue, Cefn Hengoed, Hengoed, Mid Glamorgan CF82 7HA (GB). BOURIS, Kostas [GB/GB]; 17 Cressfield Drive, Pontprennau, Cardiff CF23 8NT (GB).

(74) GIBSON, Stewart, Harry; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G03F 7/20

(11) WO 2004/044656 (13) A2

(21) PCT/DE2003/003720

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 53 162.5 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR WASHING AN OPTI-CAL LENS

• PROCEDE DE RINÇAGE D'UNE LEN-TILLE OPTIQUE

(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) SCHEDEL, Thorsten [DE/DE]; Wilder-Mann-Str. 43, 01129 Dresden (DE). SCHMIDT, Sebastian [DE/DE]; Moritzburger Str. 28, 01127 Dresden (DE). HRASCHAN, Günter [DE/DE]; Darwinstr. 7a, 01109 Dresden (DE).

(74) EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH; P.O. Box 200734, 80007 München (DE).

(81) JP KR US.

(51)⁷ G03G 15/00

(11) WO 2004/044657 (13) A2

(21) PCT/US2003/035251

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/289,939 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NANO-STRUCTURE BASED SYSTEM AND METHOD FOR CHARGING A PHOTOCONDUCTIVE SURFACE

• SYSTEME A BASE DE NANOSTRUCTURE ET PROCEDE DE CHARGEMENT D'UNE SURFACE PHOTOCONDUCTRICE

(71) BROTHER INTERNATIONAL CORPORATION [US/US]; Henry Sacco, Esq., 100 Somerset Corporate Blvd., Bridgewater, NJ 08807-0911 (US).

(72) LEWIS, Howard; 2767 Misty Valley Drive, Memphis, TN 38002 (US).

(74) LEDONNE, Eugene; Reed Smith LLP, 599 Lexington Avenue, 29th Floor, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO 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).

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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU

CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 15/14, 15/16, 21/00

(11) WO 2004/044658 (13) A1

(21) PCT/JP2003/014247

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-326496 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POWER SUPPLY UNIT AND ELECTROPHOTOGRAPHIC APPARATUS EMPLOYING IT

• UNITE D'ALIMENTATION ELECTRIQUE ET APPAREIL ELECTROPHOTOGRAPHIQUE METTANT EN OEUVRE CETTE UNITE

(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) NAKANISHI, Tsutomu [JP/JP]; 103-1, Machibirao-cho, Matsusaka-shi, Mie 515-0803 (JP). NISHIOKA, Takaharu [JP/JP]; 1082-1, Sata, Tamaki-cho, Watarai-gun, Mie 519-0414 (JP).

(74) IWAHASHI, Fumio et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN JP US.

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(51)⁷ G03H 1/00

(11) WO 2004/044659 (13) A2

(21) PCT/DE2003/003791

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 53 292.3 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VIDEO HOLOGRAM AND DEVICE FOR RECONSTRUCTING VIDEO HOLOGRAMS

• HOLOGRAMME VIDEO ET DISPOSITIF DE RECONSTRUCTION D'HOLOGRAMMES VIDEO

(71) SEEREAL TECHNOLOGIES GMBH [DE/DE]; Blasewitzer Strasse 43, 01307 Dresden (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHWERDTNER, Armin [DE/DE]; Rathener Strasse 7, 01259 Dresden (DE).

(81) BR CN IL IN JP KR MX NO PH RU SE SG TR US ZA.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G05B

(11) WO 2004/044660 (13) A2

(21) PCT/US2003/034848

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 60/424,944 8 Nov/nov 2002 US (08.11.2002)

(30) 10/335,748 2 Jan/jan 2003 US (02.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROBABILITY CONSTRAINED OPTIMIZATION FOR ELECTRICAL FABRICATION CONTROL

• OPTIMISATION A CONTRAINTES DE PROBABILITE POUR COMMANDE DE FABRICATION ELECTRIQUE

(71) ADVANCED MICRO DEVICES, INC. [US/US]; One AMD Place, Mail Stop 68, P.O. Box 3453, Sunnyvale, CA 94088-3453 (US).

(72) GOOD, Richard, P.; 1849 River Crossing Circle Apt. A, Austin, TX 78741 (US). CHERRY, Gregory, A.; 7201 Wood Hollow Drive, Apt. 408, Austin, TX 78731 (US). WANG, Jin; 162 West 6th Street #K, Austin, TX 78703 (US).

(74) DRAKE, Paul, S.; 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 DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044661 (13) A2

(21) PCT/US2003/034914

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/288,391 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FOAM DETECTOR AND DISRUPTOR

• DETECTEUR DE MOUSSE ET INTER-RUPTEUR

(71) O.I. CORPORATION [US/US]; P. O. Box 9010, College Station, TX 77842-9010 (US).

(72) SIMON, Richard, K., Jr.; 3946 Parrot Cove, College Station, TX 77845 (US). RAWLS, Nathan, C.; 6650 River Oaks, College Station, TX 77845 (US).

(74) **RUTHERFORD, Keith, A.** et al. / etc.; Wong, Cabello, Lutsch, Rutherford & Bruculeri, L.L.P., 20333 Tomball Parkway, Suite 600, Houston, TX 77070 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G05B

(11) WO 2004/044662 (13) A2

(21) PCT/US2003/035913

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,331 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS AND SYSTEM FOR MONITORING A CONTINUOUS ELEMENT BEING INCORPORATED WITHIN A CIGARETTE FILTER
• PROCEDE ET SYSTEME PERMETTANT DE SURVEILLER UN ELEMENT CONTINU ETANT INCORPORE A L'INTERIEUR UN FILTRE DE CIGARETTE

(71) **PHILIP MORRIS PRODUCTS S.A.** [CH/CH]; Quai Jeanrenaud 3, CH-2000 Neuchâtel (CH).
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(72, 75) **LANIER, Robert, C., Jr.** [US/US]; 4240 Hunters Ridge Drive, Moseley, VA 23120 (US). **GILL, Tejinder** [US/US]; 11705 Aprilbud Drive, Richmond, VA 23233 (US). **CAMPBELL, Steven, M.** [US/US]; 8341 Reeds Grove Lane, Mechanicsville, VA 23116 (US). **BELLAMAH, Stephen, J.** [US/US]; 1930 Corner Rock Road, Midlothian, VA 23113 (US).

(74) **SKIFF, Peter, K.** et al. / etc.; 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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G05B 13/04

(11) WO 2004/044663 (13) A1

(21) PCT/US2003/035569

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/292,708 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COORDINATION IN MULTILAYER PROCESS CONTROL AND OPTIMIZATION SCHEMES

• COORDINATION DE LA COMMANDE D'UN PROCEDE MULTICOUCHE ET SCHEMAS D'OPTIMISATION

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **HAVLENA, Vladimir;** V Kreplach 245, Prague 8 (CZ).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G05B 15/00, H03K 17/94

(11) WO 2004/044664 (13) A1

(21) PCT/US2003/035308

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,557 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VIRTUAL WORKSTATION

• POSTE DE TRAVAIL VIRTUEL

(71, 72) **LIN, Julius** [US/US]; 108 Beverly St., Mountain View, CA 94043 (US).

(74) **MCCRISTLE, KELLY;** P.O. BOX 848, 2401 Carlmont Dr #17, Belmont, CA 94002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G05B 17/02, 23/02, B65H 18/26

(11) WO 2004/044665 (13) A1

(21) PCT/FI2003/000851

(22) 10 Nov/nov 2003 (10.11.2003)

(25) fi (26) en

(30) 20022023 13 Nov/nov 2002 FI (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR CONTROLLING A WIND-UP, INCLUDING DETERMINING RUNNING PARAMETERS BASED ON MODELS TAKING UN-WINDING INTO ACCOUNT

• PROCEDE POUR REGULER UN BOBINAGE, COMPRENANT UNE ETAPE DE DETERMINATION DE PARAMETRES FONCTIONNELS SUR LA BASE DE MODELES TENANT COMPTE DU BOBINAGE

(71) **METSO PAPER, INC.** [FI/FI]; Fabianinkatu 9 A, FIN-00130 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOUTONEN, Pauli** [FI/FI]; Apupapintie 2, FIN-05400 Jokela (FI). **JORKAMA, Marko** [FI/FI]; Jenkkapolku 30 A, FIN-04420 Järvenpää (FI). **PAANASALO, Jari** [FI/FI]; Metsolantie 46 A 3, FIN-04430 Järvenpää (FI).

(74) **FORSSÉN & SALOMAA OY;** Eerikinkatu 2, FIN-00100 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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).

Published / Publiée : (c)

(51)⁷ G05B 19/418

(11) WO 2004/044666 (13) A2

(21) PCT/EP2003/012578

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 892.6 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR AUTOMATED TROUBLESHOOTING OF A FIELD DEVICE

• PROCEDE DE DIAGNOSTIC D'APPAREILS DE TERRAIN EN TECHNIQUE D'AUTOMATISATION DE PROCES-SUS

(71) ENDRESS + HAUSER PROCESS SOLUTIONS AG [CH/CH]; Christoph-Merian-Ring 23, CH-4153 Reinach (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DA SILVA NETO, Eugenio Ferreira [BR/CH]; Bachgasse 20, CH-4105 Biel-Benken (CH).

(74) HAHN, Christian; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G05D 1/00

(11) WO 2004/044667 (13) A2

(21) PCT/US2003/035654

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,044 8 Nov/nov 2002 US (08.11.2002)

(30) 10/703,185 6 Nov/nov 2003 US (06.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR USING AIRPORT INFORMATION BASED ON FLYING ENVIRONMENT

• SYSTÈME ET PROCÉDÉ PERMETTANT D'UTILISER DES INFORMATIONS D'AÉROPORT EN FONCTION D'UN ENVIRONNEMENT DE VOL

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) CONNER, Kevin, J.; 726 Alvord Avenue N., Kent, WA 98034 (US). JOHNSON, Steven, C.; 4237 245 Avenue S.E., Issaquah, WA 98029 (US). ISHIHARA, Yasuo; 12909 NE 136 Place, Kirkland, WA 98034 (US).

(74) HOIRIIS, David, Esq. et al. / etc.; Honeywell Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 G05D 16/10

(11) WO 2004/044668 (13) A1

(21) PCT/FR2003/003212

(22) 28 Oct/oct 2003 (28.10.2003)

(25) fr (26) fr

(30) 0213620 30 Oct/oct 2002 FR (30.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PASSIVE DEVICE FOR BALANCING THE PRESSURE OF FIRST AND SECOND FLUIDS AND USE THEREOF

• DISPOSITIF PASSIF D'EQUILIBRAGE DE LA PRESSION D'UN PREMIER ET D'UN SECOND FLUIDES ET UTILISATION

(71) FRAMATOME ANP [FR/FR]; Tour Areva, 1 Place de la Coupole, F-92400 COURBEVOIE (FR). LECOMTE [FR/FR]; 35, rue Camille Corot, F-92500 RUEIL-MALMAISON (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FICHET, Bruno [FR/FR]; Saint Loup de Varennes, F-71240 SENNECEY LE GRAND (FR). BREUIL, Eric [FR/FR]; 72, rue Vauban, F-69006 LYON (FR).

(74) BOUGET, Lucien et al. / etc.; CABINET LAVOIX, 2 Place d'Estienne d'Orves, F-75441 PARIS CEDEX 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G05G 9/047

(11) WO 2004/044669 (13) A1

(21) PCT/FR2003/003304

(22) 5 Nov/nov 2003 (05.11.2003)

(25) fr (26) fr

(30) 02/13944 7 Nov/nov 2002 FR (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTROL HANDLE FOR ELECTRO-HYDRAULIC DEVICE

• POIGNÉE DE COMMANDE POUR DISPOSITIF ÉLECTROHYDRAULIQUE

(71) REXROTH SA [FR/FR]; 91 Boulevard Irène Joliot Curie, F-69200 Venissieux (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) MERLETTI, Didier [FR/FR]; Route de Saint-André, F-69440 Saint Sorlin (FR). ROUSSIN, Xavier [FR/FR]; 14 chemin du Lavoir, F-38140 La Murette (FR).

(74) CABINET GERMAIN & MAUREAU; B.P.6153, F-69466 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F

(11) WO 2004/044670 (13) A2

(21) PCT/GB2003/004933

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226517.1 13 Nov/nov 2002 GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POSITION SENSITIVE KEY AND LOCK (PSKL)

• SYSTÈME A VERROU ET A CLE SENSIBLE A LA POSITION (PSKL)

(71, 72) METCALF, John [GB/GB]; White House, 65 Birmingham Road, Shenstone Wood End, Near Lichfield, Staffordshire WS14 0LQ (GB).

(81) AE AG 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 G06F

(11) WO 2004/044671 (13) A2

(21) PCT/KR2003/002455

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 10-2002-0070573 14 Nov/nov 2002 KR
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CLOTHES SERVICE SYSTEM ON IN-
TERNET
• SYSTEME DE SERVICE DE CONFEC-
TION SUR INTERNET

(71) TOMORROW OF DREAMERS CO.,
LTD [KR/KR]; 129-56, Myeonmok-dong,
Jungnang-gu., Seoul 131-200 (KR).
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les États désignés sauf US)

(72, 75) JUNG, Yong Ju [KR/KR]; 2F, 61-36,
Gui 2-dong, Kwangjin-gu., Seoul 143-202
(KR). KIM, Jae Ho [KR/KR]; 1-1005, Serim
APT, 784, Majang-dong, Sungdong-gu.,
Seoul 133-816 (KR).

(74) HAN, Sang Hyuk; 4F, Hyesung B/D,
115-12, Nonhyeon-dong, Kangnam-gu,
Seoul 135-821 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/044672 (13) A2

(21) PCT/US2003/024503

(22) 5 Aug/août 2003 (05.08.2003)

(25) en (26) en

(30) 60/401,154 5 Aug/août 2002 US
(05.08.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SYSTEM AND METHOD FOR
MANUFACTURING WIRELESS DE-
VICES
• SYSTEME ET PROCEDE DE FABRICA-
TION DE DISPOSITIFS SANS FIL

(71) RESEARCH FOUNDATION OF
THE STATE UNIVERSITY OF NEW
YORK [US/US]; P.O. Box 9, Albany, NY
12201-0009 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) GAMBINO, Richard [US/US]; 148
Sycamore Circle, Stony Brook, NY 11790
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Street, Port Jefferson, NY 11777 (US).
SAMPATH, Sanjay [US/US]; 18 Wash-
ington Avenue, Setauket, NY 11733 (US).
TANKIEWICZ, Szymon [PL/US]; Stony
Brook, NY 11790 (US).

(74) WALLACE, Nathaniel, T. et al. / etc.; F.
CHAU & Associates, LLP, Suite 501, 1900
Hempstead Turnpike, East Meadow, NY
11554 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SK SL TJ TM TN TR TT TZ
UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F

(11) WO 2004/044673 (13) A2

(21) PCT/US2003/031196

(22) 1 Oct/oct 2003 (01.10.2003)

(25) en (26) en

(30) 10/292,924 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SYSTEM AND METHOD FOR DELIV-
ERY OF INFORMATION BASED ON
WEB PAGE CONTENT
• SYSTEME ET PROCEDE DE DIS-
TRIBUTION D'INFORMATIONS EN
FONCTION D'UN CONTENU DE PAGE
WEB

(71) CLARIA CORPORATION [US/US]; 555
Broadway Street, Redwood City, CA 94063
(US).

(72) PENNELL, Mark, E.; 14913 Solera Drive,
Austin, TX 78717 (US). MCFADDEN, Jef-
frey, A.; 1220 Southdown Road, Hillsbor-
ough, CA 94010 (US). MARTIN, Anthony,
G.; 1060 Los Altos Avenue, Los Altos, CA
94022 (US).

(74) WININGER, Aaron et al. / etc.; 600 Hansen
Way, Palo Alto, CA 94304-1043 (US).

(81) AE AG 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 G06F

(11) WO 2004/044674 (13) A2

(21) PCT/US2003/032334

(22) 9 Oct/oct 2003 (09.10.2003)

(25) en (26) en

(30) 10/290,939 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • OBSERVATION TOOL FOR SIGNAL
PROCESSING COMPONENTS
• OUTIL D'OBSERVATION POUR COM-
POSANTS DE TRAITEMENT DE SI-
GNAUX

(71) BAE SYSTEMS INFORMATION AND
ELECTRONIC SYSTEMS INTEGRA-
TION 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) BRYANT, Jeffrey, F. [US/US]; 2 Wind-
sor Blvd., Londonderry, NH 03053 (US).

(74) LONG, Daniel, J.; BAE Systems Informa-
tion and Electronic Systems Int, egration Inc.,
65 Spit Brook Road, NHQ01-719, Nashua,
NH 03061 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO 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 2004/044675 (13) A2

(21) PCT/US2003/033134

(22) 17 Oct/oct 2003 (17.10.2003)

(25) en (26) en

(30) 10/287,954 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DISTRIBUTED APPARATUS TO IM-
PROVE SAFETY AND COMMUNI-
CATION FOR LAW ENFORCEMENT
APPLICATIONS
• APPAREIL REPARTI PERMETTANT
D'AMELIORER LA SECURITE ET
LA COMMUNICATION EN MATIERE
D'APPLICATION DE LA LOI

(63) US 10/287,954 (CON)
5 Nov/nov 2002 (05.11.2002)

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006 Oaza
Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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les États désignés sauf US)

(72, 75) **JUNQUA, Jean-Claude** [US/US]; 4543 Nueces Drive, Santa Barbara, CA 93110 (US).

(74) **STOBBS, Gregory, A. et al.** / etc.; Har-ness, Diceky & Pierce, P.L.C., P. O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/044676 (13) A2

(21) PCT/US2003/033908

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 10/289,782 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRONIC DOCUMENT REPOSITORY MANAGEMENT AND ACCESS SYSTEM

• SYSTEME PERMETTANT L'ACCES ET LA GESTION D'UN REFERENTIEL DE DOCUMENTS ELECTRONIQUES

(71) **THOMSON LEGAL AND REGULATORY GLOBAL AG** [CH/CH]; 59-61 Zuercherstrasse, CH-8800 Thalwil (CH).
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(72, 75) **BLUHM, Mark** [US/US]; 7833 Jenner Ave. S., Cottage Grove, MN 55016 (US). **GETTING, Bruce** [US/US]; 2809 Woodbridge St., Roseville, MN 55113 (US). **HAYFT, Mark** [US/US]; 13805 Flagstaff Ave., Apple Valley, MN 55124 (US). **WALZ, Shirley** [US/US]; 14070 Furlong Trail, Hastings, MN 55033 (US).

(74) **HEMPHILL, Stuart, R. 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 BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 2004/044677 (13) A2

(21) PCT/US2003/034204

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 60/422,528 31 Oct/oct 2002 US (31.10.2002)

(30) 10/693,137 24 Oct/oct 2003 US (24.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR PROVIDING JAVA BASED HIGH AVAILABILITY CLUSTERING FRAMEWORK

• SYSTEME ET PROCEDE POUR OBTENIR UN CADRICIEL DE REGROUPEMENT A DISPONIBILITE ELEVEE FONDE SUR JAVA

(71) **BEA SYSTEMS, INC.** [US/US]; 2315 North First Street, San Jose, CA 95131 (US).

(72) **GUNDUC, Mesut**; Apt. 722, 2504 Western Avenue, Seattle, WA 98121 (US). **HELLER, Tena**; 140 Allen Road, Liberty Corner, NJ 07938 (US).

(74) **MEYER, Sheldon, R.**; Fliesler Dubb Meyer and Lovejoy LLP, Four Embarcadero Center, Suite 400, San Francisco, CA 94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06F

(11) WO 2004/044678 (13) A2

(21) PCT/US2003/034208

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 10/289,083 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VIGNETTE INSPECTION SYSTEM

• SYSTEME D'INSPECTION DE VIGNETTE NUMISMATIQUE

(71) **CURRENCY SYSTEMS INTERNATIONAL, INC.** [US/US]; 6401 Commerce Drive, Irving, TX 75063 (US).

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(72, 75) **BLAIR, Ronald, Bruce** [US/US]; 5113 Forest Hill Drive, Flower Mound, TX 75028 (US).

(74) **CAHOON, Colin, P.**; Carstens, Yee & Cahoon, L.L.P., P.O. Box 802334, Dallas, TX 75380 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/044679 (13) A2

(21) PCT/US2003/034595

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/289,130 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTIPLE-ENTITY TRANSACTION SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES DE TRANSACTION POUR ENTITES MULTIPLES

(71) **FIRST DATA CORPORATION** [US/US]; 12500 East Belford Avenue, Englewood, CO 80112-5939 (US).

(72) **MICHELSSEN, Mike**; 8200 W. 52nd Ave, Arvada, CO 80002 (US). **HANSEN, Kurt**; 5133 E. Essex Avenue, Castle Rock, CO 80104 (US). **SEIFERT, Dean, A.**; 20315 Vista Circle, Parker, CO 80138 (US). **AL-GIENE, Kenneth**; 9347 W. Vandeventor Drive, Littleton, CO 80128 (US).

(74) **GIBBY, Darin, J. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06F

(11) WO 2004/044680 (13) A2

(21) PCT/US2003/034981

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/294,303 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PARAMETERIZING SYSTEM AND METHOD

• PROCEDE ET SYSTEME DE PARAMETRAGE

(71) ACCELENT SYSTEMS, INC. [US/US]; 3480 W. Market Street, Suite 105, Akron, OH 44313 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GENSEL, Thomas [US/US]; 1884 Brookshire Road, Akron, OH 44313 (US).

(74) JOHNSON, Brian, D.; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 G06F

(11) WO 2004/044681 (13) A2

(21) PCT/US2003/035022

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/288,973 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR CONFIGURABLE ADDRESS MAPPING AND PROTECTION ARCHITECTURE AND HARDWARE FOR ON-CHIP SYSTEMS

• PROCEDE ET APPAREIL PERMETTANT UNE MISE EN CORRESPONDANCE D'ADRESSES CONFIGURABLE, ET ARCHITECTURE ET MATERIEL DE PROTECTION POUR SYSTEMES INTEGRES

(71) SONICS, INC. [US/US]; 2440 West El Camino Real, Suite #620, Mountain View, CA 94040 (US).

(72) CHOU, Chien-Chun; 1709 Peony Lane, San Jose, CA 95124 (US). TOMLINSON, Jay, S.; 5516 Del Oro Drive, San Jose, CA 95124 (US). WEBER, Wolf-Dietrich; 5851 Meander Drive, San Jose, CA 95120 (US). WINGARD, Drew, E.; 1059 Hewitt Drive, San Carlos, CA 90470 (US). KASETTI, Sricharan; 3351 Alma Street #216, Palo Alto, CA 94031 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/044682 (13) A2

(21) PCT/US2003/035119

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/423,799 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A FINANCIAL SYSTEM THAT PROVIDES INVESTMENT FUNDS AND A DEATH BENEFIT

• SYSTEME FINANCIER OFFRANT DES FONDS DE PLACEMENT ET UNE PRESTATION DE DECES

(71) THE HARTFORD FIRE INSURANCE COMPANY [US/US]; The Hartford Plaza, Asylum Street, Hartford, CT 06001 (US).

(72) MALLOZZI, James, J.; 75 Ridgebury Road, Avon, CT 06001 (US).

(74) PLEVY, Arthur, L. et al. / etc.; Duane, Morris LLP, 100 College Road West, Suite 100, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/044683 (13) A2

(21) PCT/US2003/035243

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,287 6 Nov/nov 2002 US (06.11.2002)

(30) 60/502,099 11 Sep/sep 2003 US (11.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR DETECTION AND RECOGNITION OF FOG PRESENCE WITHIN AN AIRCRAFT COMPARTMENT USING VIDEO IMAGES

• PROCEDE DE DETECTION ET DE RECONNAISSANCE DE LA PRESENCE DE BROUILLARD DANS UN COMPARTIMENT D'AERONEF EFFECTUE A L'AIDE D'IMAGES VIDEO

(71) SIMMONDS PRECISION PRODUCTS, INC. [US/US]; 100 Panton Road, Vergennes, VT 05491 (US).

(72) ZAKRZEWSKI, Radoslaw, Romuald; 4 Kingston Road, South Burlington, VT 05403 (US). SADO, Mokhtar; 211 Lamplite Lane, Williston, VT 05495 (US). SHIRER, Jeffrey, James; 456 Round Barn Road, Ferrisburg, VT 05456 (US). ZELIFF, Robert, Lowell; 2209 East Street, Bridport, VT 05734 (US).

(74) MUIRHEAD, Donald, W. et al. / etc.; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044684 (13) A2

(21) PCT/US2003/035255

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,833 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SYSTEM AND METHOD FOR PRODUCING ELECTRONIC BUSINESS INFORMATION REPORTS AND RELATED PRODUCTS

• SYSTEME ET PROCÉDE POUR PRODUIRE DES RAPPORTS D'INFORMATION DE COMMERCE ELECTRONIQUE ET PRODUITS ASSOCIES

- (71) **DUN & BRADSTREET, INC.** [US/US]; 103 JFK Parkway, Short Hills, NJ 07078 (US).

- (72) **PARRY, Jim**; 1319 Camelot Drive, Easton, PA 18045 (US). **PATTERSON, Gene, C.**; 2 Country Lane, Fair Haven, NJ 07704 (US).

- (74) **GREELEY, Paul, D.**; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) **WO 2004/044685** (13) A2

(21) PCT/US2003/035309

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 60/424,333 **7 Nov/nov 2002 (07.11.2002)** US

(30) 10/299,007 **19 Nov/nov 2002 (19.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

- (54) • A METHOD AND APPARATUS FOR CONFIGURING PROGRAMMABLE LOGIC DEVICES

• PROCÉDE ET APPAREIL DE CONFIGURATION DE DISPOSITIFS LOGIQUES PROGRAMMABLES

- (71) **INRANGE TECHNOLOGIES CORPORATION** [US/US]; 100 Mount Holly By-Pass, Lumberton, NJ 08048 (US). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **HORANZY, Joseph** [US/US]; 575 South Mount Vernon Circle, Bensalem, PA 19020 (US).

- (74) **TYSVER, Daniel, A. et al.** / etc.; Beck & Tysver, P.L.L.C., 2900 Thomas Avenue S., Suite 100, Minneapolis, MN 55416 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 G06F

(11) **WO 2004/044686** (13) A2

(21) PCT/US2003/035315

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 10/288,916 **6 Nov/nov 2002 (06.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

- (54) • EMISSIONS REDUCTION PORTFOLIO
• PORTEFEUILLE DE REDUCTION D'EMISSIONS

(63) US 10/288,916 (CON)
6 Nov/nov 2002 (06.11.2002)

- (71) **EMDG LTD.** [GB/GB]; Cable House, 54-62 New Broad Street, London EC2 M1JJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

- (72, 75) **COGEN, Jack** [US/US]; 60 East End Avenue, Apt. 25A, New York, NY 10028 (US). **GADD, Fiona, Kathryn** [GB/GB]; 22 Langcliffe Close, Culcheth, Warrington, Cheshire WA3 4LR (GB).

- (74) **ORTEGA, Arthur**; Fish & Richardson P.C., 45 Rockefeller Plaza, Suite 2800, New York, NY 10111 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) **WO 2004/044687** (13) A2

(21) PCT/US2003/035354

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 10/292,666 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

- (54) • INSTRUMENT ACCESS CONTROL SYSTEM
• SYSTEME DE COMMANDE D'ACCES A DES INSTRUMENTS

- (71) **MILLIPORE CORPORATION** [US/US]; Renato M. de Luna, 290 Concord Road, Billerica, MA 01821 (US).

- (72) **HIRSCH, Thomas, Steven**; 24 Fox Run Road, Bedford, MA 01730 (US).

- (74) **DE LUNA, Renato, M.**; Millipore Corporation, 290 Concord Road, Billerica, MA 01821 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044688** (13) A2

(21) PCT/US2003/035384

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 10/290,008 **7 Nov/nov 2002 (07.11.2002)** US

(30) 10/352,750 **27 Jan/jan 2003 (27.01.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

- (54) • CUSTOMER RELATIONSHIP MANAGEMENT SYSTEM AND METHOD FOR PHYSICAL LOCATIONS

• SYSTEME ET PROCÉDE DE GESTION DE LA RELATION CLIENTS PAR RAPPORT A DES EMPLACEMENTS PHYSIQUES

- (71) **NOVITAZ** [US/US]; 320 Tonopah Drive, Fremont, CA 94539 (US).

- (72) **RAMCHANDANI, Jayant**; 320 Tonopah Drive, Fremont, CA 94539 (US). **GHIAS, Asif**; 173 Haight Street, #305, San Francisco, CA 94102 (US).

- (74) **KOTAB, Dominic**; Silicon Valley IP Group, PC, P.O. Box 721120, San Jose, CA 95172-1120 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06F

(11) **WO 2004/044689** (13) A2

(21) PCT/US2003/035395

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 60/424,141 **6 Nov/nov 2002 (06.11.2002)** US

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ANALYSIS OF GEOMETRIC SURFACES BY CONFORMAL STRUCTURE
• ANALYSE DE SURFACES GEOMETRIQUES AU MOYEN D'UNE STRUCTURE CONFORME
- (71) GEOMETRIC INFORMATICS INC. [US/US]; 70 Juniper Road, Belmont, MA 02478 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YAU, Shing-Tung [US/US]; 70 Juniper Road, Belmont, MA 02478 (US). GU, Xian-feng [CN/US]; 65 Dana Street, Cambridge, MA 02138 (US). WANG, Yalin [CN/US]; 715 Gayley Avenue, Los Angeles, CA 90024 (US).
- (74) MORIARTY, Gordon, R. 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 NI NO NZ OM PG PH PL PT 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).
- Declarations / Déclarations :**
(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)
(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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement
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- (51)⁷ G06F
- (11) WO 2004/044690 (13) A2
- (21) PCT/US2003/035405
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 60/424,930 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • REMOTE VIDEO QUEUING AND DISPLAY SYSTEM
• SYSTÈME DISTANT D'AFFICHAGE ET DE MISE EN FILE D'ATTENTE VIDÉO
- (71) LANE INDUSTRIES, INC. [US/US]; One Lane Center, 1200 Shermer Road, Northbrook, IL 60062-4561 (US).
- (72) KARSENTY, Yaakov; 90804 Nataf 44 (IL). SCOTT, Dave; 5396 Wrangler Drive, Fontana, CA 92336 (US).
- (74) CHARTOVE, Alex et al. / etc.; Morrison & Foerster LLP, 1650 Tysons Boulevard, Suite 300, McLean, VA 22102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM
- (30) 60/424,930 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • HARDWARE SIMULATION WITH ACCESS RESTRICTIONS
• SIMULATION DE MATERIEL AVEC RESTRICTIONS D'ACCES
- (71) CARBON DESING SYSTEMS, INC. [US/US]; 347 Totten Pond Road Suite 100, Waltham, MA 02451 (US).
- (72) NEIFERT, William; 100 Pleasant Street #31, Arlington, MA 02476 (US). MARANTZ, Joshua; 157 Aspinwall Avenue, Brookline, MA 02446 (US). HOTALING, Kevin; 32 Perry H. Henderson Drive, Framingham, MA 01701 (US). BUTLER, Stephen; 16 Souther Road, Gloucester, MA 01930 (US). LADD, Andrew; 20-6 Deer Path Lane, Maynard, MA 01754 (US). SENESKI, Mark; 96 Hewlett Street, Roslindale, MA 02131 (US).
- (74) GAFF, Brian, M.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/044691 (13) A2
- (21) PCT/US2003/035488
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 60/424,355 7 Nov/nov 2002 US (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OBLIQUE GEOLOCATION AND MEASUREMENT SYSTEM
• SYSTÈME DE LOCALISATION GEOGRAPHIQUE ET DE MESURE A PARTIR D'IMAGES OBLIQUES
- (71) PICTOMETRY INTERNATIONAL CORP. [US/US]; 100 Town Centre Drive, Suite A, Rochester, NY 146123 (US).
- (72) SCHULTZ, Stephen; 524 Bailey Road, West Henrietta, NY 14586 (US). GIUFFRIDA, Frank; 285 Chamberlain Road, Honeoye Falls, NY 14472 (US). GRAY, Robert; 230 Bristol Street, Canandigua, NY 14424 (US). MONDELLO, Charles; 534 Pittsford-Henrietta TL Road, Pittsford, NY 14534 (US).
- (74) FITZGERALD, Thomas, R.; 16 E. Main Street, Suite 210, Rochester, NY 14614-1803 (US).
- (81) AE AG AL AM AU AZ BA BB BR BY BZ CA CN CO CR CU DK DM DZ EC EE ES FI GD GE GH GM HR ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL RU SC SD SG SL SY TJ TM TN 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); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F
- (11) WO 2004/044693 (13) A2
- (21) PCT/US2003/035533
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 10/290,725 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND PROCESS FOR MATCHING PATIENTS WITH CLINICAL MEDICAL TRIALS
• SYSTÈME ET PROCÉDE DE MISE EN CORRESPONDANCE DE PATIENTS ET D'ESSAIS CLINIQUES MEDICAUX
- (71, 72) DEAKTER, Daniel [US/US]; 7810 Lago Del Mar Dreve #108, Boca Raton, FL 33433 (US).
- (74) SKOGLUND, Rodney et al. / etc.; Renner, Kenner, et AL., First National Tower, Fourth Floor, Akron, OH 44308-1456 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044694 (13) A2

(21) PCT/US2003/035556

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,830 7 Nov/nov 2002 US (07.11.2002)

(30) 60/472,943 23 May/mai 2003 US (23.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADVANCED TRAVEL MANAGEMENT SYSTEM

• SYSTEME DE GESTION DE VOYAGE AVANCÉ

(71) FLYTECOMM, INC. [US/US]; 1510 Fashion Island Blvd., Suite 300, San Mateo, CA 94404 (US).

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(72, 75) BAILEY, Maurice [US/US]; c/o FlyteComm, Inc., 1510 Fashion Island Blvd., Suite 300, San Mateo, CA 94404 (US). SMOLGOVSKY, Roman [US/US]; FlyteComm, Inc., 1510 Fashion Island Blvd., Suite 300, San Mateo, CA 94404 (US).

(74) WININGER, Aaron et al. / etc.; Squire, Sanders & Dempsey, 600 Hansen Way, 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 DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044695 (13) A2

(21) PCT/US2003/035594

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,262 6 Nov/nov 2002 US (06.11.2002)

(30) 10/373,216 24 Feb/fév 2003 US (24.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD AND APPARATUS FOR DYNAMIC CHECKING AND REPORTING SYSTEM HEALTH

• PROCEDE ET DISPOSITIF PERMETTANT DE VERIFIER ET DE SIGNALER DE MANIERE DYNAMIQUE L'ETAT DE SANTE D'UN SYSTEME

(71) VARCO I/P, INC. [US/US]; 2000 W. Sam Houston Parkway South, Suite 1700, Houston, TX 77042 (US).

(72) GUGGARI, Mallappa, I.; 1213 Woodhollow Cove, Cedar Park, TX 78613 (US). KOEDERITZ, William, L.; 2300 El Sol Drive, Cedar Park, TX 78613 (US).

(74) ROEBUCK, Michael, G.; Madan, Mossman & Sriram P.C., 2603 Augusta, Suite 700, 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 DMDZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO 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 G06F

(11) WO 2004/044696 (13) A2

(21) PCT/US2003/035631

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,058 8 Nov/nov 2002 US (08.11.2002)

(30) 60/425,670 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A SYSTEM AND PROCESS FOR ELECTRONIC SUBROGATION, INTER-ORGANIZATION WORKFLOW MANAGEMENT, INTER-ORGANIZATION TRANSACTION PROCESSING AND OPTIMIZED WEB-BASER USER INTERACTION

• SYSTEME ET PROCEDE DE SUBROGATION ELECTRONIQUE, DE GESTION DU DEROULEMENT DU TRAVAIL ENTRE ORGANISATIONS, DE TRAITEMENT DES TRANSACTIONS ENTRE ORGANISATIONS, ET D'INTERACTION DES UTILISATEURS SUR LE WEB

(71) SITERAS TECHNOLOGIES II LLC [US/US]; 811 Ashland Avenue, Wilmette, IL 60091 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FALK, Robert, J. [US/US]; 710 W. Hackberry Drive, Arlington Heights, IL 60004 (US). RADI, Richard, J. [US/US]; 811 Ashland Avenue, Wilmette, IL 60091 (US).

(74) DARDEN, Loletta, L.; Sachnoff & Weaver, Ltd., 30 South Wacker Drive, Suite 2900, 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/044697 (13) A2

(21) PCT/US2003/035644

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,029 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR ADDRESS INFORMATION DISTRIBUTION

• PROCEDE ET SYSTEME DE DISTRIBUTION D'INFORMATIONS D'ADRESSE

(71) SIEMENS DEMATIC POSTAL AUTOMATION, L.P. [US/US]; 2910 Avenue F, P.O. Box 65080, Arlington, TX 76005-1080 (US).

(72) SIPE, Wayne; 204 Yosemite Drive, Mansfield, TX 76063 (US). BRUCE, Ben, F.; 4900 Sagebrush Court, Arlington, TX 76017 (US). KIANI, Shahrom; 2716 Winding Hollow Lane, Arlington, TX 76006 (US). O'MARTIN, Alan, E.; 655 Duncan Drive, Coppell, TX 75019 (US). ALLEN, Gary; 5708 Melstone Drive, Arlington, TX 76016 (US). MAMPE, John, J.; 732 Sylvan Drive, FT. Worth, TX 76120-2848 (US).

(74) MEYERS, Philip, G.; Philip G. Meyers Law Office, Suite 302, 1009 Long Prairie Road, Flower Mound, TX 75022 (US).

(81) JP KR SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G06F

(11) WO 2004/044698 (13) A2

(21) PCT/US2003/035674

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/290,834 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEMS AND METHODS FOR PREVENTING INTRUSION AT A WEB HOST

- SYSTEMES ET PROCEDES PERMETTANT D'EVITER L'INTRUSION DANS UN HEBERGEMENT WEB
- (71) **FEDERAL NETWORK SYSTEMS LLC** [/]; 1300 N. 17th Street, Arlington, VA 22209 (US).
- (72) **SAMPLE, Char**; 2370 Sand Hill Road, Ellicott City, MD 21042 (US).
- (74) **SUCHYTA, Leonard, C. et al. / etc.**; Verizon Corporate Services Group Inc., 600 Hidden Ridge Drive, Mailcode HQE03H14, Irving, Texas 75038 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044700** (13) A2
- (21) PCT/US2003/035819
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 60/425,880 **12 Nov/nov 2002** US (12.11.2002)
- (30) 60/425,879 **12 Nov/nov 2002** US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHODS, COMPOSITIONS AND COMPUTER SOFTWARE PRODUCTS FOR INTERROGATING SEQUENCE VARIATIONS IN FUNCTIONAL GENOMIC REGIONS
- PROCEDES, COMPOSITIONS ET LOGICIELS INFORMATIQUES POUR INTERROGER DES VARIATIONS DE SEQUENCES DANS LES REGIONS GENOMIQUES FONCTIONNELLES
- (71) **AFFYMETRIX, INC.** [US/US]; 3380 Central Expressway, Santa Clara, CA 95051 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GINGERAS, Thomas, R.** [US/US]; 1541 Crest Drive, Encinitas, CA 92024 (US).
- (74) **TREANNIE, Lisa, M. et al. / etc.**; Ropes & Gray LLP, One International Place, Boston, MA 02110 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044699** (13) A2
- (21) PCT/US2003/035795
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 10/294,541 **13 Nov/nov 2002** US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND METHOD FOR HANDLING THE ACQUISITION AND ANALYSIS OF MEDICAL DATA OVER A NETWORK
- SYSTEME ET PROCEDE DESTINES A TRAITER L'ACQUISITION ET L'ANALYSE DE DONNEES MEDICALES SUR UN RESEAU
- (71) **BIOMEDICAL SYSTEMS CORPORATION** [US/US]; 2464 West Port Plaza Drive, St. Louis, MO 63146 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **OTT, James, E.** [US/US]; 621 East Jefferson, Kirkwood, MO 63122 (US). **KIDDER, Steven, M.** [US/US]; 10762 South 10th Avenue, Oak Creek, WI 53154-7202 (US). **BUCHANAN, Michael, R.** [US/US]; 7 Oak Hollow Drive, St. Peters, MO 63376 (US).
- (74) **AGOVINO, Frank, R. et al. / etc.**; Senniger, Powers, Leavitt & Roedel, #1 Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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.
- PROCEDES APPAREIL ET SYSTEMES DE VERIFICATION DE SOINS DE SANTE
- (71) **WALSH, Christopher, S.** [US/US]; 303 Falling Creek road, Fredericksburg, VA 22401 (US).
- (74) **HUNT, Ross, F, Jr. et al. / etc.**; Larson & Taylor, PLC, 1199 North Fairfax Street, Suite 900, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044702** (13) A2
- (21) PCT/US2003/035916
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 10/292,245 **12 Nov/nov 2002** US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • UPGRADING OF ELECTRONIC FILES INCLUDING AUTOMATIC RECOVERY FROM FAILURES AND ERRORS OCCURRING DURING THE UPGRADE
- MISE A NIVEAU DE FICHIERS ELECTRONIQUES COMPRENANT LA RECUPERATION AUTOMATIQUE DE DEFAILLANCES ET D'ERREURS SE PRODUISANT PENDANT LA MISE A NIVEAU
- (71) **DOONGO TECHNOLOGIES, INC.** [US/US]; 2130 Gold Street, Suite 200, Alviso, CA 95002 (US).
- (72) **JI, De**; 2130 Gold Street, Suite 200, Alviso, CA 95002 (US). **LUOSHENG, Peng**; 2130 Gold Street, Suite 200, Alviso, CA 95002 (US).
- (74) **GREGORY, Richard, L., Jr. et al. / etc.**; Shemwell Gregory & Courtney L L P, 4880 Stevens Creek Blvd., Suite 201, San Jose, CA 95129 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044701** (13) A2
- (21) PCT/US2003/035862
- (22) **10 Nov/nov 2003 (10.11.2003)**
- (25) en (26) en
- (30) 10/290,288 **8 Nov/nov 2002** US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • HEALTHCARE VERIFICATION METHODS, APPARATUS AND SYSTEMS

- MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044703** (13) A2
- (21) PCT/US2003/035997
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 10/290,869 **8 Nov/nov 2002 US (08.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **IT ASSET TRACKING SYSTEM**
• **SYSTEME DE SUIVI D'ACTIFS IT**
- (71) **NTECHRA, INC.** [US/US]; 1762 Technology Drive, Suite 226, San Jose, CA 95110 (US).
- (72) **HIRANI, Harikrishin, W.**; 1351 Country Club Drive, Los Altos, CA 94024 (US). **NALLAPERUMAL, Vallinayagam, R.**; 430 Galleria Drive, #4, San Jose, CA 95134 (US). **NIGAM, Ashish**; 550 Mansion Park Drive, #4, Santa Clara, CA 95054 (US). **AHMED, Jalil**; 1700 N. 1st Street, Apt. 110, San Jose, CA 95112 (US). **KWON, Sung, Y.**; 491 Leahy Street, Redwood City, CA 94061 (US).
- (74) **MALLIE, Michael, J. et al. / etc.**; Blakely, Sokoloff, Taylor & Zafman, LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044704** (13) A2
- (21) PCT/US2003/036042
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 10/293,585 **13 Nov/nov 2002 US (13.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **METHOD, APPARATUS AND INTERFACE FOR TRADING MULTIPLE TRADEABLE OBJECTS**
• **PROCEDE, DISPOSITIF ET INTERFACE POUR FAIRE LE COMMERCE DE MULTIPLES OBJETS NEGOCIABLES**
- (71) **TRADING TECHNOLOGIES INTERNATIONAL, INC.** [US/US]; 222 S. Riverside Plaza, Suite 1100, Chicago, IL 60606 (US).
- (72) **BURNS, Michael, J.**; 823 S. Oakley Blvd., Chicago, IL 60612 (US).
- (74) **SAMPSON, Matthew, J.**; McDonnell Boehnen Hulbert & Berghoff, 300 S. Wacker Drive, Suite 3200, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044705** (13) A2
- (21) PCT/US2003/036045
- (22) **10 Nov/nov 2003 (10.11.2003)**
- (25) en (26) en
- (30) 60/425,361 **11 Nov/nov 2002 US (11.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **SEARCH METHOD AND SYSTEM AND SYSTEMS USING THE SAME**
• **PROCEDE ET SYSTEME DE RECHERCHE ET SYSTEMES UTILISANT CEUX-CI**
- (71) **TRANSPARENSEE SYSTEMS, INC.** [US/US]; Ste. 800, 32 Union Square East, New York, NY 10003 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LAVINE, Steven, David** [US/US]; 225 East 6th Street, Apt. 5H, New York, NY 10003 (US).
- (74) **LERCH, Joseph, B. et al. / etc.**; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044706** (13) A2
- (21) PCT/US2003/036071
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 10/289,596 **7 Nov/nov 2002 US (07.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **METHOD FOR PROVIDING ENERGY COMMODITIES TRADE OUTSOURCING SERVICES WITHIN THE ENERGY MARKETS**
• **PROCEDE DE FOURNITURE DE SERVICES D'EXTERNALISATION D'ECHANGE DE PRODUITS ENERGETIQUES DANS LES MARCHES DE L'ENERGIE**
- (71) **MIRANT AMERICAS, INC.** [US/US]; 1155 Perimeter Center West, Atlanta, GA 30338 (US).
- (72) **MCCLURE, Robert, E., III**; 1215 River Laurel Drive, Suwanee, GA 30024 (US). **Ragan, John, W.**; 5314 Redfield Road, Dunwoody, GA 30338 (US). **ROBINSON, Scott**; 39385 Lime Kiln Road, Leesburg, VA 20175 (US).
- (74) **SMITH, Gregory, Scott**; LAVA Group Law by Smith and Frohwein, LLC, P.O. Box 88148, Atlanta, GA 30356 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **G06F**
- (11) **WO 2004/044707** (13) A2
- (21) PCT/US2003/036082
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 10/293,281 **14 Nov/nov 2002 US (14.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **EMERGENCY/MEDICAL INFORMATION SYSTEM**
• **SYSTEME D'INFORMATION MEDICALE/D'URGENCE**
- (71) **BUSH, Monica, P.** [US/US]; 800 17th Street, Apt. 44, Sacramento, CA 95814 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (74) **BIELEN, Theodore, J., Jr. et al. / etc.**; Bielen, Lampe & Thoeming, 1990 N. California Blvd., Suite 720, Walnut Creek, CA 94596 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) WO 2004/044708 (13) A2

(21) PCT/US2003/036109

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,393 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENHANCED CLIENT RELATIONSHIP MANAGEMENT SYSTEMS AND METHODS

• SYSTEMES ET PROCEDES AMELIORES DE GESTION DES RELATIONS CLIENTS

(63) US 10/293,393 (CON) 12 Nov/nov 2002 (12.11.2002)

(71) CLIENTDYNAMICS, INC. [US/US]; 20 Truman Street, Suite 200, Irvine, CA 92620-5742 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LUCAS, Scott [US/US]; 264 Metate Place, Palm Desert, CA 92260 (US). MOORE, Erik [US/US]; 17041 Conway Springs court, Austin, TX 78717 (US). LEE, David [US/US]; 6 Skycrest, Mission Viejo, CA 92692 (US).

(74) PIERRI, Margaret, A. 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044709 (13) A2

(21) PCT/US2003/036271

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,895 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF MUTUALLY ENHANCING RETAIL SALES AND USER TRAFFIC ON A WEB SITE

• PROCEDE FAVORISANT MUTUELLEMENT LES VENTES DE DETAIL ET LE TRAFIC UTILISATEUR SUR UN SITE WEB

(71) NEOPETS, INC. [US/US]; 412 West Broadway, Third Floor, Glendale, CA 91204 (US).

(72) DOHRING, Doug, Carl; 3000 Cornwall Drive, Glendale, CA 91206 (US).

(74) GRADISAR, Stanley, J. et al. / etc.; Gibson, Dunn & Crutcher LLP, 1801 California Street, Suite 4100, Denver, CO 80202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations
(t) for all designations / pour toutes les désignations

(51)⁷ G06F

(11) WO 2004/044710 (13) A2

(21) PCT/US2003/036349

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,621 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTICAST VIDEOCONFERENCING

• VIDEOCONFERENCE EN MULTIDIFFUSION

(71) SUPRACOMM, INC. [US/US]; 350 South Center Street, Suite 500, Reno, NV 89501 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) RIDEOUT, Neil [CA/CA]; 3471 Plummer Avenue, New Waterford, Nova Scotia (CA).

(74) VON TERSCH, Glenn; Perkins Coie LLP, 101 Jefferson Drive, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F

(11) WO 2004/044711 (13) A2

(21) PCT/US2003/036426

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,035 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR INFORMATION HANDLING SYSTEM CUSTOM IMAGE MANUFACTURE

• PROCEDE ET SYSTEME POUR LA FABRICATION D'IMAGES PERSONNALISEES DE SYSTEME DE GESTION D'INFORMATION

(71) DELL PRODUCTS, L.P. [US/US]; One Dell Way, Round Rock, TX 78682-2244 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JARVIS, Marc, Everett, Andrew [US/US]; 125 Northcliffe, Belton, TX 76513 (US). HANES, Kevin, Lee [US/US]; 7306 West Magic Mountain, Round Rock, TX 78681 (US). RALEY, Jefferson, Watts [US/US]; 2033 Creole Drive, Austin, TX 78727 (US). NAGASE, Kent, William [US/US]; 652 Columbine Avenue, Cedar Park, TX 78613 (US).

(74) CHONG, Leighton; Ostrager Chong & Flaherty (Hawaii) PC, 841 Bishop Str., Suite 1200, Honolulu, HI 96813 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F

(11) WO 2004/044712 (13) A2

(21) PCT/US2003/036628

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/414,529 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR CAP-
TURING AND ANALYZING TENNIS
PLAYER PERFORMANCES AND TEN-
DENCIES

• SYSTEME ET PROCEDE DE SAISIE ET
D'ANALYSE DES PERFORMANCES
ET TENDANCES D'UN JOUEUR DE
TENNIS

(71, 72) KING, Brian [US/US]; 105 N. Victoria
Park Road, Fort Lauderdale, FL 33301 (US).

(74) SISSELMAN, Kerry et al. / etc.; Concord
Camera Corp., 4000 Hollywood Blvd., Suite
650N, Hollywood, FL 33021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
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 NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 G06F

(11) WO 2004/044713 (13) A2

(21) PCT/US2003/036649

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/294,009 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ENFORCING DATA PROTECTION
LEGISLATION IN WEB DATA SER-
VICES

• MISE EN APPLICATION D'UNE LOI
SUR LA PROTECTION DES DONNEES
DANS DES SERVICES DE DONNEES
WEB

(71) AMERICA ONLINE, INCORPORATED
[US/US]; 22000 AOL WAY, Dulles, VA
20166 (US).

(72) FENG, An; 1035 Colony Hills Lane, Cuper-
tino, CA 95014 (US). MINJAREZ, Frank;
980 Hayne Road, Hillsborough, CA 94010
(US).

(74) GLENN, Michael, A. et al. / etc.; Glenn
Patent Group, 3475 Edison Way, Suite L,
Menolo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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).

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 ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 G06F 1/00, 15/00

(11) WO 2004/044714 (13) A1

(21) PCT/JP2003/014308

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-326943 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPUTER SECURITY SYSTEM

• SYSTEME DE SECURITE INFORMA-
TIQUE

(71) TERA CO., LTD. [JP/JP]; 1-3, Yam-
abuki-cho, Naka-ku, Yokohama-shi, Kana-
gawa 221-0832 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SATO, Wataru [JP/JP]; c/o Tera Co.,
Ltd., 1-3, Yamabuki-cho, Naka-ku, Yoko-
hama-shi, Kanagawa 221-0832 (JP).

(74) HIGUCHI, Morinosuke et al. / etc.;
Toranomom 40MT Bldg., 13-1, Toranomom
5-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AE AG AL AM AU AZ BA BB BR BY BZ
CA CN CO CR CU DM DZ EC GD GE GH
GM HR ID IL IN IS KE KG KP KR KZ LC

LK LR LS LT LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL RU SC
SD SG SL SY TJ TM TN TT TZ UA UG US
UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES
FI FR GB GR HU IE IT LU MC NL PT RO
SE SI SK TR); OA (BF BJ CF CG CI CM GA
GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00, G07F 7/00, 17/32

(11) WO 2004/044715 (13) A1

(21) PCT/US2003/032874

(22) 15 Oct/oct 2003 (15.10.2003)

(25) en (26) en

(30) 10/291,926 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IDENTIFYING MESSAGE SENDERS
FOR GAMING DEVICES

• IDENTIFICATION D'EXPEDITEURS
DE MESSAGE

(71) IGT [US/US]; 9295 Prototype Drive, Reno,
NV 89521 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BROSAN, William [US/US]; 4751 W.
Creek Ridge Trail, Reno, NV 89509 (US).
BENBRAHIM, Jamal [MA/US]; 8455 Of-
fenhauser #1022, Reno, NV 89511 (US).
LEMAY, Steven, G. [US/US]; 17085 Pine
Castle Drive, Reno, NV 89511 (US).

(74) OLYNICK, David, P.; P.O. Box 778, Berke-
ley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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)

(51)⁷ G06F 1/00

(11) WO 2004/044716 (13) A2

(21) PCT/US2003/035596

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/291,313 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REFLECTION MECHANISM FOR IL-
LUMINATING INSIGNIA ON A COM-
PUTER SYSTEM

• MECANISME DE REFLEXION SER-
VANT A ECLAIRER DES SYMBOLES
SUR UN SYSTEME INFORMATIQUE

(71) SUN MICROSYSTEMS, INC. [US/US];
4150 Network Circle, Santa Clara, CA 95054
(US).

(72) **KIM, David, K., J.**; 3492 Princess Margaret Court, San Jose, CA 95132 (US). **LEE, Milton, C.**; 525 Minton Lane, Mountain View, CA 94041 (US). **BROVALD, Russell**; 181 Ada Avenue, #48, Mountain View, CA 94043 (US). **RUCKMAN, William, W.**; 1567 Oak Canyon Drive, San Jose, CA 95120 (US). **CHEN, Wenjun**; 1321 Harrington Street, Fremont, CA 94539 (US).

(74) **ROSENTHAL, Alan, D.** et al. / etc.; Osha & May L.L.P., 1221 McKinney Street, Suite 2800, Houston, TX 77010 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **G06F 1/00, H04L 9/32**

(11) **WO 2004/044717** (13) A1

(21) PCT/US2003/035994

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/424,893 **8 Nov/nov 2002 (08.11.2002)** US

(30) 10/703,104 **5 Nov/nov 2003 (05.11.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • CERTIFICATE RENEWAL IN A CERTIFICATE AUTHORITY INFRASTRUCTURE

• RENOUELEMENT DE CERTIFICAT DANS UNE INFRASTRUCTURE D'AUTORITE DE CERTIFICATION

(71) **GENERAL INSTRUMENT CORPORATION** [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).

(72) **QIU, Xin**; 10529 Harvest View Way, San Diego, CA 92128 (US).

(74) **SILVERIO, John** et al. / etc.; General Instrument Corporation, 101 Tournament Drive, Horsham, PA 19044 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G06F 1/26, H02J 13/00**

(11) **WO 2004/044718** (13) A1

(21) PCT/US2003/034657

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 10/293,001 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR COMMUNICATING WITH A VOLTAGE REGULATOR

• SYSTEME ET PROCEDURE POUR COMMUNIQUER AVEC UN REGULATEUR DE TENSION

(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) **CHAPUIS, Alain** [CH/US]; 14495 Shadowlane Court, Morgan Hill, CA 95037 (US). **THAKER, Mahesh, N.** [US/US]; 3806 Timber Ridge Road, Moorpark, CA 93021 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG 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 1/28**

(11) **WO 2004/044719** (13) A2

(21) PCT/US2003/030864

(22) **30 Sep/sep 2003 (30.09.2003)**

(25) en (26) en

(30) 10/292,323 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • LOW VOLTAGE DETECTION SYSTEM

• SYSTEME DE DETECTION DE BASSE TENSION

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **ESPINOR, George, L.**; 1902 Dauphine Cove, Austin, TX 78727 (US). **LUCAS,**

William, L.; 8070 Beattiemill Drive, Mechanicsville, VA 23111 (US). **WOOD, Michael, G.**; 1000 Parkcrest Ct., Pflugerville, TX 78660 (US).

(74) **WUAMETT, Jennifer, B.** et al. / etc.; SPS Patent Operation Manager - on behalf of Motorola, Inc., Corporate Law Dept., 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G06F 1/32**

(11) **WO 2004/044720** (13) A2

(21) PCT/GB2003/004820

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 0226395.2 **12 Nov/nov 2002 (12.11.2002)** GB

(30) 0228546.8 **6 Dec/déc 2002 (06.12.2002)** GB

(30) 0305442.6 **10 Mar/mar 2003 (10.03.2003)** GB

(43) 27 May/mai 2004 (27.05.2004)

(54) • PERFORMANCE LEVEL SETTING OF A DATA PROCESSING SYSTEM

• DEFINITION DU NIVEAU DE PERFORMANCES D'UN SYSTEME DE TRAITEMENT DE DONNEES

(71) **ARM LIMITED** [GB/GB]; 110 Fulbourn Road, Cherry Hinton, Cambridge CB1 9NJ (GB). **UNIVERSITY OF MICHIGAN** [US/US]; Ann Arbor, MI 48109 (US).

(72) **FLAUTNER, Krisztian**; 15 Kingston Street, Cambridge CB1 9NJ (GB). **MUDGE, Trevor, Nigel**; 3801 Wynnstone Drive, Ann Arbor, MI 48105-2880 (US).

(74) **ROBINSON, Nigel, Alexander, Julian**; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044721 (13) A2

(21) PCT/EP2003/006378

(22) 17 Jun/juin 2003 (17.06.2003)

(25) de (26) de

(30) 102 52 960.4 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INPUT DEVICE AND SYSTEM FOR
CONTROLLING OBJECTS THAT CAN
BE REPRESENTED ON A DISPLAY

- UNITE D'ENTREE ET SYSTEME DE
COMMANDE D'OBJETS POUVANT
ETRE AFFICHES SUR UN ECRAN
D'AFFICHAGE

(71) FRAUNHOFER-GESELLSCHAFT ZUR
FÖRDERUNG DER ANGEWANDTEN
FORSCHUNG E.V. [DE/DE]; Leonrod-
strasse 54, 80636 München (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SIMON, Andreas [DE/DE]; Am Zipfel-
bach 9, 71336 Waiblingen (DE). FRÖH-
LICH, Bernd [DE/DE]; Ferdinand-Wal-
brechtstrasse 33, 30163 Hannover (DE).(74) GESTHUYSEN, VON ROHR & EG-
GERT; Huyssenallee 100, 45128 Essen
(DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ 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 3/00

(11) WO 2004/044722 (13) A1

(21) PCT/US2003/001512

(22) 17 Jan/jan 2003 (17.01.2003)

(25) en (26) en

(30) 60/424,076 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HOT PLUGGABLE DRIVE DETEC-
TION

- DETECTION DE LECTEUR CONNec-
TABLE A CHAUD

(71) FIRST INTERNET ALLIANCE [US/US];
2210 O'Toole Avenue, San Jose, CA 95131
(US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) SANGVERAPHUNSIRI, Vic [US/US];
7 Calle Del Apice, San Clemente, CA 92672
(US). PINAI, Felix [US/US]; 9073 Winsor
Avenue, Fountain Valley, CA 92708 (US).
CHRISTENSEN, David [US/US]; 22391Canyon Crest Drive, Mission Viejo, CA
92692 (US).(74) FISH, Robert et al. / etc.; Rutan & Tucker
LLP, 611 Anton Blvd., Suite 1400, Costa
Mesa, CA 92626 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ (Utility
model / modèle d'utilité) CZ DE (Utility
model / modèle d'utilité) DE DK (Utility
model / modèle d'utilité) DK DM DZ EC EE
(Utility model / modèle d'utilité) EE ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ OM
PH PL PT RO RU SC SD SE SG SK (Utility
model / modèle d'utilité) SK SL TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 3/00

(11) WO 2004/044723 (13) A2

(21) PCT/US2003/031238

(22) 1 Oct/oct 2003 (01.10.2003)

(25) en (26) en

(30) 10/292,165 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TOUCH SENSOR AND METHOD OF
MAKING

- CAPTEUR TACTILE ET SON PRO-
CEDE DE FABRICATION

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3M Center, P.O. Box 33427,
Saint Paul, MN 55133-3427 (US).(72) GEAGHAN, Bernard, O.; P.O. Box 33427,
Saint Paul, MN 55133-3427 (US). CROSS,
Elisa, M.; P.O. Box 33427, Saint Paul, MN
55133-3427 (US). MOSHREFZADEH,
Robert, S.; P.O. Box 33427, Saint Paul, MN
55133-3427 (US).(74) PECHMAN, Robert, J. et al. / etc.; Office
of Intellectual Property Counsel, P.O. Box
33427, Saint Paul, MN 55133-3427 (US).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE (Utility model /
modèle d'utilité) DE DK (Utility model /
modèle d'utilité) DK DM DZ EC EE (Utility
model / modèle d'utilité) EE EG ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NI NO NZ
OM PG PH PL PT RO RU SC SD SE SG SK
(Utility model / modèle d'utilité) SK SL SY
TJ TM TN TR TT TZ UA UG UZ VC VN
YU ZA ZM ZW.(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CGCI 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 3/023

(11) WO 2004/044724 (13) A1

(21) PCT/SE2003/001743

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0203319-9 11 Nov/nov 2002 SE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • KEYBOARD ARRANGEMENT

- SYSTEME DE CLAVIER

(71) EUMATRIX AB [SE/SE]; Lansenvagen 21,
S-187 62 Taby (SE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HEINONEN, Jari [SE/SE]; Lansen-
vagen 21, S-187 62 Taby (SE).(74) FASTH, Rolf et al. / etc.; Fasth Law Offices,
629 E. Boca Raton Road, Phoenix, AZ 85022
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ G06F 3/03

(11) WO 2004/044725 (13) A1

(21) PCT/JP2003/014322

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-329479 13 Nov/nov 2002 JP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACOUSTIC WAVE TYPE CONTACT
DETECTOR

- DETECTEUR DE CONTACT DE TYPE
ONDE ACOUSTIQUE

(71) TOUCH PANEL SYSTEMS K.K. [JP/JP];
Sun Hamada Bldg. 2F, 1-19-20, Shin-Yoko-
hama, Kohoku-ku, Yokohama-shi, Kanagawa
222-0033 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) TANAKA, Yoshikazu [JP/JP]; c/o Touch
Panel Systems K.K., Sun Hamada Bldg. 2F,
1-19-20, Shin-Yokohama, Kohoku-ku, Yoko-
hama-shi, Kanagawa 222-0033 (JP).(74) YANAGIDA, Masashi et al. / etc.; Yanagida
& Associates, 7F, Shin-Yokohama KS Bldg.,

- 3-18-3, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 3/03, G01B 17/00
- (11) WO 2004/044726 (13) A1
- (21) PCT/JP2003/014323
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) ja (26) ja
- (30) 2002-329478 13 Nov/nov 2002 JP (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ACOUSTIC WAVE TYPE CONTACT DETECTOR
- DETECTEUR DE CONTACT DE TYPE ONDE ACOUSTIQUE
- (71) TOUCH PANEL SYSTEMS K.K. [JP/JP]; Sun Hamada Bldg. 2F, 1-19-20, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANAKA, Yoshikazu [JP/JP]; c/o Touch Panel Systems K.K., Sun Hamada Bldg. 2F, 1-19-20, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (74) YANAGIDA, Masashi et al. / etc.; Yanagida & Associates, 7F, Shin-Yokohama KS Bldg., 3-18-3, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 G06F 3/033, H04M 1/247
- (11) WO 2004/044727 (13) A1
- (21) PCT/EP2002/012739
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DEVICE WITH A GRAPHICAL USER INTERFACE

- DISPOSITIF POURVU D'UNE INTERFACE UTILISATEUR GRAPHIQUE
- (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) KILJANDER, Harri [FI/FI]; Tuohivirsu 4 B 8, FIN-02130 Espoo (FI).
- (74) READ, Matthew et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 3/033
- (11) WO 2004/044728 (13) A2
- (21) PCT/JP2003/014286
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 2002-328853 12 Nov/nov 2002 JP (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR PROCESSING FILES UTILIZING A CONCEPT OF WEIGHT SO AS TO VISUALLY REPRESENT THE FILES IN TERMS OF WHETHER THE WEIGHT THEREOF IS HEAVY OR LIGHT
- METHODE ET APPAREIL DE TRAITEMENT DE FICHIERS UTILISANT UN CONCEPT A BASE DE POIDS POUR LES REPRESENTER VISUELLEMENT SELON LEUR POIDS
- (71) SONY COMPUTER ENTERTAINMENT INC. [JP/JP]; 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP).
- (72) WADA, Shinya; c/o SONY COMPUTER ENTERTAINMENT INC., 2-6-21, Minami-Aoyama, Minato-ku, Tokyo 107-0062 (JP).
- (74) MORISHITA, Sakaki; 2-11-12, Ebisu-Nishi, Shibuya-ku, Tokyo 150-0021 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU 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 UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 3/033
- (11) WO 2004/044729 (13) A1
- (21) PCT/KR2002/002475
- (22) 30 Dec/déc 2002 (30.12.2002)
- (25) ko (26) en
- (30) 10-2002-0069871 12 Nov/nov 2002 KR (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • APPARATUS FOR NATURAL HAND WRITING INPUT DEVICE USING ADAPTIVE SIGNAL ALGORITHM
- SYSTEME POUR DISPOSITIF DE SAISIE DE DONNEES ECRITES A LA MAIN FAISANT APPEL A UN ALGORITHME ADAPTATIF POUR LE SIGNAL
- (71) NAVISIS.COM CO., LTD. [KR/KR]; 1429-65, Sillim-dong, Gwanak-gu, Seoul 151-010 (KR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KO, Doyoung [KR/KR]; MR. DOYOUNG KO, #203 VENTURE BLDG. 100-9 SANGBONG-DONG, JUNGANG-GU, 131-857 SEOUL (KR).
- (74) GHILL, Yong-Jun et al. / etc.; 2nd Fl., JEH MOON Bldg., 944-26 Daechi 3-Dong, Gangnam-gu, Seoul 135-846 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 3/16, H04M 1/60
- (11) WO 2004/044730 (13) A1
- (21) PCT/EP2003/012661
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) de (26) de
- (30) 102 52 456.4 12 Nov/nov 2002 DE (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MULTIMEDIA/COMMUNICATION SYSTEM COMPRISING SATELLITE STATIONS
- SYSTEME MULTIMEDIA/DE COMMUNICATION COMPRENANT DES STATIONS SATELLITES
- (71) HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH [DE/DE]; Becker-Goering-Strasse 16, 78126 Karlsbad (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAULIK, Tim [DE/DE]; In den Schlosswiesen 14, 98143 Blaubeuren (DE).
- LINHARD, Klaus [DE/DE]; Gundershofen 86, 89601 Schelklingen (DE).

(74) **KUHL, Dietmar**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstrasse 58, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 7/00

(11) WO 2004/044731 (13) A2

(21) PCT/EP2003/050754

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 02102559.8 12 Nov/nov 2002 EP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE AND METHOD FOR PERFORMING SHIFT/ROTATE OPERATIONS

• DISPOSITIF ET PROCÉDE PERMETTANT D'EFFECTUER DES OPERATIONS DE DECALAGE/ROTATION

(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) **BÜTTNER, Stefan** [DE/DE]; Sommerhofenstrasse 166, 71067 Sindelfingen (DE). **LEENSTRA, Jens** [DE/DE]; Brühlstrasse 12, 71149 Bondorf (DE). **MAEDING, Nicolas** [DE/DE]; Römersteinweg 8, 71088 Holzgerlingen (DE). **PILLE, Jürgen** [DE/DE]; Adlerstrasse 56, 70199 Stuttgart (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 9/00, 3/00

(11) WO 2004/044732 (13) A1

(21) PCT/US2002/040198

(22) 16 Dec/déc 2002 (16.12.2002)

(25) en (26) en

(30) 60/425,867 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRICAL DEVICES WITH IMPROVED COMMUNICATION

• DISPOSITIFS ELECTRIQUES A COMMUNICATION AMELIOREE

(71) **ZETERA CORPORATION** [US/US]; University Research Park, 5251 California Avenue, Suite 160, Irvine, CA 92612 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANK, Charles** [US/US]; Zetera Corporation, 4800 Camino Costado, San Clemente, CA 92673 (US). **LUDWIG, Thomas** [US/US]; Zetera Corporation, 4800 Camino Costado, San Clemente, CA 92673 (US). **HANAN, Thomas** [US/US]; Zetera Corporation, 27022 Manscal, Mission Viejo, CA 92691 (US). **BABBITT, William** [US/US]; Zetera Corporation, 22350 Gavilan Road, Perris, CA 92570 (US).

(74) **FISH, Robert et al.** / etc.; Rutan & Tucker LLP, 611 Anton Blvd., Suite 1400, Costa Mesa, CA 92626 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 9/38

(11) WO 2004/044733 (13) A2

(21) PCT/GB2003/004867

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 0226249.1 11 Nov/nov 2002 GB (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STATE ENGINE FOR DATA PROCESSOR

• MOTEUR D'ETAT POUR PROCESSEUR DE DONNEES

(71) **CLEARSPPEED TECHNOLOGY LIMITED** [GB/GB]; 3110 Great Western Court, Hunts Ground Road, Stoke Gifford, Bristol BS34 8HP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPENCER, Anthony** [GB/GB]; 34 Amberley Way, Wickwar, Wotton-under-Edge, South Gloucestershire, GL12 8LP (GB).

(74) **O'CONNELL, David, Christopher**; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ 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 SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044734 (13) A2

(21) PCT/EP2003/012597

(22) 11 Nov/nov 2003 (11.11.2003)

(25) en (26) en

(30) 60/426,246 13 Nov/nov 2002 US (13.11.2002)

(30) 10/328,855 24 Dec/déc 2002 US (24.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AGENT ENGINE

• MOTEUR DE PRODUCTION D'AGENTS

(71) **SAP AKTIENGESSELLSCHAFT** [DE/DE]; Neurtstrasse 16, 69190 Wall-dorf (DE).

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(72, 75) **ROEDIGER, Karl, Christian** [IL/IL]; 21 Rimalt Street, Appartment 10, 43730 Ra'anana (IL).

(74) **SCHNEIDER, Günther, M.**; Bettinger Schneider Schramm, Postfach 86 02 67, 81629 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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/044735 (13) A2

(21) PCT/EP2003/012714

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/426,097 14 Nov/nov 2002 US
(14.11.2002)

(30) 60/479,017 16 Jun/juin 2003 US
(16.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MODELING SYSTEM FOR GRAPHIC
USER INTERFACE

- SYSTEME DE MODELISATION D'INTERFACES GRAPHIQUES UTILISATEURS

(71) SAP AG [DE/DE]; Neurottstr. 16, 69190
Walldorf (DE).

(72) GILBOA, Yuval; Pardesiya (IL).

(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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F 9/40

(11) WO 2004/044736 (13) A2

(21) PCT/US2003/015444

(22) 16 May/mai 2003 (16.05.2003)

(25) en (26) en

(30) 10/294,285 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR SHARING
REUSABLE CODE BASE

- SYSTEME ET PROCEDURE DE PARTAGE DE BASE DE CODES REUTILISABLES

(71) ACCELENT SYSTEMS, INC. [US/US];
3480 W. Market Street, Suite 105, Akron, OH
44313 (US).

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les États désignés sauf US)

(72, 75) GENSEL, Thomas [US/US]; 1884
Brookshire Road, Akron, OH 44313 (US).

(74) MOORHEAD, Sean, T.; Calfee, Halter &
Griswold LLP, 1400 McDonald Investment
Center, 800 Superior Avenue, Cleveland, OH
44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(u) for / pour US only / seulement

(51)⁷ G06F 9/40

(11) WO 2004/044737 (13) A2

(21) PCT/US2003/034956

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/423,567 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTEGRATED INFORMATION PRESENTATION
SYSTEM WITH ENVIRONMENTAL CONTROLS

- SYSTEME INTEGRE DE PRESENTATION D'INFORMATIONS A COMMANDES DE MILIEU

(71) SPEAKEASY, LLC [US/US]; 1208 Ednor
Road, Silver Spring, MD 20905 (US).

(72) EARLE, H., Andrews; 2531 Falcon Way,
Midlothian, TX 76065 (US). LAMB, Edward, F.;
1534 Chelsea Avenue, Bethlehem, PA 18018 (US).
LAMB, Francis, B.; 5 Mountaintop Drive, Easton,
PA 18042 (US). HURLEY, Gerald, C.; 1208 Ednor
Road, Silver Spring, MD 20905 (US).

(74) VICK, Jason, H.; Miles & Stockbridge,
1751 Pinnacle Drive, Suite 500, McLean, VA
22102 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/044738 (13) A2

(21) PCT/US2003/035494

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,543 6 Nov/nov 2002 US
(06.11.2002)

(30) 10/364,610 10 Feb/fév 2003 US
(10.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TECHNIQUES FOR SUPPORTING APPLICATION-SPECIFIC ACCESS CONTROLS WITH A SEPARATE SERVER

- TECHNIQUES DE PRISE EN CHARGE DE COMMANDES D'ACCES SPECIFIQUES D'UNE APPLICATION PAR UN SERVEUR DISTINCT

(71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway,
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(72) IDICULA, Sam; 1200 E. Hillsdale Boulevard,
Apt. 107, Foster City, CA 94404 (US). AGARWAL,
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95954 (US). MURTHY, Ravi; 33227 Jamie Circle,
Fremont, CA 94555 (US).

(74) HICKMAN, Brian et al. / etc.; HICKMAN
PALERMO TRUONG & BECKER LLP, 1600 Willow
Street, San Jose, CA 95125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G06F 9/44, 17/30

(11) WO 2004/044739 (13) A1

(21) PCT/DE2003/003218

(22) 26 Sep/sep 2003 (26.09.2003)

(25) de (26) de

(30) 102 53 174-9 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR PRODUCING AND/OR
CONFIGURING AN AUTOMATION SYSTEM

- DISPOSITIF POUR ELABORER ET/OU CONFIGURER UN SYSTEME D'AUTOMATISATION

(71) SIEMENS AKTIENGESellschaft [DE/DE];
Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BIEBER, Jürgen [DE/DE]; Neisseweg
3, 76275 Ettlingen (DE).

(74) SIEMENS AKTIENGESellschaft; Postfach
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(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).

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(51)⁷ G06F 9/44

(11) WO 2004/044740 (13) A2

(21) PCT/GB2003/004431

(22) 13 Oct/oct 2003 (13.10.2003)

(25) en (26) en

(30) 10/294,801 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TOOL-TIP FOR MULTIMEDIA FILES
• INFOBULLE POUR FICHIERS MULTIMEDIA

(71) INTERNATIONAL BUSINESS MACHINES CORPORATION [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) IBM UNITED KINGDOM LIMITED [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MG)

(72) HAYNES, Thomas; 1005 Smokewood Drive, Apex, NC 27502 (US). LAM, Hung; 5825 Clarks Fork Drive, Raleigh, NC 27616 (US).

(74) LITHERLAND, David, Peter; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06F 9/44, 17/28

(11) WO 2004/044741 (13) A2

(21) PCT/US2003/030627

(22) 27 Sep/sep 2003 (27.09.2003)

(25) en (26) en

(30) 60/414,623 30 Sep/sep 2002 US
(30.09.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POINTER INITIATED INSTANT BILINGUAL ANNOTATION ON TEXTUAL INFORMATION IN AN ELECTRONIC DOCUMENT
• ANNOTATION BILINGUE INSTANTANEE PROVOQUEE PAR LE POINTEUR SUR DES INFORMATIONS TEXTUELLES DANS UN DOCUMENT ELECTRONIQUE

(71, 72) CHAN, Ning-Ping [US/US]; 863 Bates Ave., El Cerrito, CA 94530 (US).

(74) LEON, Jew, E.; 586 Lewis Ave., San Leandro, CA 94577 (US).

(81) CA CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(r) for the following designations / pour les désignations suivantes : CA CN JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(u) for / pour US only / seulement

(51)⁷ G06F 9/46

(11) WO 2004/044742 (13) A2

(21) PCT/US2003/034372

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/293,908 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR SERIALIZED MUTUAL EXCLUSION
• PROCEDE ET APPAREIL D'EXCLUSION MUTUELLE NUMEROTEE

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) NARAD, Charles; 5872 Arboretum Drive, Los Altos, CA 94024 (US). HUSTON, Lawrence; 1477 Cherry Garden Lane, San Jose, CA 95125 (US).

(74) HARRIS, Scott, C. et al. / etc.; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06F 9/46

(11) WO 2004/044743 (13) A2

(21) PCT/US2003/035241

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/289,473 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR DISTRIBUTING INFORMATION TO SERVICES VIA A NODE HIERARCHY
• PROCEDE ET SYSTEME DE DISTRIBUTION D'INFORMATIONS A DES SERVICES PAR LE BIAIS D'UNE HIERARCHIE DE NOEUDS

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 11-XT, Seattle, WA 98124-2207 (US).

(72) STATMAN, Stuart; 1126 Hiawatha Place South, Seattle, WA 98144-2812 (US).

(74) GALBRAITH, Ann, K.; The Boeing Company, M/S 11-XT, P.O. Box 3707, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG 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 PT RO 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 2004/044744 (13) A2

(21) PCT/US2003/035290

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/291,895 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND APPARATUS FOR MULTIPLE CLUSTER LOCKING
• PROCEDES ET APPAREIL PERMETTANT DE VERROUILLER PLUSIEURS GRAPPES

(71) NEWISYS, INC. [US/US]; 10814 Jollyville Road, Bldg. 4, Suite 300, Austin, TX 78759-5635 (US).

(72) GLASCO, David, B.; 10337 Ember Glen Drive, Austin, TX 78726 (US).

(74) SAMPSON, Roger, S.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06F 9/48, 9/38

(11) WO 2004/044745 (13) A1

(21) PCT/JP2002/011818

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • SCHEDULING METHOD IN MULTITHREADING PROCESSOR AND MULTITHREADING PROCESSOR

• PROCEDE DE PLANIFICATION DANS UN PROCESSEUR DE TRAITEMENT MULTIFILIERE ET PROCESSEUR DE TRAITEMENT MULTIFILIERE

(71) FUJITSU LIMITED [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
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(72, 75) OKAWARA, Hideki [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 11/00

(11) WO 2004/044746 (13) A1

(21) PCT/US2003/035014

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,356 5 Nov/nov 2002 US (05.11.2002)

(30) 60/459,927 31 Mar/mar 2003 US (31.03.2003)

(30) 10/460,778 11 Jun/juin 2003 US (11.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STORED MEMORY RECOVERY SYSTEM

• SYSTEME DE RECUPERATION DE MEMOIRE

(71) INASOFT, INC. [US/US]; 2701 Loker Avenue West, Suite 290, Carlsbad, CA 92008 (US).

(72) SHEN, Andrew, W.; 17490 Meandering Road, #1709, Dallas, TX 75252 (US). SUN, Hanxiang; 1500 Shadowridge Drive, #100, Vista, CA 92083 (US). JIAN, Zhang; H-403, 67 Muxuyuan Street, Nanjing 210016 (CN). VOHARIWATT, Janet; 12690 Lone Cypress Place, San Diego, CA 92082 (US). MURRAY, Timothy, John; 12420 Sierra Rojo, Valley Center, CA 92082 (US).

(74) HART, Daniel; Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, 14th Floor, Irvine, CA 92614 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 11/22

(11) WO 2004/044747 (13) A1

(21) PCT/IB2003/004591

(22) 13 Oct/oct 2003 (13.10.2003)

(25) en (26) en

(30) 10/293,428 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUTOMATED MEDICAL IMAGING SYSTEM REPAIR DIAGNOSTICS

• REPARATION AUTOMATISEE DE SYSTEME D'IMAGERIE MEDICAL DE DIAGNOSTIC

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) HENDRICKSON, David [US/US]; 22100 Bothell Everett Highway, Bothell, WA 98021 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o YORKS JR. W., Brinton, 22100 Bothell Everett Highway, Bothell, OH 98021 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 11/273

(11) WO 2004/044748 (13) A2

(21) PCT/US2003/036050

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,190 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM FOR ENABLING SECURE REMOTE SWITCHING, ROBOTIC OPERATION AND MONITORING OF MULTI-VENDOR EQUIPMENT

• SYSTEME PERMETTANT UNE COMMUTATION, UNE EXPLOITATION ROBOTISEE ET UNE SURVEILLANCE D'EQUIPEMENTS MULTICONSTRUCTEURS A DISTANCE ET DE MANIERE SURE

(71) EDENTREE TECHNOLOGIES, INC. [US/US]; 1040 Flynn Road, Suite 201, Camarillo, CA 93012 (US).

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(72, 75) HORNBECK, Marc, William, Anthony [CA/US]; 1040 Flynn Road, Suite 201, Camarillo, CA 93012 (US). SNYDER, Wayne [CA/US]; 306 Gold Vine Court, Simi Valley, CA 93065 (US). MUZAFFAR, Athar [PK/US]; 3054 Blazing Star Drive, Thousand Oaks, CA 91362 (US). REITZ, Larry [US/US]; 13990 Keisha Drive, Moorpark, CA 93021 (US). PRICE, Cleophus, Jr. [US/US]; 2506 Grapevine Drive, Oxnard, CA 93030 (US). SKANES, Donald [CA/US]; 2185 Trinway Avenue, Simi Valley, CA 93065 (US). LUPO, Paul [US/US]; 774 American Oaks Avenue, Newbury Park, CA 91320 (US). HOMKES, Robert [US/US]; 2466 Deerfield Court, Camarillo, CA 93012 (US).

(74) KIRCHANSKI, Stefan, J.; Reed Smith Crosby Heafey, 1901 Avenue of the Stars, Suite 700, Los Angeles, CA 90067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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, 15/00, G21C 17/00

(11) WO 2004/044749 (13) A1

(21) PCT/US2003/035336

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/293,734 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD AND APPARATUS FOR DECOMPOSING AND VERIFYING CONFIGURABLE HARDWARE

• PROCEDE ET APPAREIL POUR DECOMPOSER ET VERIFIER DU MATERIEL INFORMATIQUE CONFIGURABLE

(71) SONICS, INC. [US/US]; 2440 West El Camino Real, Suite 620, Mountain View, CA 94040 (US).

(72) EBERT, Jeffrey, Allen; 415 St. Joseph Avenue, Half Moon Bay, CA 94019 (US). VENUGOPALAN, Ravi; 3455 Homestead Road #66, Santa Clara, CA 95051 (US). EVANS, Scott, Carlton; 252 Hayes Avenue, Santa Clara, CA 95051 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG

MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F 11/30

(11) WO 2004/044750 (13) A2

(21) PCT/US2003/035673

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/290,961 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SERVER RESOURCE MANAGEMENT,
ANALYSIS, AND INTRUSION NEGA-
TION

- GESTION ET ANALYSE DE RES-
SOURCES D'UN SERVEUR ET
ANTI-INTRUSION

(71) FEDERAL NETWORK SYSTEMS LLC
[US]; 1300 N. 17th Street, Arlington, VA
22209 (US).

(72) SAMPLE, Char; 2370 Sand Hill Road, Elli-
cott City, MD 21042 (US).

(74) SUCHYTA, Leonard, C. et al. / etc.; c/o
Christian R. Andersen, Verizon Corporate
Services Group Inc., 600 Hidden Ridge
Drive, Mailcode HQE03H14, Irving, Tx
75038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F 12/00

(11) WO 2004/044751 (13) A1

(21) PCT/CN2003/000963

(22) 13 Nov/nov 2003 (13.11.2003)

(25) zh (26) zh

(30) 02151984.6 13 Nov/nov 2002 CN
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • A METHOD FOR REALIZING SECUR-
ITY STORAGE AND ALGORITHM
STORAGE BY MEANS OF SEMICON-
DUCTOR MEMORY DEVICE

- PROCEDE DE REALISATION D'UN
STOCKAGE SECURISE ET STO-
CKAGE D'ALGORITHME AU MOYEN

D'UN DISPOSITIF DE MEMOIRE A
SEMI-CONDUCTEUR

(71) NETAC TECHNOLOGY CO., LTD.
[CN/CN]; 6F, Incubator Building, China
Academy of Science & Tech Development,
No.1 High-tech South St, Nanshan District,
Shenzhen, Guangdong 518057 (CN).

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les États désignés sauf US)

(72, 75) DENG, Guoshun [CN/CN]; 6F, Incu-
bator Building, China Academy of Science
& Tech Development, No.1 High-tech South
St, Nanshan District, Shenzhen, Guangdong
518057 (CN). CHENG, Xiaohua [CN/CN];
6F, Incubator Building, China Academy
of Science & Tech Development, No.1
High-tech South St, Nanshan District, Shen-
zhen, Guangdong 518057 (CN). XIANG,
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ment, No.1 High-tech South St., Shenzhen,
Guangdong 518057 (CN).

(74) JEEKAI & PARTNERS; Suite 602, Jinyu
Tower, A129 West Xuan Wu Men Street, Bei-
jing 100031 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/044752 (13) A2

(21) PCT/US2003/034439

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/290,888 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MEMORY CONTROLLERS WITH IN-
TERLEAVED MIRRORING MEMORY
MODES

- CONTROLEURS DE MEMOIRES AVEC
MODES MEMOIRES A SYMETRIE
SPECTACULAIRE ENTRELACES

(71) INTEL CORPORATION [US/US]; 2200
Mission College Boulevard, Santa Clara, CA
95052 (US).

(72) DAHLEN, Eric; 24585, SW Grandvista
Drive, Sherwood, OR 97140 (US). MOR-
ROW, Warren; 902 Rowell Street, Steila-
coom, WA 98388 (US). VOGT, Peter; 5395
Centennial Trail, Boulder, CO 80303 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely
Sokoloff Taylor & Zafman, 7th Floor, 12400
Wilshire Boulevard, Los Angeles, CA 90025
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 G06F 12/06

(11) WO 2004/044753 (13) A1

(21) PCT/US2002/040199

(22) 16 Dec/déc 2002 (16.12.2002)

(25) en (26) en

(30) 60/425,867 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DATA STORAGE DEVICES HAVING IP
CAPABLE PARTITIONS

- DISPOSITIFS DE STOCKAGE DE
DONNEES COMPRENANT DES PAR-
TITIONS COMPATIBLES IP

(71) ZETERA CORPORATION [US/US]; Uni-
versity Research Park, Suite 160, 5251 Cali-
fornia Avenue, Irvine, CA 92612 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FRANK, Charles [US/US]; Zetera
Corporation, 4800 Camino Costado, San
Clemente, CA 92673 (US). LUDWIG,
Thomas [US/US]; Zetera Corporation,
4800 Camino Costado, San Clemente, CA
92673 (US). HANAN, Thomas [US/US];
Zetera Corporation, 27022 Manscal, Mission
Viejo, CA 92691 (US). BABBITT, William
[US/US]; Zetera Corporation, 22350 Gavilan
Road, Perris, CA 92570 (US).

(74) RUTAN & TUCKER LLP et al. / etc.;
Suite 1400, 611 Anton Blvd., Costa Mesa, CA
92626 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ (Utility
model / modèle d'utilité) CZ DE (Utility
model / modèle d'utilité) DE DK (Utility
model / modèle d'utilité) DK DM DZ EC EE
(Utility model / modèle d'utilité) EE ES FI
(Utility model / modèle d'utilité) FI GB GD
GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA
MD MG MK MN MW MX MZ NO NZ OM
PH PL PT RO RU SC SD SE SG SK (Utility
model / modèle d'utilité) SK SL TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SI SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ G06F 12/08

(11) WO 2004/044754 (13) A2

(21) PCT/US2003/034162

(22) 27 Oct/oct 2003 (27.10.2003)

- (25) en (26) en
- (30) 10/290,889 **8 Nov/nov 2002** US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • INTERLEAVED MIRRORED MEMORY SYSTEMS
• SYSTEMES DE MEMOIRE ENTRE-LACES A MIROIR
- (71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
- (72) DAHLEN, Eric; 24585, SW Grandvista Drive, Sherwood, OR 97140 (US). MORROW, Warren; 902 Rowell Street, Steilacoom, WA 98388 (US). VOGT, Peter; 5395 Centennial Trail, Boulder, CO 80303 (US).
- (74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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- (51)⁷ G06F 12/14
- (11) WO 2004/044755 (13) A2
- (21) PCT/US2003/035325
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) en (26) en
- (30) 10/293,985 **13 Nov/nov 2002** US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • UNIVERSAL NON-VOLATILE MEMORY CARD USED WITH VARIOUS DIFFERENT STANDARD CARDS CONTAINING A MEMORY CONTROLLER
• CARTE UNIVERSELLE A MEMOIRE NON VOLATILE UTILISEE AVEC DE NOMBREUSES CARTES CLASSIQUES DIFFERENTES CONTENANT UN CONTROLEUR DE MEMOIRE
- (71) SANDISK CORPORATION [US/US]; 140 Caspian Court, Sunnyvale, CA 94089 (US).
- (72) HARARI, Eliyahou; 104 Auzerai Court, Los Gatos, CA 95030 (US). ERICSSON, Bo, Eric; 16929 Kennedy Road, Los Gatos, CA 95032 (US). WALLACE, Robert, F.; 980 Redwood Avenue, Sunnyvale, CA 94086 (US).
- (74) PARSONS, Gerald, P.; Parsons Hsue & De Runtz LLP, 655 Montgomery Street, Suite 1800, San Francisco, CA 94111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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.

- LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 13/00, H04B 7/26, H04L 9/32
- (11) WO 2004/044756 (13) A1
- (21) PCT/AU2003/001489
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 2002952667 **14 Nov/nov 2002** AU
(14.11.2002)
- (30) 2003900363 **29 Jan/jan 2003** AU
(29.01.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND METHOD RELATING TO REMOTELY ACCESSIBLE SECURELY STORED DATA FILES
• SYSTEME ET PROCEDE CONCERNANT DES FICHIERS DE DONNEES STOCKES DE MANIERE SURE ET ACCESSIBLES A DISTANCE
- (71) ORIGINAL SPIN (INTERNATIONAL) PTY LTD [AU/AU]; Level 10, 2 Bligh Street, Sydney, New South Wales 2000 (AU). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) LEHRER, Danielle [AU/AU]; Unit 14, 13 Gladwood Gardens, Double Bay, New South Wales 2028 (AU).
- (74) CARTER, Chris, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 13/00
- (11) WO 2004/044757 (13) A2
- (21) PCT/US2003/034992
- (22) 3 Nov/nov 2003 (03.11.2003)
- (25) en (26) en
- (30) 10/288,629 **5 Nov/nov 2002** US
(05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR DATA ACQUISITION

- PROCEDE ET APPAREIL D'ACQUISITION DE DONNEES
- (71) RAMBUS, Inc. [US/US]; 4440 El Camino Real, Los Altos, CA 94022 (US).
- (72) BEST, Scott; 4283 Ponce Drive, Palo Alto, CA 94306 (US).
- (74) SAMPSON, Matthew, J.; McDonnell Bochen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06F 13/38
- (11) WO 2004/044758 (13) A1
- (21) PCT/SG2002/000267
- (22) 13 Nov/nov 2002 (13.11.2002)
- (25) en (26) en
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ELECTRONIC CONTENT STORAGE SYSTEM
• SYSTEME DE STOCKAGE DE CONTENU ELECTRONIQUE
- (71, 72) SIM, Hiang, Teck, John [SG/SG]; 269 Bukit Timah Road, #04-07, Casa Rosita Singapore 259707, Singapore 259707 (SG).
- (74) SIM, Yuan, Meng, Andrew; Shook Lin & Bok, 1 Robinson Road, #18-00, AIA Tower, Singapore 048542 (SG).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 15/16, 13/38
- (11) WO 2004/044759 (13) A1
- (21) PCT/BG2003/000002
- (22) 13 Jan/jan 2003 (13.01.2003)
- (25) ru (26) ru
- (30) 107270 **13 Nov/nov 2002** BG
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • E-MAIL SYSTEM PROTECTED AGAINST UNWELCOME LETTERS

- SYSTEME DE MESSAGERIE ELECTRONIQUE PROTEGEE CONTRE LA PUBLICITE NON SOLLICITEE

(71, 72) **DOBREV, Dimiter** [BG/BG]; kv. Iztok, Nezabravka 7, 10-37, bg-1113 Sofia (BG).

(74) **SAVOVA, Ekaterina**; Agency BULIN-VENT, Rakovsky 169, 2-6, 1000 Sofia (BG).

(81) AE AG AL AM AT AU AZ BA BB BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (SI); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(r) for all designations / pour toutes les désignations

(51) **G06F 15/16**

(11) **WO 2004/044760** (13) A2

(21) PCT/IL2003/000961

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 152862 **14 Nov/nov 2002 IL (14.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR STORING AND RETRIEVING PERSONAL INFORMATION

- PROCEDE ET SYSTEME DE STOCKAGE ET DE RECUPERATION D'INFORMATIONS PERSONNELLES

(71, 72) **RUBINSTEIN, Sarah** [IL/IL]; 24 Nehemiah Street, 51600 B'nai Brak (IL).

(74) **LUZZATTO, Kfir** et al. / etc.; Luzzatto & Luzzatto, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044761** (13) A1

(21) PCT/KR2003/002255

(22) **24 Oct/oct 2003 (24.10.2003)**

(25) en (26) en

(30) 10-2002-0070447 **13 Nov/nov 2002 KR (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR REPRODUCING CONTENTS INFORMATION IN INTERACTIVE OPTICAL DISC DEVICE AND METHOD FOR PROVIDING CONTENTS INFORMATION IN CONTENTS PROVIDER SERVER

- PROCEDE DE REPRODUCTION D'INFORMATIONS DE CONTENU DANS UN DISPOSITIF DE DISQUE OPTIQUE INTERACTIF ET PROCEDE DE FOURNITURE D'INFORMATIONS DE CONTENUS DANS UN SERVEUR FOURNISSEUR DE CONTENUS

(71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).

(72) **KIM, Tae Ho**; 102, 121 Bunji, Hyochang-dong, Yongsan-gu, Seoul 140-120 (KR). **UM, Soung Hyun**; 18-701, Samho Apt., Bisan-dong, Dongan-gu, Anyang, Kyunggi-do 431-050 (KR). **YOO, Jea Yong**; C-306, Maebong Samsung APT., Dogok-dong, Kangnam-gu, Seoul 135-270 (KR). **YOON, Woo Seong**; 102-701, Geukdong Apt., Teogyewon-myun, Namyangjoo-si, Kyonggi-do 472-744 (KR).

(74) **PARK, Lae Bong**; 1Fl., Dongun Bldg., 413-4 Dogok 2-dong, Kangnam-gu, Seoul 135-272 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 15/16**

(11) **WO 2004/044762** (13) A2

(21) PCT/US2003/034833

(22) **30 Oct/oct 2003 (30.10.2003)**

(25) en (26) en

(30) 10/289,492 **5 Nov/nov 2002 US (05.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • TRANSACTION PROCESSING USING MULTIPLE PROTOCOL ENGINES IN SYSTEMS HAVING MULTIPLE MUTI-PROCESSOR CLUSTERS

- TRAITEMENT DE TRANSACTIONS UTILISANT PLUSIEURS MOTEURS DE PROTOCOLES DANS DES SYSTEMES A PLUSIEURS GRAPPES DE PROCESSEURS

(71) **NEWISYS, INC.** [US/US]; 10814 Jollyville Road, Building 4, Suite 300, Austin, TX 78738 (US).

(72) **WATSON, Charles, E., Jr**; 3204 Peddle Path, Austin, TX 78759 (US). **KOTA, Rajesh**; 12320 Alameda Trace Circle # 1107, Austin, TX 78727 (US). **GLASCO, David**,

B.; 10337 Ember Glen Drive, Austin, TX 78726 (US).

(74) **VILLENEUVE, Joseph, M.**; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 15/16, 15/177, H04N 7/173**

(11) **WO 2004/044763** (13) A1

(21) PCT/US2003/035038

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,507 **12 Nov/nov 2002 US (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTELLIGENT CONFIGURATION BRIDGE SYSTEM AND METHOD FOR ADDING SUPPLEMENTAL CAPABILITIES TO AN EXISTING HIGH SPEED DATA INFRASTRUCTURE

- SYSTEME DE PONTAGE ET DE CONFIGURATION INTELLIGENT ET PROCEDE PERMETTANT D'AJOUTER DES CAPACITES SUPPLEMENTAIRES A UNE INFRASTRUCTURE EXISTANTE DE DONNEES A HAUTE VITESSE

(71) **NEXT GENERATION BROADBAND** [US/US]; 1025 Thomas Jefferson Street, Washington, DC 20007 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARRISON, Bruce, S.** [US/US]; 11310 Robert Carter Road, Fairfax Station, VA 22039 (US). **HE, Xiaohui** [CN/US]; 10821 Crippen Vale Court, Reston, VA 20194 (US). **HANNES, Martin, R.** [AU/US]; 4520 Foxhall Crescent, Washington, DC 20007 (US).

(74) **SCALA, Keith, B.** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G06F 15/76

(11) WO 2004/044764 (13) A2

(21) PCT/IB2003/004838

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 102 52 165.4 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTEGRATED CIRCUIT
• CIRCUIT INTEGRE

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf DE US)

(72, 75) MUTH, Matthias [DE/DE]; c/o Philips
Intellectual Property & Standards GmbH,
Weisshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Prop-
erty & Standards GmbH, Weisshausstr. 2,
52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F 17/00

(11) WO 2004/044765 (13) A2

(21) PCT/EP2003/012680

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/293,469 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SECURITY CHECKPOINT SIMULA-
TION

• SIMULATION CONCERNANT DES
POINTS DE CONTROLE DE SECURITE

(71) ACCENTURE GLOBAL SERVICES
GMBH [CH/CH]; Geschäftshaus Herre-
nacker 15, CH-8200 Schaffhausen (CH).

(72) PENDERGRAFT, Davis, Ross; 6457 Colo-
nial Village Loop, Manassas, VA 20112 (US).
SHRADER-BRAWLEY, Ann, Raechel;
12019 Wortham Landing Drive, Houston, TX
77065 (US). ROBERTSON, Craig, V.; 620
Josephine Street, Denver, CO 80206 (US).

(74) SINISCALCO, Fabio et al. / etc.; Jacobassi
& Partners S.p.A., Via Senato, 8, I-20121 Mi-
lano (IT).

(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 UZ VC
VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/044766 (13) A2

(21) PCT/IB2003/050018

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 02079801.3 14 Nov/nov 2002 EP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR PARALLEL DATA PRO-
CESSING AS WELL AS A CAMERA
SYSTEM COMPRISING SUCH A DE-
VICE

• DISPOSITIF DE TRAITEMENT PA-
RALLELE DES DONNEES ET SYS-
TEME DE CAMERA DANS LEQUEL IL
EST INTEGRE

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) SEVAT, Leonardus, H., M. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). KLEIHORST, Richard, P.
[NL/NL]; c/o Prof. Holstlaan 6, NL-5656
AA Eindhoven (NL). NIEUWLAND, An-
dre, K. [NL/NL]; c/o Prof. Holstlaan 6,
NL-5656 AA Eindhoven (NL).

(74) DUIJVESTIJN, Adrianus, J.; Philips Intel-
lectual Property & Standards, P.O. Box 220,
NL-5600 AE 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC 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 G06F 17/00

(11) WO 2004/044767 (13) A1

(21) PCT/US2003/029897

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(30) 10/292,721 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR PRO-
VIDING A COMBINED METERING
AND DISPATCHING SERVICE WITH
ADVERTISING

• PROCEDE ET SYSTEME PERMET-
TANT D'OBTENIR UN SERVICE DE
COMPTAGE ET DE REPARTITION
COMBINE, AVEC DE LA PUBLICITE

(71) TRANSPORTOPIA, INC. [US/US]; 1759
Arlington Avenue, Pittsburgh, PA 15210
(US).

(72) HIMEBAUGH, David, N.; 1759 Arlington
Avenue, Pittsburgh, PA 15210 (US).

(74) BECK, Paul, A. et al. / etc.; Paul A. Beck &
Associates, P.C., 1575 McFarland Road, Suite
100, Pittsburgh, PA 15216-1808 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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)

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (GH GM KE LS
MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ
BY KG KZ MD RU TJ TM) EP (AT BE BG CH

CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)
(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 G06F 17/00

(11) WO 2004/044768 (13) A2

(21) PCT/US2003/035368

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/290,023 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR
THIRD PARTY CONTROL OF A DE-
VICE

- PROCEDE ET APPAREIL DE COM-
MANDE D'UN DISPOSITIF PAR UNE
TIERCE PARTIE

(71) DIGI INTERNATIONAL INC. [US/US];
11001 Bren Road East, Minnetonka, MN
55343 (US).(72) BURGER, Michel, C.; 724 Ellsworth Place,
Palo Alto, CA 94306 (US).(74) HEIMLICH, Alan; 5952 Dial Way, San
Jose, CA 95129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations(t) for all designations / pour toutes les
désignations(51)⁷ G06F 17/00

(11) WO 2004/044769 (13) A1

(21) PCT/US2003/035716

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,343 11 Nov/nov 2002 US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD OF FACIL-
ITATING AND EVALUATING USERTHINKING ABOUT AN ARBITRARY
PROBLEM

- SYSTEME ET PROCEDE PERMET-
TANT DE FACILITER ET D'EVALUER
UN RAISONNEMENT UTILISATEUR
CONCERNANT UN PROBLEME AR-
BITRAIRE

(71) THE GREENFIELD GROUP [US/US]; 28
Beacon Street, Marblehead, MA 01945 (US).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HIGGINS, Linda, S. [US/US]; 28 Bea-
con Street, Marblehead, MA 01945 (US).
HEIDENREICH, James, R. [US/US]; 28
Beacon Street, Marblehead, MA 01945 (US).(74) DICHARA, Peter, M. et al. / etc.; Hale and
Dorr LLP, 60 State Street, Boston, MA 02109
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/00

(11) WO 2004/044770 (13) A1

(21) PCT/US2003/035877

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,087 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACTIVATION AND PERSONALIZA-
TION OF DOWNLOADABLE CON-
TENT

- ACTIVATION ET PERSONNALISA-
TION D'UN CONTENU TELECHAR-
GEABLE VERS L'AVAIL

(71) DIGITAL INTERACTIVE ENTERTAIN-
MENT, L.L.C. [US/US]; 1230 N. Watkins
Street, Memphis, TN 38108 (US).(72) FIALA, Barry, J.; 1925 Pittmann Road,
Sommerville, TN 38068 (US). HARDY,
Leslie, D.; 1127 Mariposa Way, Boulder
City, NV 89005 (US).(74) LONDA, Bruce, S.; Norris McLaughlin &
Marcus, 220 East 42nd Street, 30th Floor,
New York, NY 10017 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/18

(11) WO 2004/044771 (13) A2

(21) PCT/US2003/035202

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/293,047 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR PRO-
VIDING PERFORMANCE MEASURES
FOR AN ASSET OF FLUCTUATING
VALUE

- PROCEDE ET APPAREIL PERMET-
TANT D'OBTENIR DES MESURES DE
PERFORMANCE POUR UN BIEN DE
VALEUR FLUCTUANTE

(71, 72) TREVINO, George [US/US]; 5027 Bra-
zoswood, San Antonio, TX 78244 (US).(74) SPIERING, M., Susan; Ochoa & Asso-
ciates, P.O. Box 72694, Corpus Christi, TX
78472-2694 (US).

(81) AU CA CN JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51) G06F 17/30

(11) WO 2004/044772 (13) A2

(21) PCT/EP2003/011655

(22) 21 Oct/oct 2003 (21.10.2003)

(25) de (26) de

(30) 102 52 445.9 12 Nov/nov 2002 DE
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND COMPUTER CONFIG-
URATION FOR PROVIDING DATA-
BASE INFORMATION OF A FIRST
DATABASE AND METHOD FOR CAR-
RYING OUT THE COMPUTER-AIDED
FORMATION OF A STATISTICAL IM-
AGE OF A DATABASE

- PROCEDE ET SYSTEME INFORMATI-
QUE DESTINES A FOURNIR DES
INFORMATIONS DE BASE DE DON-
NEES D'UNE PREMIERE BASE DE
DONNEES ET PROCEDE DE PRODUC-
TION ASSISTEE PAR ORDINATEUR
D'UNE IMAGE STATISTIQUE D'UNE
BASE DE DONNEES

(71) SIEMENS AKTIENGESSELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) HAFT, Michael [DE/DE]; Grünland-
strasse 27, 85604 Zorneding (DE). HOF-
MANN, Reimar [DE/DE]; Hiltenspergerstr.
79, 80796 München (DE).

(74) **SIEMENS AKTIENGESellschaft**; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 17/30, 11/14, 15/177**

(11) **WO 2004/044773** (13) A1

(21) PCT/FI2003/000857

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 20022024 **13 Nov/nov 2002 (13.11.2002)** FI

(43) 27 May/mai 2004 (27.05.2004)

(54) • **ARRANGING SYNCHRONIZATION SESSION**
• **ARRANGEMENT DE SESSION DE SYNCHRONISATION**

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TÖRMÄ, Marko** [FI/FI]; Kalamiestenkatu 9 A 5, FIN-37120 Nokia (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR 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 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); AP (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility

model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **G06F 17/30**

(11) **WO 2004/044774** (13) A1

(21) PCT/KR2003/002323

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) ko (26) en

(30) 10-2002-0070187 **12 Nov/nov 2002 (12.11.2002)** KR

(43) 27 May/mai 2004 (27.05.2004)

(54) • **DATA SEARCHING METHOD AND INFORMATION DATA SCRAPPING METHOD USING INTERNET**
• **PROCEDE DE RECHERCHE DE DONNEES ET PROCEDE D'EXTRACTION DE DONNEES D'INFORMATION PAR L'INTERMEDIAIRE D'INTERNET**

(71, 72) **PYUN, Jeong-Bum** [KR/KR]; Muncheonmaul 302-1205, Juyeop 2-Dong, Il-san-Gu, Gyeonggi-Do 411-747 (KR). **PARK, Won-Jun** [KR/KR]; Yein Chereville, 301, Seongsa-Dong, Deogyang-Gu, Gyeonggi-Do 412-020 (KR).

(74) **GHILL, Yong-Jun** et al. / etc.; 2nd Fl., JEH Moon Bldg., 944-26 Daechi 3-Dong, Gangnam-Gu, Seoul 135-846 (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044775** (13) A1

(21) PCT/SE2003/001715

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) sv (26) en

(30) 0203330-6 **12 Nov/nov 2002 (12.11.2002)** SE

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD FOR ESTABLISHING AND CONDUCTING COMMUNICATION BETWEEN A DATA SOURCE AND A USER.**
• **PROCEDE D'ETABLISSEMENT ET DE GESTION D'UNE COMMUNICATION ENTRE UNE SOURCE DE DONNEES ET UN UTILISATEUR**

(71) **TELIGENT INFORMAPHONE AB** [SE/SE]; Box 213, S-149 23 NYNÄSHAMN (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Conny** [SE/SE]; Björnbacken, S-640 61 STALLARHOLMEN (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 17/30**

(11) **WO 2004/044776** (13) A1

(21) PCT/SE2003/001716

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) sv (26) en

(30) 0203331-4 **12 Nov/nov 2002 (12.11.2002)** SE

(43) 27 May/mai 2004 (27.05.2004)

(54) • **A METHOD OF ESTABLISHING AND CARRYING OUT COMMUNICATION BETWEEN A DATA SOURCE AND A USER**
• **PROCEDE POUR ETABLIR ET POUR-SUIVRE LA COMMUNICATION ENTRE UNE SOURCE DE DONNEES ET UN UTILISATEUR**

(71) **TELIGENT INFORMAPHONE AB** [SE/SE]; Box 213, S-149 23 NYNÄSHAMN (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Conny** [SE/SE]; Björnbacken, S-640 61 STALLARHOLMEN (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM

HR HU ID IL IN IS JP 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 17/30

(11) WO 2004/044777 (13) A1

(21) PCT/SE2003/001755

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0203368-6 14 Nov/nov 2002 SE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • A METHOD OF TRACKING IN PRODUCTION IN A PLANT FOR LIQUID FOODS

• PROCEDE DE SUIVI DE PRODUCTION DANS UNE INSTALLATION POUR ALIMENTS 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) ANDERSSON, Axel [SE/SE]; Mjöltnaregatan 5 A, S-211 44 MALMÖ (SE). BJERNETUN, Peter [SE/SE]; Prästbergavägen 134, S-234 35 LOMMA (SE). FRIDH, Anders [SE/SE]; Villavägen 23, S-240 14 VEBERÖD (SE). LUEDTKE, Pontus [SE/SE]; Nattviolvägen 30, S-246 51 LÖDDEKÖPINGE (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30, 17/60, G06K 07/00

(11) WO 2004/044778 (13) A1

(21) PCT/US2002/036183

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • INDIVIDUALIZED PATIENT ELECTRONIC MEDICAL RECORDS SYSTEM

• SYSTEME INDIVIDUALISE DE DOSIERS MEDICAUX ELECTRONIQUES DES PATIENTS

(71, 72) WILKINS, Bobbi, L. [US/US]; 107 W. Lavender Ave., Durham, NC 27704 (US).

(74) GLASGOW, JiNan; Glasgow Law Firm, PLLC, P.O. Box 28539, Raleigh, NC 27611-8539 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/044779 (13) A1

(21) PCT/US2003/035254

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,789 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SYSTEM AND METHOD FOR SEARCHING AND MATCHING DATABASES

• SYSTEME ET PROCEDE POUR FAIRE DES RECHERCHES ET POUR ETABLIR DES CORRELATIONS DANS DES BASES DE DONNEES

(71) DUN & BRADSTREET, INC. [US/US]; 103 JFK Parkway, Short Hills, NJ 07078 (US).

(72) SCRIFIGNANO, Anthony, J.; 899 Eaton Avenue, Bethlehem, PA 18016 (US). ALL-AWAY, David; 3 Sylvan Way, Parsippany, NJ 07054 (US). GUSTAFSON, Eric; 3450 S. Ocean Boulevard, #123, Palm Beach, FL 33480 (US). HAYENHJELM, Amy; 1 Diamond Hill Road, Murray Hill, NJ 07974 (US). OHLSON, Edward; 899 Eaton Avenue, Bethlehem, PA 18016 (US). SHIPMAN, Courtney; 1 Diamond Hill Road, Murray Hill, NJ 07974 (US). SKAHILL, Larry; 3 Sylvan Way, Parsippany, NJ 07054 (US). CHAKRABORTY, Sudip; 571 Central Avenue, Suite 105, New Providence, NJ 07974 (US). PILLAI, Ajay; 571 Central Avenue, Suite 105, New Providence, NJ 07974 (US).

(74) GREELEY, Paul, D.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 17/30

(11) WO 2004/044780 (13) A2

(21) PCT/US2003/035551

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,543 6 Nov/nov 2002 US (06.11.2002)

(30) 10/306,130 26 Nov/nov 2002 US (26.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SCALABLY ACCESSING DATA IN AN ARBITRARILY LARGE DOCUMENT

• TECHNIQUES D'ACCES ADAPTE A DES DONNEES CONTENUES DANS UN DOCUMENT VOLUMINEUX

(71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

(72) CHANDRASEKAR, Sivasankaran; 540 Everett Avenue, Palo, CA 94301 (US). MURTHY, Ravi; 33227 Jamie Circle, Fremont, CA 94555 (US). AGARWAL, Nipun; 4768 Cheeney Street, Santa Clara, CA 95054 (US). SEDLAR, Eric; 4270 Cesar Chavez Street, San Francisco, CA 94131 (US).

(74) HICKMAN, Brian; Hickman Palermo Truong & Becker LLP, 1600 Willow Street, San Jose, CA 95125 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 2004/044781 (13) A2

(21) PCT/US2003/035552

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,543 6 Nov/nov 2002 US (06.11.2002)

(30) 10/305,990 26 Nov/nov 2002 US (26.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • TECHNIQUES FOR MANAGING MULTIPLE HIERARCHIES OF DATA FROM A SINGLE INTERFACE

- TECHNIQUES POUR GERER PLUSIEURS HIERARCHIES DE DONNEES A PARTIR D'UNE INTERFACE UNIQUE
- (71) ORACLE INTERNATIONAL CORPORATION [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).
- (72) CHANDRASEKAR, Sivasankaran; 540 Everett Avenue, Palo, CA 94301 (US). MURTHY, Ravi; 33227 Jamie Circle, Fremont, CA 94555 (US). AGARWAL, Nipun; 4768 Cheeney Street, Santa Clara, CA 95954 (US). SEDLAR, Eric; 4270 Cesar Chavez Street, San Francisco, CA 94131 (US).
- (74) HICKMAN, Brian et al. / etc.; Hickman Palermo Truong & Becker LLP, 1600 Willow Street, San Jose, CA 95125 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044782 (13) A1
- (21) PCT/US2003/035759
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 60/426,145 14 Nov/nov 2002 US (14.11.2002)
- (30) 60/426,146 14 Nov/nov 2002 US (14.11.2002)
- (30) 60/426,422 14 Nov/nov 2002 US (14.11.2002)
- (30) 60/426,432 14 Nov/nov 2002 US (14.11.2002)
- (30) 60/426,440 14 Nov/nov 2002 US (14.11.2002)
- (30) 10/325,044 19 Dec/déc 2002 US (19.12.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ADDRESS BOOK FOR INTEGRATING EMAIL AND INSTANT MESSAGING (IM)
- CARNET D'ADRESSES SERVANT A INTEGRER DES SERVICES DE MESSAGERIE ELECTRONIQUE ET DE MESSAGERIE INSTANTANEE
- (71) BELL SOUTH INTELLECTUAL PROPERTY CORPORATION [US/US]; 824 Market Street, Suite 901, Wilmington, DE 19801 (US).
- (72) DANIELL, W., Todd; 900 Crossfire Ridge, NW, Marietta, GA 30064 (US). FRIEDMAN, Lee, G.; 10615 Timberstone Road, Alpharetta, GA 30022 (US).
- (74) KUESTER, Jeffrey, R.; Thomas, Kayden, Horstemeyer & Risley, LLP, 100 Galleria Parkway, Suite 1750, Atlanta, GA 30339-5849 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 2004/044783 (13) A2
- (21) PCT/US2003/035822
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 60/425,034 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND METHOD FOR CONTROLLING ACCESS TO MULTIPLE PHYSICAL MEDIA LIBRARIES
- SYSTEME ET PROCEDE DE COMMANDE D'ACCES A DES BIBLIOTHEQUES DE SUPPORTS
- (71) CROSSROADS SYSTEMS, INC. [US/US]; 8300 North MoPac Expressway, Austin, TX 78759 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOODY, William, H., II [US/US]; 11513 Kempwood Drive, Austin, TX 78750 (US). SIMS, Robert [US/US]; 8609 Sea Ash Circle, Round Rock, TX 75681 (US).
- (74) AKMAL, Ariyeh, G.; GRAY CARY WARE & FREIDENRICH, LLP, 1221 South MoPac Expressway, Suite 400, Austin, TX 78746 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06F 17/30
- (11) WO 2004/044785 (13) A1
- (21) PCT/US2003/035858
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,501 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DYNAMIC TRANSPARENT OBJECT QUERYING GENERATION AND PARSING
- GENERATION ET ANALYSE D'INTERROGATION DYNAMIQUE D'OBJETS TRANSPARENTS
- (71) THOUGHT, INC. [US/US]; 657 Mission Street, San Francisco, CA 94105 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MULLINS, Ward [US/US]; 2222 Leavenworth Street, Apartment 304, San Francisco, CA 94133 (US). MARTINS, Alexandre [BR/BR]; Rua Almirante Lamego 703, Apto 102, 8815-600 Centro, Florianópolis SC (BR).
- (74) ORZECZOWSKI, Karen, Lee et al. / etc.; Lev Intellectual Property Law, 4766 Michigan Boulevard, Youngstown, OH 44505-1231 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DMDZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 2004/044786 (13) A2

(21) PCT/US2003/036089

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/424,708 8 Nov/nov 2002 US
(08.11.2002)

(30) 60/477,050 10 Jun/juin 2003 US
(10.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DESIGN FOR HIGHLY-SCALABLE,
DISTRIBUTED REPLENISHMENT
PLANNING ALGORITHM

- CONCEPTION D'UN ALGORITHME
DE PLANIFICATION D'UN REAPPRO-
VISIONNEMENT REPARTI HAUTE-
MENT ECHELONNABLE

(71) MANUGISTICS, INC. [US/US]; 9715 Key
West Avenue, Rockville, MD 20850 (US).

(72) BERKERY, Daniel; c/o Manugistics, Inc.,
9715 Key West Avenue, Rockville, MD
20850 (US). SHEKAR, Chandra; c/o
Manugistics, Inc., 9715 Key West Avenue,
Rockville, MD 20850 (US). JENKINS,
Joseph; c/o Manugistics, Inc., 9715 Key
West Avenue, Rockville, MD 20850 (US).
LINDSEY, Joel; c/o Manugistics, Inc., 9715
Key West Avenue, Rockville, MD 20850
(US). DROLET, Thomas; c/o Manugistics,
Inc., 9715 Key West Avenue, Rockville, MD
20850 (US).

(74) CROWSON, Celine, Jimenez et al. / etc.;
Hogan & Hartson L.L.P., 555 Thirteenth
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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F 17/50, G05B 19/4097, G06F 3/00,
G06T 9/00, A61C 13/00

(11) WO 2004/044787 (13) A2

(21) PCT/EP2003/012525

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 52 298.7 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR PRODUCING DEN-
TURE PARTS OR FOR TOOTH
RESTORATION USING ELECTRONIC
DENTAL REPRESENTATIONS

- PROCEDE DE PRODUCTION DE
PIECES PROTHETIQUES DENTAIRES
OU DE RESTAURATIONS DENTAIRES
AU MOYEN DE REPRESENTATIONS
DENTAIRES ELECTRONIQUES

(71, 72) MEHL, Albert [DE/DE]; Roggensdor-
ferstrasse 39, 83607 Holzkirchen (DE).

(74) HIRSCH, Peter; Klunker, Schmitt-Nilson,
Hirsch, Winzererstrasse 106, 80797 München
(DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DK DM
DZ EC EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX
MZ NI NO NZ OMPG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ
UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F 17/50, B61L 27/00, G05B 17/02

(11) WO 2004/044788 (13) A1

(21) PCT/EP2003/050724

(22) 16 Oct/oct 2003 (16.10.2003)

(25) en (26) en

(30) SV2002A000056 14 Nov/nov 2002 IT
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DEVICE AND METHOD FOR CHECK-
ING RAILWAY LOGICAL SOFT-
WARE ENGINES FOR COMMANDING
PLANTS, PARTICULARLY STATION
PLANTS

- DISPOSITIF ET PROCEDE DE VERIFI-
CATION DES MOTEURS LOGICIELS
DE CHEMIN DE FER PERMETTANT
DE COMMANDER DES INSTALLA-
TIONS TELLES QUE DES GARES

(71) ALSTOM FERROVIARIA S.P.A. [IT/IT];
v. Moreno, 23, I-12038 Savigliano (IT).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TRAMONTANA, Francesco [IT/IT]; v.
Guerrieri, I-61034 Fossombrone (IT).

(74) KARAGHIOSOFF, Alessandro, Giorgio;
Studio Karaghiosoff e Frizzi S.a.s., via Pecor-
rile, 25, I-17015 Celle Ligure (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN

TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

(51)⁷ G06F 17/50

(11) WO 2004/044789 (13) A2

(21) PCT/FR2003/003305

(22) 5 Nov/nov 2003 (05.11.2003)

(25) fr (26) fr

(30) 02/13872 6 Nov/nov 2002 FR
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DYNAMIC IMAGE PRODUCTION
METHOD AND SYSTEM

- PROCEDE ET SYSTEME D'ELABORA-
TION DYNAMIQUE D'IMAGES

(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) TRAN XUAN, Fabrice [FR/FR]; 16,
rue Etienne de la Boétie, F-38320 Eybens
(FR). SOLER, Karine [FR/FR]; Le Vil-
lage, F-38210 Montaud (FR). SIMON,
Christophe [FR/FR]; 230, chemin de la
Pelado, F-84270 Vedene (FR).

(74) BUREAU D.A. CASALONGA-JOSSE; 8,
avenue Percier, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G06F 17/50

(11) WO 2004/044790 (13) A1

(21) PCT/FR2003/003323

(22) 6 Nov/nov 2003 (06.11.2003)

(25) fr (26) fr

(30) 02/14108 12 Nov/nov 2002 FR
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR EVALUATING A PHYS-
ICAL QUANTITY REPRESENTING AN
INTERACTION BETWEEN A WAVE
AND AN OBSTACLE

- PROCEDE POUR EVALUER UNE
GRANDEUR PHYSIQUE REPRESEN-
TATIVE D'UNE INTERACTION ENTRE
UNE ONDE ET UN OBSTACLE

(71) CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE -CNRS-

[FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR). **ECOLE NORMALE SUPERIEURE DE CACHAN** [FR/FR]; 61, avenue du Président Wilson, F-94235 Cachan (FR). **UNIVERSITE PARIS SUD (PARIS 11)** [FR/FR]; 15, rue Georges Clémenceau, F-91405 Orsay (FR). **UNIVERSITY OF ARIZONA** [US/US]; BABCOCK BLDG RM 3205, 1717 E. Speedway Blvd, Tucson, AZ 85721 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLACKO, Dominique** [FR/FR]; 21, allée de la Toison d'Or, F-94000 Créteil (FR). **LIEBEAUX, Nicolas** [FR/FR]; 10, rue Guichard, F-94230 Cachan (FR). **KUNDU, Tribikram** [US/US]; 1201 East Chula Vista RD., Tucson, 85718 (US).

(74) **LOISEL, Bertrand et al.** / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 17/50, H01L 21/82

(11) WO 2004/044791 (13) A1

(21) PCT/JP2002/011739

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUTOMATIC ARRANGEMENT/WIRING METHOD, PROGRAM, AND APPARATUS
• PROCEDE D'AGENCEMENT/DE CABLAGE AUTOMATIQUE, PROGRAMME ET 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) **NITTA, Izumi** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **TAKEUCHI, Susumu**; 8 Floor, Shimizu Building, 25-47, Nishi-Shinbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) JP US.

(51)⁷ G06F 17/50

(11) WO 2004/044792 (13) A1

(21) PCT/KR2003/002387

(22) 7 Nov/nov 2003 (07.11.2003)

(25) ko (26) en

(30) 10-2002-0070118 12 Nov/nov 2002 KR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR PRODUCING 3-DIMENSIONAL SIGNBOARD USING COMPUTER GRAPHIC, AND ELECTRONIC DEVICE AND MOBILE COMMUNICATION TERMINAL HAVING DISPLAY USING THE SAME

• SYSTEME ET PROCEDE DE PRODUCTION D'UN PANNEAU PUBLICITAIRE TRIDIMENSIONNEL PAR INFOGRAPHIE, AINSI QUE DISPOSITIF ELECTRONIQUE ET TERMINAL DE COMMUNICATION MOBILE POSSEDANT UN DISPOSITIF D'AFFICHAGE METTANT EN OEUVRE CE SYSTEME ET CE PROCEDE

(71) **EKOLITE CO., INC.** [KR/KR]; 177-7 Beomeo-dong, Suseong-gu, Daegu-si 706-010 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAE, Jong-Soon** [KR/KR]; #103-1802 Suseong heightz, 1090-8, Suseong 2-ga, Suseong-gu, Daegu-si 706-032 (KR).

(74) **KIM, Seong-Nam et al.** / etc.; 17th Floor, City Air Tower, 159-9 Samsung-dong, Gangnam-gu, Seoul 135-973 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/50

(11) WO 2004/044793 (13) A1

(21) PCT/US2003/030297

(22) 29 Sep/sep 2003 (29.09.2003)

(25) en (26) en

(30) 10/288,668 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PLACEMENT PROCESSING FOR PROGRAMMABLE LOGIC DEVICES

• TRAITEMENT POUR LE PLACEMENT DE DISPOSITIFS LOGIQUES PROGRAMMABLES

(71) **LATTICE SEMICONDUCTOR CORPORATION** [US/US]; 5555 NE Moore Ct, Hillsboro, OR 97124 (US).

(72) **WU, Qinghong**; 2680 Zanker Road, San Jose, OR 95134 (US). **SHEN, Yinan**; 2689 Zanker Road, San Jose, CA 95134 (US). **LIU, Liren**; 2689 Zanker Road, San Jose, CA 95134 (US).

(74) **BECKER, Mark**; 5555 NE Moore Ct, Hillsboro, OR 97124 (US).

(81) DE GB JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : DE GB JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 17/50

(11) WO 2004/044794 (13) A1

(21) PCT/US2003/030778

(22) 29 Sep/sep 2003 (29.09.2003)

(25) en (26) en

(30) 10/288,667 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADAPTIVE ADJUSTMENT OF CONSTRAINTS DURING PLD PLACEMENT PROCESSING

• AJUSTEMENT ADAPTIF DE CONTRAINTES PENDANT LE TRAITEMENT DU PLACEMENT DE DISPOSITIF LOGIQUE PROGRAMMABLE

(71) **LATTICE SEMICONDUCTOR CORPORATION** [US/US]; 5555 NE Moore Ct, Hillsboro, OR 97124 (US).

(72) **WU, Qinghong**; 2680 Zanker Road, San Jose, OR 95134 (US). **SHEN, Yinan**; 2689 Zanker Road, San Jose, CA 95134 (US).

(74) **BECKER, Mark**; 5555 NE Moore Ct, Hillsboro, OR 97124 (US).

(81) DE GB JP.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : DE GB JP EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR)

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 17/50

(11) WO 2004/044795 (13) A2

(21) PCT/US2003/035403

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,930 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTIMIZED EXECUTION OF SOFTWARE OBJECTS GENERATED FROM A HARDWARE DESCRIPTION

• EXECUTION OPTIMISEE D'OBJETS LOGICIELS GENERES A PARTIR D'UNE DESCRIPTION DU MATERIEL

(71) **CARBON DESIGN SYSTEMS, INC.** [US/US]; 375 Totten Pond Road, Suite 100, Waltham, MA 02451 (US).

(72) **NEIFERT, William**; 100 Pleasant Street #31, Arlington, MA 02476 (US). **MARANTZ, Joshua**; 157 Aspinwall Avenue, Brookline, MA 02446 (US). **SAYDE, Richard**; 675 West Street, Carlisle, MA 01741 (US). **TATHAM, Joseph**; 23 Newman Way #2, Arlington, MA 02476 (US). **LEHOTSKY, Alan**; 634 West Street, Carlisle, MA 01741-1429 (US). **LADD, Andrew**; 20-6 Deer Path Lane, Maynard, MA 01754 (US). **SENESKI, Mark**; 96 Hewlett Street, Roslindale, MA 02131 (US). **ATKINS, Aron**; 145 Park Ave Ext., Arlington, MA 02474 (US).

(74) **GAFF, Brian, M.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/50

(11) WO 2004/044796 (13) A2

(21) PCT/US2003/035404

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,930 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GENERATION OF SOFTWARE OBJECTS FROM A HARDWARE DESCRIPTION

• CREATION D'OBJETS LOGICIELS A PARTIR D'UNE DESCRIPTION DE MATERIEL

(71) **CARBON DESING SYSTEMS, INC.** [US/US]; 375 Totten Pond, Suite 100, Waltham, MA 02451 (US).

(72) **NEIFERT, William**; 100 Pleasant Street #31, Arlington, MA 02476 (US). **MARANTZ, Joshua**; 157 Aspinwall Avenue, Brookline, MA 02446 (US). **SAYDE, Richard**; 675 West Street, Carlisle, MA 01741 (US). **TATHAM, Joseph**; 23 Newman Way #2, Arlington, MA 02476 (US). **LEHOTSKY, Alan**; 634 West Street, Carlisle, MA 01741-1429 (US). **LADD, Andrew**; 20-6 Deer Path Lane, Maynard, MA 01754 (US). **SENESKI, Mark**; 96 Hewlett Street, Roslindale, MA 02131 (US). **ATKINS, Aron**; 145 Park Ave Ext., Arlington, MA 02474 (US).

(74) **GAFF, Brian, M.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/50

(11) WO 2004/044797 (13) A2

(21) PCT/US2003/035508

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,930 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SIMULATION OF SOFTWARE OBJECTS GENERATED FROM A HARDWARE DESCRIPTION

• SIMULATION D'OBJETS LOGICIELS PRODUITS A PARTIR D'UNE DESCRIPTION D'EQUIPEMENT

(71) **CARBON DESIGN SYSTEMS, INC.** [US/US]; 375 Totten Pond Road, Suite 100, Waltham, MA 02451 (US).

(72) **NEIFERT, William**; 100 Pleasant Street #31, Arlington, MA 02476 (US). **MARANTZ, Joshua**; 157 Aspinwall Avenue, Brookline, MA 02446 (US). **SAYDE, Richard**; 675 West Street, Carlisle, MA 01741 (US). **TATHAM, Joseph**; 23 Newman Way #2, Arlington, MA 02476 (US). **LEHOTSKY, Alan**; 634 West Street, Carlisle, MA 01741-1429 (US). **LADD, Andrew**; 20-6 Deer Path Lane, Maynard, MA 01754 (US). **SENESKI, Mark**; 96 Hewlett Street, Roslindale, MA 02131 (US). **ATKINS, Aron**; 145 Park Ave Ext., Arlington, MA 02474 (US).

(74) **GAFF, Brian, M.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/50

(11) WO 2004/044798 (13) A2

(21) PCT/US2003/035649

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,930 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • GLOBAL ANALYSIS OF SOFTWARE OBJECTS GENERATED FROM A HARDWARE DESCRIPTION

• ANALYSE GLOBALE D'OBJETS LOGICIELS GENERES A PARTIR D'UNE DESCRIPTION DE MATERIEL

(71) **CARBON DESIGN SYSTEMS, INC.** [US/US]; 375 Totten Pond Road Suite 100, Waltham, MA 02451 (US).

(72) **NEIFERT, William**; 100 Pleasant Street #31, Arlington, MA 02476 (US). **MARANTZ, Joshua**; 157 Aspinwall Avenue, Brookline, MA 02446 (US). **SAYDE, Richard**; 675 West Street, Carlisle, MA 01741 (US). **TATHAM, Joseph**; 23 Newman Way #2, Arlington, MA 02476 (US). **LEHOTSKY, Alan**; 634 West Street, Carlisle, MA 01741-1429 (US). **LADD, Andrew**; 20-6 Deer Path Lane, Maynard, MA 01754 (US). **SENESKI, Mark**; 96 Hewlett Street, Roslindale, MA 02131 (US). **ATKINS, Aron**; 145 Park Ave Ext., Arlington, MA 02474 (US).

(74) **GAFF, Brian, M.**; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60, G07F 19/00

(11) WO 2004/044799 (13) A1

(21) PCT/BY2003/000012

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ru (26) ru

(30) 200201294 11 Nov/nov 2002 EA (11.11.2002)

(30) u20020363 29 Nov/nov 2002 BY (29.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR IDENTIFYING A CUSTOMER SOLVENCY AND FOR CARRYING OUT A CASHLESS SETTLEMENT

• PROCEDE ET SYSTEME POUR DETERMINER LA SOLVABILITE D'UN ACHETEUR ET EFFECTUER DES TRANSACTIONS SANS NUMERAIRE

(71, 72) **TYUMENTSEV, Pavel Dmitrievich** [BY/BY]; ul. 8 Marta, 9a-12, Zhodino, Minskaya obl., 222160 (BY).

(74) **BELIAEVA, Elena Nikolaevna**; pl. Svo-body, 23-55, Minsk, 220030 (BY).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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).

Published / Publiée : (a)

(51)⁷ G06F 17/60

(11) WO 2004/044800 (13) A1

(21) PCT/CA2003/001753

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 2,411,758 14 Nov/nov 2002 CA (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUTOMATED TELLER MACHINES ADVERTISING SYSTEM
• SYSTEME PUBLICITAIRE DE GUICHET AUTOMATIQUE BANCAIRE

(71, 72) STRAUB, David, Ryan [CA/CA]; 39 Campbell Road, Leduc, Alberta T9E 8C8 (CA).

(74) THOMPSON, Douglas, B.; c/o Thompson Lambert LLP, #200, 10328 - 81 Avenue, Edmonton, Alberta T6E 1X2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 17/60, 15/00

(11) WO 2004/044801 (13) A2

(21) PCT/DE2003/003768

(22) 13 Nov/nov 2003 (13.11.2003)

(25) de (26) de

(30) 102 53 348.2 14 Nov/nov 2002 DE (14.11.2002)

(30) 102 55 061.1 25 Nov/nov 2002 DE (25.11.2002)

(30) 103 03 520.6 29 Jan/jan 2003 DE (29.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE COMPRISING AN EMBEDDED SYSTEM FOR INDUSTRIAL PROCESS MEASURING AND CONTROL TECHNOLOGY AND FOR AUTOMATION

• DISPOSITIF COMPRENANT UN SYSTEME INTEGRE, DESTINE AUX DOMAINES DES TECHNIQUES INDUSTRIELLES DE MESURE ET DE REGLAGE ET DE L'AUTOMATISATION

(71) ADDI-DATA GMBH [DE/DE]; Dieselstrasse 3, 77833 Ottersweier (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AGNETTI, Antonio [DE/DE]; Klotzbergstrasse 15, 77815 Bühl (DE).
OHLMANN, Rene [FR/FR]; 2a, rue du Stade, F-67500 Haguenau (FR).

(74) LUCHT, Silvia; Werderring 15, 79098 Freiburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60, G07F 19/00

(11) WO 2004/044802 (13) A1

(21) PCT/FR2003/003258

(22) 31 Oct/oct 2003 (31.10.2003)

(25) fr (26) fr

(30) 02/14048 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR DOWNLOADING FILES BETWEEN TWO TERMINALS

• PROCEDE ET SYSTEME DE TELECHARGEMENT DE FICHIERS ENTRE DEUX TERMINAUX

(71) FRANCE TELECOM [FR/FR]; 6, place d'Alleray, F-75015 Paris (FR).
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(72, 75) PETIT, Stéphane [FR/FR]; 68, rue Hébert, F-14200 Herouville Saint Clair (FR).
MAGLIULO, Philippe [FR/FR]; 1bis, rue Pierre-Anne, F-14000 Caen (FR).
PAILLES, Jean-Claude [FR/FR]; 4, rue des Loisirs, F-14610 Epron (FR).

(74) DE ROQUEMAUREL, Bruno et al. / etc.; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois-Perret (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 PG PH PL

PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60, G02B 27/01

(11) WO 2004/044803 (13) A1

(21) PCT/FR2003/003272

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/13973 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR REMOTE TECHNICAL ASSISTANCE
• PROCEDE ET SYSTEME D'ASSISTANCE TECHNIQUE A DISTANCE

(71) ENTREPRISE LE FLECHER M. (EURL) [FR/FR]; ZI du Mourillon, F-56530 Queven (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COUEDELO, Pierre [FR/FR]; Keranmoulin, Kervilin, F-29300 Redene (FR).

(74) BEAUFILS, Yves et al. / etc.; Cabinet Ballot, 4, rue Général Hoche, F-56100 Lorient (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60

(11) WO 2004/044804 (13) A1

(21) PCT/JP2003/014099

(22) 5 Nov/nov 2003 (05.11.2003)

(25) ja (26) ja

(30) 2002-328142 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RENTAL ESTIMATION METHOD
• PROCEDE D'ESTIMATION DES PRIX DE LOCATION

(71) **HITACHI CONSTRUCTION MACHIN-
ERY CO., LTD** [JP/JP]; 5-1, Koraku
2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
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les États désignés sauf US)*

(72, 75) **SHIBATA, Koichi** [JP/JP]; 12-103,
Chiyodahouse, 1828-3, Niihari, Chiy-
oda-machi, Niihari-gun, Ibaraki 315-0051
(JP). **WATANABE, Hiroshi** [JP/JP];
1082-66, Taguu-cyo, Ushiku-shi, Ibaraki
300-1236 (JP). **ADACHI, Hiroyuki** [JP/JP];
848, Okijuku-machi, Tsuchiura-shi, Ibaraki
300-0023 (JP). **SUGIYAMA, Genroku**
[JP/JP]; 3-10-19, Matsuba, Ryugasaki-shi,
Ibaraki 301-0043 (JP). **MIURA, Shuichi**
[JP/JP]; 3-1-1-206, Sengendainishi, Koshi-
gaya-shi, Saitama 343-0041 (JP). **ONO,
Kiyoshi** [JP/JP]; 4-8-3, Higashiikou,
Adachi-ku, Tokyo 121-0801 (JP). **KON-
DOU, Itsuo** [JP/JP]; 2-5-6, Chuo, Ushiku-shi,
Ibaraki 300-1234 (JP). **KIMURA, Toshinori**
[JP/JP]; 2635-128, Ishioka, Ishioka-shi,
Ibaraki 315-0001 (JP).

(74) **NAGAI, Fuyuki**; Iino Building, 2-1-1,
Uchisaiwaicho, Chiyoda-ku, Tokyo 100-0011
(JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ G06F 17/60

(11) **WO 2004/044805** (13) A1

(21) PCT/KR2003/002364

(22) 6 Nov/nov 2003 (06.11.2003)

(25) ko (26) en

(30) 10-2002-0069413 9 Nov/nov 2002 KR
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR PROVIDING INFOR-
MATION FOR HOUSE EXCHANGE
AND SYSTEM THEREFOR
• PROCEDE ET SYSTEME CONÇUS
POUR FOURNIR DES INFORMA-
TIONS CONCERNANT UN ECHANGE
DE MAISONS

(71, 72) **SIM, Jae-Hwang** [KR/KR]; F4., 103,
Cheongpadong-3ga, Youngsan-gu, 140-133
Seoul (KR).

(74) **LEE, Young-Pil**; The Cheonghwa Building,
1571-18, Seocho-dong Seocho-gu, 137-874
Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 2004/044806** (13) A1

(21) PCT/KR2003/002440

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ko (26) en

(30) 10-2002-0070275 13 Nov/nov 2002 KR
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR PRO-
VIDING ON-LINE GAME
• PROCEDE ET DISPOSITIF DE JEUX
EN LIGNE

(71) **NCSOFT CORPORATION** [KR/KR];
143-8 Samsong 2-dong, Gangnam-gu,
135-877 Seoul (KR).

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les États désignés sauf US)*

(72, 75) **KIM, Taek-Jin** [KR/KR]; Woosung
Apt. 2-106, 101-1 Jamsil-dong, Songpa-gu,
138-798 Seoul (KR).

(74) **YOON, Jee Hong**; Hannuri Bldg., 219
Naeja-dong, Chongno-gu, 110-053 Seoul
(KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI 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 2004/044807** (13) A1

(21) PCT/SG2002/000260

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR ESTIMATING A LEAD
TIME OF A PROCESS
• PROCEDE POUR ESTIMER UN DELAI
DE PRODUCTION D'UN PROCESSUS

(71) **SINGAPORE INSTITUTE OF MANU-
FACTURING TECHNOLOGY** [SG/SG];
71 Nanyang Drive, Singapore 638075 (SG).
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les États désignés sauf US)*

(72, 75) **XU, Sheng** [CN/SG]; Blk 908, Jurong
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659244 (SG). **GOH, Kiah, Mok** [SG/SG];
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670654 (SG).

(74) **ELLA CHEONG MIRANDAH & SPRU-
SONS PTE LTD**; Robinson Road Post Of-
fice, P.O. Box 1531, Singapore 903031 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06F 17/60

(11) **WO 2004/044808** (13) A1

(21) PCT/US2002/036351

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR DY-
NAMIC RULE AND/OR OFFER GEN-
ERATION
• PROCEDE ET DISPOSITIF DE GE-
NERATION DE REGLES ET/OU
D'OFFRES DYNAMIQUES

(71) **WALKER DIGITAL, LLC** [US/US]; 1177
High Ridge Road, Suite 128, Stamford, CT
06905 (US).

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les États désignés sauf US)*

(72, 75) **MUELLER, Raymond, J.** [US/US];
89 Cathbriar Road, Weston, CT 06883 (US).
VAN LUCHENE, Andrew, W. [US/US];
535 West 23rd Street, Apartment S 11E, New
York, NY 10011 (US). **HEIER, Jeffrey,
E.** [US/US]; 2301 West Knoll Court, Mi-
amisburgh, OH 45342 (US). **AMOROSI,
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Road, Brookfield, CA 06804 (US). **KR-
ISHNA, Srikant** [US/US]; 10 Taylor Run,
Holmdel, NJ 07733 (US). **MARKOWITZ,
Ted** [US/US]; 10 Hamilton Lane, Darien, CT.
06820 (US).

(74) **ALDERUCCI, Dean, P.**; Chief Counsel, In-
tellectual Property, Walker Digital Manage-
ment, LLC, Five High Ridge Park, Stamford,
CT 06905 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) **WO 2004/044809** (13) A1

(21) PCT/US2003/034428

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/290,041 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SYSTEMS AND METHODS FOR PRICE MATCHING ON FUNDS TRANSFERS
- SYSTEMES ET PROCEDES D'ALIGNEMENT DES PRIX SUR DES VIREMENTS DE FONDS

(71) **FIRST DATA CORPORATION** [US/US]; 12500 East Belford Avenue, Englewood, CO 80112-5939 (US).

(72) **SEIFERT, Dean, A.**; 20315 Vista Circle, Parker, CO 80138 (US). **STOUTENBURG, Earney, E.**; 7474 Gooseberry Lane, Parker, CO 80134 (US).

(74) **GIBBY, Darin, J. et al.** / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06F 17/60

(11) WO 2004/044810 (13) A1

(21) PCT/US2003/034451

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 60/424,560 6 Nov/nov 2002 US (06.11.2002)

(30) 10/290,035 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND APPARATUS FOR A PATHOGEN INACTIVATION MANAGEMENT SYSTEM

- PROCEDE ET DISPOSITIF DESTINES A LA MISE EN OEUVRE D'UN SYSTEME DE GESTION DE L'INACTIVATION D'UN AGENT PATHOGENE

(71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) **VEOME, Edmond, A.**; 619 Mason Drive, LaGrange, IL 60525 (US). **VERMEIREN, Christophe**; A. Vanderschriecherocrost 90, B-1090 Jette Belgium (BE). **FREDERICKS, Chris, Noel**; 147 Sunnyside Place, Libertyville, IL 60048 (US). **JOHNSON, Samira, E.**; 25023 Abbey Glenn Drive, Hawthorn Woods, IL 60047 (US). **RABE, Lori, A.**; 10 Brittany Drive, Oakwood Hills, IL 60013 (US). **MERKOURIOU, Savvas**; 119 Burbank Rd, Ellington, CT 06029 (US). **BERTHAUME, Karen**; 6 Bible Way, Nashua, NE 03063 (US).

(74) **MAYO, Michael, C., et al.** / etc.; Baxter Healthcare Corporation, Route 120 & Wilson Road, Round Lake, IL 60073 (US).

(81) AE AG 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).

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(51)⁷ G06F 17/60

(11) WO 2004/044811 (13) A1

(21) PCT/US2003/035486

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,682 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND APPARATUS FOR TRADING ASSETS

- PROCEDE ET APPAREIL POUR LA NEGOCIATION D'ACTIFS

(71) **FX ALLIANCE, LLC** [US/US]; 900 Third Avenue, Third Floor, New York, NY 10022 (US).

(72) **PENNY, Neill**; 28 Chadwick Place, Surbiton, Surrey KT6 5RE (GB). **WRICHT, David**; 320 E. 46th Street, Apt. 8-E, New York, NY 10017 (US).

(74) **WHITE, Grady, L.**; Law Offices of Grady L. White, LLC, 7272 Wisconsin Avenue, Suite 300, Bethesda, MD 20814 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO 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).

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(51)⁷ G06F 17/60, 17/30, G09B 19/00

(11) WO 2004/044812 (13) A1

(21) PCT/US2003/035908

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,261 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • EDUCATIONAL INSTITUTION SELECTION SYSTEM AND METHOD

- PROCEDE ET SYSTEME DE SELECTION D'UN ETABLISSEMENT D'ENSEIGNEMENT

(71) **TURNING POINT FOR LIFE, INC.** [US/US]; P.O. Box 700, Glenham, NY 12527 (US).

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(71, 72) **GUERRA, Anthony, J.** [US/US]; 21 Vineyard Court, Tivoli, NY 12583 (US).

(74) **STUDEBAKER, Donald**; Nixon Peabody LLP, 401 9th Street N.W., Washington, DC 20004-2128 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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).

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(51)⁷ G06F 19/00

(11) WO 2004/044813 (13) A1

(21) PCT/FR2003/003339

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02/14074 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND SYSTEM FOR PROCESSING EVALUATION DATA

- PROCÉDÉ ET SYSTÈME DE TRAITEMENT DE DONNÉES D'ÉVALUATION

(71) **SURGIVIEW** [FR/FR]; 64 rue Tiquetonne, F-75002 Paris (FR).

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(72, 75) **TEMPLIER, Alexandre** [FR/FR]; 13 rue Jules Simon, F-75015 Paris (FR). **NODE-LANGLOIS, Laurent** [FR/FR]; 2 rue Moncey, F-75009 Paris (FR). **CHERRAK, Ilhem** [FR/FR]; 23 rue Picplu, F-78700 Conflans Ste Honorine (FR).

(74) **PONTET, Bernard et al.** / etc.; Pontet Allano & Associés S.E.L.A.R.L., 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ G06F 19/00

(11) WO 2004/044814 (13) A2

(21) PCT/IB2003/004592

(22) 13 Oct/oct 2003 (13.10.2003)

(25) en (26) en

(30) 10/293,430 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUTOMATED MEDICAL IMAGING
SYSTEM MAINTENANCE DIAGNOS-
TICS

• ENTRETIEN AUTOMATISE DE SYS-
TEME D'IMAGERIE MEDICALE DE
DIAGNOSTIC

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

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les États désignés sauf US)

(72, 75) HENDRICKSON, David [US/US];
22100 Bothell Everett Highway, Bothell, WA
98021 (US).

(74) KONINKLIJKE PHILIPS ELECTRON-
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Bothell Everett Highway, Bothell, OH 98021
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO 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 2004/044815 (13) A2

(21) PCT/IB2003/004956

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 102 53 057.2 14 Nov/nov 2002 DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIAGNOSTIC X-RAY SYSTEM

• SYSTEME DE RADIODIAGNOSTIC

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).

(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf DE US)

(72, 75) BORGMANN, Ludger [DE/DE]; c/o
Philips Intellectual Property & Standards
GmbH, Weissshausstr. 2, 52066 Aachen (DE).

(74) VOLMER, Georg; Philips Intellectual Prop-
erty & Standards GmbH, Weissshausstr. 2,
52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 19/00, B28B 1/14

(11) WO 2004/044816 (13) A1

(21) PCT/IL2003/000955

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,250 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THREE-DIMENSIONAL OBJECT
PRINTING

• IMPRESSION D'OBJETS EN TROIS DI-
MENSIONS

(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) MENCHIK, Guy [IL/IL]; 42 Asher
Street, 43553 Ra'anana (IL). GOTHAIT,
Hanani [IL/IL]; 3 Paldi Street, 76248 Re-
hovot (IL). KRITCHMAN, Eliahu M.
[IL/IL]; 56 Mota Gur Street, 69012 Tel Aviv
(IL).

(74) EITAN, PEARL, LATZER & CO-
HEN-ZEDEK et al. / etc.; 2 Gav Yam
Center, 7 Shenkar Street, 46725 Herzlia (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ G06F 19/00

(11) WO 2004/044817 (13) A2

(21) PCT/US2003/035304

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,257 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR ASSESS-
ING THE FUNCTIONAL ABILITY OR
MEDICAL CONDITION OF AN ACTOR

• SYSTEME ET PROCEDE PERMET-
TANT D'EVALUER LA CAPACITE
FONCTIONNELLE OU L'ETAT PATHO-
LOGIQUE D'UN ACTEUR

(63) US Not furnished /
non communiqué (CIP)
Not furnished /
non communiqué

(71) HONEYWELL INTERNATIONAL, INC.
[US/US]; 101 Columbia Road, Morristown,
NJ 07962-2245 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) DEWING, Wende, L. [US/US]; 101
Columbia Road, Morristown, NJ 07962-2245
(US). STICKLER, Larry, L. [US/US]; 101
Columbia Road, Morristown, NJ 07962-2245
(US). MILLER, Christopher, A. [US/US];
101 Columbia Road, Morristown, NJ
07962-2245 (US). HAIGH, Karen, Z.
[US/US]; 101 Columbia Road, Morristown,
NJ 07962-2245 (US). RICHARDSON,
Rose, Mae, M. [US/US]; 101 Columbia
Road, Morristown, NJ 07962-2245 (US).
WHILLOCK, Rand, P. [US/US]; 101 Co-
lumbia Road, Morristown, NJ 07962-2245
(US). WHITLOW, Stephen, D. [US/US];
101 Columbia Road, Morristown, NJ
07962-2245 (US).

(74) CZAJA, Timothy, A.; Honeywell Interna-
tional, 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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO 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 2004/044818 (13) A1

(21) PCT/US2003/035470

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,728 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR GENER-
ATING AN AMALGAMATED DATA-
BASE

• SYSTEME ET PROCEDE DE CREA-
TION D'UNE BASE DE DONNEES
FUSIONNEE

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUSSIER, Yves, A.** [CA/US]; 532 West 112th Street, Apt. 6C, New York, NY 10025 (US). **SARKAR, Indra, Neil** [US/US]; 40 River Road, Apt. 10R, New York, NY 10044 (US). **CANTOR, Michael** [US/US]; 215 West 84th Street, Apt. 408, New York, NY 10024 (US).

(74) **TANG, Henry et al. / etc.; Baker & Botts L.L.P.**, 30 Rockefeller Plaza, New York, NY 10112-4498 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G06F 19/00**

(11) **WO 2004/044819** (13) A2

(21) PCT/US2003/035573

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,800 **13 Nov/nov 2002 (13.11.2002)** US

(30) 10/702,984 **6 Nov/nov 2003 (06.11.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **SYSTEM AND METHOD FOR REAL-TIME FEATURE SENSITIVITY ANALYSIS BASED ON CONTEXTUAL INFORMATION**

• **SYSTEME ET PROCEDURE D'ANALYSE DE LA SENSIBILITE D'UNE CARACTERISTIQUE EN TEMPS REEL D'APRES UNE INFORMATION CONTEXTUELLE**

(71) **SIEMENS CORPORATE RESEARCH, INC.** [US/US]; 755 College Road East, Princeton, NJ 08540 (US). **SIEMENS MEDICAL SOLUTIONS USA, INC.** [US/US]; 51 Valley Stream Parkway, Malvern, PA 19355-1406 (US).

(72) **COMANICIU, Dorin**; 2 Stuart Lane West, Princeton Junction, NJ 08550 (US). **KRISHNAN, Arun**; 31 Cameron Court, Exton, PA 19341 (US). **ZHOU, Xiang Sean**; 36 Sycamore Dr., Plainsboro, NJ 08536 (US). **DUGGIRALA, Bhavani**; 140-156th Avenue SE, Bellevue, WA 98007 (US). **PAINE, Diane**; 18649 NE 55th Way, Redmond, WA 98052 (US).

(74) **CONOVER, Michele, L. et al. / etc.**; Siemens Corporation, Intellectual Property Department, 170 Wood Avenue South, Iselin, NJ 08830 (US).

(81) CN JP

(51)⁷ **G06F 21/00, G11B 20/00, 27/11**

(11) **WO 2004/044820** (13) A1

(21) PCT/IB2003/004894

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 02079720.5 **12 Nov/nov 2002 (12.11.2002)** EP

(43) 27 May/mai 2004 (27.05.2004)

(54) • **FINGERPRINTING MULTIMEDIA CONTENTS**

• **EXTRACTION D'EMPREINTES SPECTRALES DE CONTENUS MULTIMEDIA**

(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) **SEO, Jin, S.** [KR/KR]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HAITSMA, Jaap, A.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KALKER, Antonius, A., C., M.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCHMITZ, Herman, J., R.**; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **G06F 21/00, G11B 20/00, H04L 9/00, G06F 1/00**

(11) **WO 2004/044821** (13) A1

(21) PCT/IB2003/005120

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,843 **12 Nov/nov 2002 (12.11.2002)** US

(30) 60/483,767 **30 Jun/juin 2003 (30.06.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CREATING EXPIRING COPIES IN A CHECK-OUT/CHECK-IN SYSTEM**

• **CREATION DE COPIES VENANT A EXPIRATION DANS UN SYSTEME CHECK-OUT/CHECK-IN**

(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) **EPSTEIN, Michael, A.** [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; Intellectual Property & Standards, c/o THORNE, Gregory, L., P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ **G06K**

(11) **WO 2004/044822** (13) A2

(21) PCT/US2003/035553

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/424,477 **7 Nov/nov 2002 (07.11.2002)** US

(30) 60/457,742 **26 Mar/mar 2003 (26.03.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TIME-OF-TRANSACTION FOREIGN CURRENCY CONVERSION**

• **CONVERSION DE MONNAIE ETRANGERE AU TAUX DU MOMENT**

(71) **PLANET GROUP, INC.** [US/US]; 670 Long Beach Boulevard, Long Beach, NY 11561 (US).

(72) **BECK, Philip, D.**; 188 Fairway Road, Lido Beach, NY 11561 (US). **NOBLETT, Paul**; 441 Lido Drive, Ft. Lauderdale, FL 33301 (US). **MCCORMACK, Mike**; 1305 Avila Drive, Fort Lauderdale, FL 33316 (US).

(74) **BROWNSTONE, Daniel, R. et al. / etc.**; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06K

(11) WO 2004/044823 (13) A2

(21) PCT/US2003/035554

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,213 7 Nov/nov 2002 US (07.11.2002)

(30) 60/478,219 12 Jun/juin 2003 US (12.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CLUSTERING APPEARANCES OF OBJECTS UNDER VARYING ILLUMINATION CONDITIONS

• REGROUPEMENT D'ASPECTS D'OBJETS EXPOSES A DES CONDITIONS D'ECLAIRAGE VARIABLES

(71) HONDA MOTOR CO., LTD. [JP/JP]; 1-1, 2-Chome Minamiaoyama, Minato-Ku, Tokyo 107-8556 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YANG, Ming-Hsuan [—/US]; 800 California Street, Mountain View, CA 94041 (US). HO, Jeffrey [US/US]; 7576 Charmant, #133, San Diego, CA 92122 (US).

(74) MCNELIS, John, T. et al. / etc.; Fenwick & West LLP, Silicon Valley Center, 801 California Street, Mountain View, CA 94041 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06K

(11) WO 2004/044824 (13) A2

(21) PCT/US2003/036221

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/424,760 12 Nov/nov 2002 US (12.11.2002)

(30) 10/624,399 21 Jul/juil 2003 US (21.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A SYSTEM OF SAMPLE MEDIUM CARRIERS WITH BUILT-IN MEMORY ELEMENTS AND INFORMATION

INPUT/OUTPUT STATION FOR THE CARRIERS

• SYSTEME DE SUPPORTS DE PLAQUES D'ECHANTILLONS DOTES D'ELEMENTS MEMOIRE INTEGRES ET STATION ENTREE/SORTIE DE DONNEES DESTINEE AUX SUPPORTS

(71) AUTOMATED BIOTECHNOLOGY, INC. [US/US]; 1045 Lassen Drive, Menlo Park, CA 94025 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MORDEKHAY, Vladimir [US/US]; 1045 Lassen Drive, Menlo Park, CA 94025 (US).

(74) BALTER, Valentin; 1045 Lassen Drive, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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).

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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 G06K 7/00

(11) WO 2004/044825 (13) A1

(21) PCT/US2003/034602

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 10/288,945 6 Nov/nov 2002 US (06.11.2002)

(30) 60/427,977 20 Nov/nov 2002 US (20.11.2002)

(30) 10/302,658 22 Nov/nov 2002 US (22.11.2002)

(30) 10/394,914 21 Mar/mar 2003 US (21.03.2003)

(30) 10/611,563 30 Jun/juin 2003 US (30.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A TRANSPARENT TRANSACTION CARD

• CARTE DE TRANSACTIONS TRANSPARENTE

(71) AMERICAN EXPRESS TRAVEL RELATED SERVICES COMPANY, INC. [US/US]; American Express Tower, World Financial Center, New York City, NY 10285-4900 (US).

(72) BERARDI, Michael, J.; 770 NW 50th Street #306, Ft. Lauderdale, FL 33351 (US). BLIMAN, Michael; 4 Dogwood Circle, Matawan, NJ 07747 (US). BONALLE, David, S.; 77 Rose Hill Avenue, New Rochelle, NY 10804 (US). ELWOOD, Jennifer, Anne; 245 East 84th Street #3E, New York City, NY 10028 (US). HOOD, Matthew, C.; 1112 Lafayette Road, Wayne, PA 19087 (US). ISENBERG, Susan, E.; 201 West 74th #12H, New York City, NY 10023 (US). MALNATI, Leigh; 111 Morris Avenue, Mountain Lakes, NJ 07046 (US). MAYERS, Alexandra; 49 Grove Street #5A, New York City, NY 10014 (US). MUELLER, Sue; 40306 North Third Avenue, Phoenix, AZ 85086 (US). NORCROSS, Zarita; 4641 West Mariposa Grande, Glendale, AZ 85310 (US). SAUNDERS, Peter, D.; 3710 East Palisade Drive, Salt Lake City, UT 84109 (US). SCHEDING, Kathryn, D.; 220 East 54th Street #6J, New York City, NY 10022 (US). SHAH, Sejal, Ajit; 30 West 63rd #21E, New York City, NY 10023 (US). SKILLING-BELMOND, Lisa; 309 West 57th Street, New York City, NY 10019 (US). VANDER EYK, Becky; 77 Park Avenue #427, Hoboken, NJ 07030 (US). WILLIAMSON, John, R.; 302 Pavonia Avenue, Jersey City, NJ 07302 (US).

(74) SOBELMAN, Howard, I.; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06K 9/00

(11) WO 2004/044826 (13) A1

(21) PCT/FR2003/003271

(22) 3 Nov/nov 2003 (03.11.2003)

(25) fr (26) fr

(30) 02/14030 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR IDENTIFICATION OF A PERSON BY RECOGNITION OF A DIGITAL FINGERPRINT

• PROCEDE D'IDENTIFICATION D'UNE PERSONNE PAR RECONNAISSANCE D'EMPREINTE DIGITALE

(71) SAGEM SA [FR/FR]; Le Ponant de Paris, 27, rue Leblanc, F-75015 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) COVA, Jean-François [FR/FR]; 42, rue Bouret, F-75019 Paris (FR). CHEVALIER, Frédéric [FR/FR]; 4, sente des Lys, F-78480 Verneuil sur Seine (FR).

(74) GORREE, Jean-Michel et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO 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 G06K 9/00, G01R 29/14, G01B 7/00

(11) WO 2004/044827 (13) A1

(21) PCT/IB2003/004823

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 0226404.2 12 Nov/nov 2002 GB (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CAPACITIVE OBJECT SENSOR

• CAPTEUR CAPACITIF D'UN OBJET

(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 BERKEL, Cornelis [NL/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) SHARROCK, Daniel, J.; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ

BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ G06K 9/00

(11) WO 2004/044828 (13) A1

(21) PCT/US2003/030925

(22) 25 Sep/sep 2003 (25.09.2003)

(25) en (26) en

(30) 10/291,955 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR MOBILE BIOMETRIC AUTHENTICATION

• SYSTEME ET PROCEDE D'AUTHENTIFICATION BIOMETRIQUE AU MOYEN D'UN DISPOSITIF MOBILE

(71) SYMBOL TECHNOLOGIES, INC. [US/US]; One Symbol Plaza, Holtsville, NY 11742 (US).

(72) VOLLKOMMER, Richard, M.; 316 Devon Lane, Smithtown, NY 11787 (US). WILLINS, Bruce, A.; 11 Findley Drive, East Northport, NY 11731 (US). CARLSON, Bradley; 43 Jefferson Avenue, Northport, NY 11768 (US). STRAT, Askold; 12 Hillside Road, Sound Beach, NY 11789 (US).

(74) KAPLUN, Oleg, F. et al. / etc.; Fay Kaplun & Marcin, LLP, Suite 702, 150 Broadway, New York, NY 10038 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 G06K 9/00, A01K 61/00, 11/00

(11) WO 2004/044829 (13) A1

(21) PCT/US2003/035581

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,917 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM FOR UNIQUELY IDENTIFYING SUBJECTS FROM A TARGET POPULATION

• SYSTEME POUR IDENTIFIER DE FAÇON UNIVOQUE DES SUJETS PRIS DANS UNE POPULATION CIBLE

(71) DATA FLOW / ALASKA, INC. [US/US]; 800 E. Dimond Blvd., Suite 3-450, Anchorage, AK 99515-2059 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SKVORC, II, Paul, A. [US/US]; P. O. Box 870503, Wasilla, AK 99687 (US).

(74) GRAZIANO, James, M. et al. / etc.; Patton Boggs LLP, 1660 Lincoln Street, Suite 2050, Denver, CO 80264 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(t) for all designations / pour toutes les désignations

(51)⁷ G06K 9/36, 9/00, H04B 1/66, H04N 5/225

(11) WO 2004/044830 (13) A1

(21) PCT/IB2003/005009

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/293,976 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REGION-OF-INTEREST TRACKING METHOD AND DEVICE FOR WAVELET-BASED VIDEO CODING

• PROCEDE DE POURSUITE DE REGION D'INTERET ET DISPOSITIF DE CODAGE VIDEO BASE SUR DES ONDETTES

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(71) NOKIA INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US). (only for / seulement pour LC)

(72) MILED, Mohamed Khames Ben Hadji; 723 Bennington Street, Apt. 2, East Boston, MA 02128 (US). CHEBIL, Fehmi; 4127 W. Northgate Drive, #1303, Irving, TX 75062 (US).

(74) MAGUIRE, Francis, J. et al. / etc.; Ware, Fressola, Van Der Sluys & Adolphson LLP,

755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(51)⁷ G06K 9/36, G01C 3/08

(11) WO 2004/044831 (13) A1

(21) PCT/US2003/035128

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/288,062 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR BUMP HEIGHT MEASUREMENT

• SYSTEME ET PROCEDE DE ME-SURE DE HAUTEUR DE PLOTS DE CONTACT

(71) SEMICONDUCTOR TECHNOLOGIES & INSTRUMENTS, INC. [US/US]; 2710 E. President George Bush Highway, Plano, TX 75074 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BROWN, Gerald [US/US]; 200 Cheek Sparger Road, Colleyville, TX 76034 (US).
GOEDEKEN, Richard [US/US]; 333 Preston Wood Drive, #1810, Richardson, TX 75081 (US).
HARRIS, Charles [US/US]; 9434 Hildale Drive, Dallas, TX 75231 (US).
HAK, Chuah, Sim [SG/US]; 2842 Beltline Road, Apt. 394, Garland, TX 75044 (US).
WAHAWISAN, Weerakiat [US/—]; 2711 Wentwood Drive E., Carrollton, TX 75007 (US).

(74) ROURK, Christopher, J.; Akin Gump Strauss Hauer & Feld, L.L.P., P.O. Box 688, Dallas, TX 75313-0688 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ G06K 19/06, 7/12

(11) WO 2004/044832 (13) A1

(21) PCT/DE2003/003353

(22) 9 Oct/oct 2003 (09.10.2003)

(25) de (26) de

(30) 102 52 628.1 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR ENCODING ITEMS OF INFORMATION AND A DEVICE AND METHOD FOR EVALUATING THE EN-CODED INFORMATION

• PROCEDE DE CODAGE D'INFORMA-TIONS ET DISPOSITIF ET PROCEDES D'EVALUATION DES INFORMATIONS CODEES

(71) FORSCHUNGSZENTRUM JÜLICH GMBH [DE/DE]; Wilhelm-Johnen-Strasse, 52425 Jülich (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MENNICKEN, Guido [DE/DE]; Klosenkampstr. 3, 52428 Jülich (DE).
VERECKEN, Harry [BE/DE]; Kaspar-sweg 22, 52428 Jülich (DE).

(74) FORSCHUNGSZENTRUM JÜLICH GMBH; Fachbereich Patente, 52425 Jülich (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ G06K 19/073, G06F 12/14, G06K 19/077

(11) WO 2004/044833 (13) A1

(21) PCT/EP2003/012524

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 52 352.5 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHIP MODULE FOR A CHIP CARD

• MODULE PUCE D'UNE CARTE A PUCE

(71) GIESECKE & DEVRIENT GMBH [DE/DE]; Prinzregentenstrasse 159, 81667 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WEIKMANN, Franz [DE/DE]; Einste-instrasse 131, 81675 München (DE).

(74) KLUNKER, F.; KLUNKER, SCHMITT-NILSON, HIRSCH, Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06K 19/077, H01L 23/498, 23/495

(11) WO 2004/044834 (13) A1

(21) PCT/IB2003/004913

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 02102557.2 12 Nov/nov 2002 EP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DATA CARRIER WITH A MODULE WITH A REINFORCEMENT STRIP

• SUPPORT DE DONNEES CONSIS-TANT EN UN MODULE POURVU D'UNE BANDE DE RENFORCEMENT

(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) FRITZ, Reinhard [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).
SCHMAL-LEGGIER, Peter [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).
AKKAHADSI, Somnuk [AT/AT]; Triester Strasse 64, A-1101 Vienna (AT).

(74) WEBER, Helmut; Philips Intellectual Prop-erty & Standards, Triester Strasse 64, A-1101 Vienna (AT).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06K 19/077, G09F 3/00, G06K 19/04

(11) WO 2004/044835 (13) A1

(21) PCT/US2003/036030

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,061 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IDENTIFICATION DEVICE HAVING AN INTEGRATED CIRCUIT

- DISPOSITIF D'IDENTIFICATION POUR UN CIRCUIT INTEGRE
- (63) US 10/293,061 (CIP)
13 Nov/nov 2002 (13.11.2002)
- (71) EDWARDS SYSTEMS TECHNOLOGY, INC. [US/US]; 90 Fieldstone Court, Cheshire, CT 06410 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZERCHER, John, M. [US/US]; 490 Kinderhook Road, Columbia, PA 17512 (US).
- (74) SHEEHAN, Kenneth, J. et al. / etc.; Baker & Hostetler LLP, Washington Square, Suite 1100, 1050 Connecticut Avenue, NW, Washington, DC 20036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ G06K 19/10, B42D 15/10
- (11) WO 2004/044836 (13) A1
- (21) PCT/SE2003/001762
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) sv (26) en
- (30) 0203352-0 13 Nov/nov 2002 SE
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A METHOD AT THE PRODUCTION OF AN IDENTITY CARD OR SIMILAR, AND AN ARRANGEMENT AT THE PRODUCTION OF SUCH A CARD.
- PROCEDE DE PRODUCTION D'UNE CARTE D'IDENTITE OU EQUIVALENT, ET SYSTEME DE PRODUCTION D'UNE TELLE CARTE
- (71) SNABBFOTO INVEST AB [SE/SE]; Box 634, S-135 26 Tyresö (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BRODIN, Peter [SE/SE]; Örtvägen 2, S-182 56 Danderyd (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ G06N 3/00
- (11) WO 2004/044837 (13) A1
- (21) PCT/DE2002/004172
- (22) 11 Nov/nov 2002 (11.11.2002)
- (25) de (26) de
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DETERMINATION AND CONTROL OF THE ACTIVITIES OF AN EMOTIONAL SYSTEM
- DÉTERMINATION ET COMMANDE DES ACTIVITÉS D'UN SYSTÈME ÉMOTIONNEL
- (71, 72) SCHURMANN, Alfred [DE/DE]; Würmersheimer Strasse 21, 76448 Durmersheim (DE).
- (81) DE GB US.
- Declaration / Déclaration :
(u) for / pour US only / seulement
-
- (51)⁷ G06N 3/00
- (11) WO 2004/044838 (13) A2
- (21) PCT/US2003/035736
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 10/290,554 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • COMPUTER SYSTEM AND METHODS FOR PRODUCING MORPHOGEN ANALOGS OF HUMAN TDF-1
- SYSTEME INFORMATIQUE ET PROCÉDES DE PRODUCTION D'ANALOGUES MORPHOGENIQUES DU FACTEUR TDF-1 HUMAIN
- (63) US 10/290,554 (CIP)
8 Nov/nov 2002 (08.11.2002)
- (71) THRASOS, INC. [US/US]; 95 Sawyer Road, Suite 130, Waltham, MA 02453 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CARLSON, William, D. [US/US]; 40 Black Oak Road, Weston, MA 02493 (US).
KECK, Peter [US/US]; Dolan Road, Millbury, MA 01527 (US).
- (74) ELRIFI, Ivor, R.; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06N 3/12
- (11) WO 2004/044839 (13) A2
- (21) PCT/US2002/038216
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (30) 60/424,715 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PREDICTION OF ESTROGEN RECEPTOR STATUS OF BREST TUMORS USING BINARY PREDICTION TREE MODELING
- PREDICTION DE L'ETAT DU RECEPTEUR DES OESTROGENES DE TUMEURS MAMMAIRES AU MOYEN DE MODELISATION D'ARBRE DE PREDICTION BINAIRE
- (71) DUKE UNIVERSITY [US/US]; University Office of Science and Technology, Davidson Building, Room 454, DUMC 3664, Durham, NC 27710 (US).
- (72) WEST, Mike; Beaver Pl., Durham, NC 27705 (US).
NEVIUS, Joseph; 100 York Place, Chapel Hill, NC 27514 (US).
- (74) SITLANI, Sanjay; Ropes & Gray, 1900 K Street, NW, Suite 750, Washington, DC 20006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (i)
-
- (51)⁷ G06N 5/04
- (11) WO 2004/044840 (13) A1
- (21) PCT/AU2003/001524
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 2002952648 14 Nov/nov 2002 AU
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FORWARD-CHAINING INFERENCE
- INFERENCE DE CHAINAGE AVANT
- (71) SOFTLAW CORPORATION LIMITED [AU/AU]; Cnr National Circuit & Bligh Street, BARTON, Australian Capital Territory 2600 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BARRY, Andrew [AU/AU]; Cnr National Circuit & Bligh Street, BARTON, Australian Capital Territory 2600 (AU).
- (74) RAINEY, DAVID; PIZZEYS, PO Box 291, WODEN, Australian Capital Territory 2606 (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 EG ES FI GB GD GE GH

- GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ G06T
- (11) WO 2004/044841 (13) A2
- (21) PCT/US2003/035108
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) en (26) en
- (30) 10/289,592 7 Nov/nov 2002 US (07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR ON-LINE MACHINE VISION MEASUREMENT, MONITORING AND CONTROL OF PRODUCT FEATURES DURING ON-LINE MANUFACTURING PROCESSES
- PROCEDE PERMETTANT DE REGULER, DE CONTROLER ET DE MESURER PAR VISION ROBOTIQUE EN LIGNE LA CONCENTRATION D'ENROBAGE ET LA COUVERTURE D'ENROBAGE DANS DES PROCESUS DE TRAITEMENT DE PRODUITS ALIMENTAIRES
- (71) MCMASTER UNIVERSITY [CA/CA]; 1280 Main Street West, Hamilton, Ontario L8S 4L8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BOURG, Wilfred, M., Jr. [US/US]; 4219 County Road 277, Melissa, TX 75454 (US). BRESNAHAN, Steven, A. [US/US]; 8108 Hazeltine Drive, Plano, TX 75025 (US). HAARSMA, Gabe, Jan [NL/US]; 5550 N. Braeswood Blvd. #46, Houston, TX 77096 (US). MACGREGOR, John, F. [CA/CA]; 18 Cayley Court, Dundas, Ontario L9H 6W5 (CA). MARTIN, Paul, Allan [US/US]; 6649 Oak Hill Lane, Celina, TX 75009 (US). YU, Honglu [CN/CA]; 89 Sussex Street, Hamilton, Ontario L8S 2E2 (CA).
- (74) CAHOON, Colin, P.; Carstens, Yee & Cahoon, L.L.P. P.O. Box 802334, Dallas, TX 75380 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044843 (13) A2
- (21) PCT/US2003/035577
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG 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 G06T
- (11) WO 2004/044842 (13) A2
- (21) PCT/US2003/035512
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/291,989 11 Nov/nov 2002 US (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR NONLINEAR MULTIPLE MOTION MODEL AND MOVING BOUNDARY EXTRACTION
- PROCEDE ET APPAREIL FAISANT INTERVENIR UN MODELE DE MOUVEMENTS MULTIPLES NON LINEAIRE POUR L'EXTRACTION DE FRONTIERE MOBILE
- (71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
- (72) PANICONI, MARCO; 1845 So. Bascom Avenue, #18B, Campbell, CA 95008 (US). CARRIG, James, J., Jr.; 1652 Hicks Avenue, San Jose, CA 95125 (US).
- (74) SALTER, James, H. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 12400 Wilshire Blvd, 7th Floor, Los Angeles, CA 90025-1026 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06T 1/00, 15/10, B41M 3/12
- (11) WO 2004/044844 (13) A1
- (21) PCT/US2003/027641
- (22) 4 Sep/sep 2003 (04.09.2003)
- (25) en (26) en
- (30) 60/424,036 5 Nov/nov 2002 US (05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MULTI-LINGUAL DISPLAY APPARATUS AND METHOD
- APPAREIL ET PROCEDE D'AFFICHAGE MULTILINGUE
- (71, 72) MCDAVID, Louis, C., III [US/US]; 106 Harrishof Street, Boston, MA 02121 (US).
- (74) COLLINS, Alik, K., Ph., D.; AKC Patents, 215 Grove Street, Newton, MA 02466 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G06T 5/00, 7/40, G06F 19/00

(11) WO 2004/044845 (13) A2

(21) PCT/GB2003/004841

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0226331.7 12 Nov/nov 2002 GB
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMAGE ANALYSIS
• ANALYSE D'IMAGE(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) HADDON, John, Francis [GB/GB];
QinetiQ Limited, Cody Technology Park, Rm
1010 Building A9, Ively Road, Farnborough,
Hants GU14 0LX (GB). WATSON, Sharon,
Katrina [GB/GB]; QinetiQ Limited, Cody
Technology Park, Rm 1010 Building A9,
Ively Road, Farnborough, Hants GU14 0LX
(GB).(74) OBEE, Robert, William; IP QinetiQ For-
malities, Cody Technology Park, A4 Build-
ing, Room G016, Ively Road, Farnborough,
Hampshire GU14 0LX (GB).(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 G06T 5/00

(11) WO 2004/044846 (13) A2

(21) PCT/IB2003/004827

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 10/294,406 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD OF AND SYSTEM FOR
DETECTING UNIFORM COLOR SEG-
MENTS
• PROCEDE ET SYSTEME DE DETEC-
TION DE SEGMENTS DE COULEURS
UNIFORMES(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).(71) U.S. PHILIPS CORPORATION [US/US];
1251 Avenue of the Americas, New York, NY
10020 (US).
(only for / seulement pour AE)(72) JASINSCHI, Radu, Serban; P.O. Box
3001, Briarcliff Manor, NY 10510-8001
(US). DIMITROVA, Nevenka; P.O. Box
3001, Briarcliff Manor, NY 10510-8001
(US). AGNIHOTRI, Lalitha; P.O. Box
3001, Briarcliff Manor, NY 10510-8001
(US).(74) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V.; c/o VODOPIA, John, P.O. Box
3001, Briarcliff Manor, NY 10510-8001
(US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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).

Declaration / Déclaration :

(s) for all designations / pour toutes les
désignations(51)⁷ G06T 5/50, A61B 19/00

(11) WO 2004/044847 (13) A1

(21) PCT/IB2003/005051

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 02292817.0 13 Nov/nov 2002 EP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MEDICAL VIEWING SYSTEM AND
METHOD FOR DETECTING BOUND-
ARY STRUCTURES
• SYSTEME D'OBSERVATION MEDI-
CALE ET PROCEDE POUR DETECTER
DES STRUCTURES DE DELIMITA-
TION(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 Eindhoven (NL).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) FLORENT, Raoul [FR/FR]; 156 Boul-
evard Haussmann, F-75008 Paris (FR). NOS-
JEAN, Lucile [FR/FR]; 156 Boulevard
Haussmann, F-75008 Paris (FR). LELONG,
Pierre [FR/FR]; 156 Boulevard Haussmann,
F-75008 Paris (FR).(74) LOTTIN, Claudine; Société Civile SPID,
156 Boulevard Haussmann, F-75008 Paris
(FR).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 DEDK EE ES FI FR GB GR HU IE IT LU MC
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 EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP 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 G06T 11/00, A61B 6/03

(11) WO 2004/044848 (13) A1

(21) PCT/IB2003/004749

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 102 52 662.1 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPUTED TOMOGRAPHY AND
METHOD WITH THREE-DIMEN-
SIONAL BACKPROJECTION• PROCEDE DE TOMOGRAPHIE INFOR-
MATISEE PRESENTANT UNE DIFFU-
SION COHERENTE ET TOMOGRAPHIE
INFORMATISE(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
NL-5621 BA Eindhoven (NL).
(only for / seulement pour AE AG AL AM AT
AU AZ BA BB BE BG BR BY BZ CA CH CN
CO CR CU CY CZ DK DM DZ EC EE EG ES
FI FR GB GD GE GH GM GR HR HU ID IL
IN IS JP 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 SZ TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW)(72, 75) SCHLOMKA, Jens-Peter [DE/DE];
c/o Philips Intellectual Property & Standards
GmbH, Weisshausstr. 2, 52066 Aachen
(DE). GRAß, Michael [DE/DE]; c/o Philips
Intellectual Property & Standards GmbH,
Weisshausstr. 2, 52066 Aachen (DE).(74) VOLMER, Georg; Philips Intellectual Prop-
erty & Standards GmbH, Weisshausstr. 2,
52066 Aachen (DE).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G06T 11/00

(11) WO 2004/044849 (13) A1

(21) PCT/IB2003/004952

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 102 52 661.3 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR EXACT CONE BEAM COMPUTED TOMOGRAPHY

• PROCEDE ET APPAREIL POUR TOMOGRAPHIE CALCULEE A FAISCEAU EXACTEMENT CONIQUE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) BONTUS, Claas [DE/DE]; Philips Intellectual Property & Standards GmbH, Weiss-shausstr. 2, 52066 Aachen (DE). KÖHLER, Thomas [DE/DE]; Philips Intellectual Property & Standards GmbH, Weiss-shausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weiss-shausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06T 11/40, G01J 3/46

(11) WO 2004/044850 (13) A1

(21) PCT/US2003/030756

(22) 29 Sep/sep 2003 (29.09.2003)

(25) en (26) en

(30) 10/065,705 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRONIC DISPLAY OF AUTOMOTIVE COLORS

• AFFICHAGE ELECTRONIQUE DE COULEURS DE PEINTURE AUTOMOBILE

(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) MC CLANAHAN, Craig [US/US]; 1600 Cedar, Bowling Green, OH 43402 (US).

(74) SABOURIN, Anne, Gerry et al. / etc.; BASF Corporation, 26701 Telegraph Road, Southfield, MI 48034-2442 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(t) for all designations / pour toutes les désignations

(51)⁷ G07C 9/00, G06K 9/00, G06F 1/00

(11) WO 2004/044851 (13) A1

(21) PCT/IB2003/004895

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 02102558.0 12 Nov/nov 2002 EP (12.11.2002)

(30) 03100282.7 11 Feb/fév 2003 EP (11.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR INCLUDING USE-ENABLING MEANS FOR ENABLING THE DEVICE TO BE USED IN DEPENDENCE ON A GESTURE RECOGNITION

• DISPOSITIF CONCU POUR COMPRENDRE DES MOYENS SERVANT A PERMETTRE D'UTILISER CE DISPOSITIF EN FONCTION D'UNE RECONNAISSANCE DE GESTE

(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) CASS, John [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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G07D

(11) WO 2004/044852 (13) A2

(21) PCT/US2003/035863

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,279 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SECURE POINT OF SALE IMAGE-ABLE SUBSTRATE

• SUBSTRAT POUVANT ETRE IMAGE SUR UN POINT DE VENTE

(71) APPLETON, Papers, Inc. [US/US]; 825 E. Wisconsin Avenue, P O Box 359, Appleton WI 54912-0359 (US).

(72) KALISHEK, Robert, John; 3410 W. Capitol Drive, Appleton WI 54914 (US).

(74) MIELIULIS, Benjamin; Law Department, Appleton Papers Inc., 1400 N. Rankin Street, P O Box 359, Appleton, WI 54912-0359 (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 G07D 3/12

(11) WO 2004/044853 (13) A1

(21) PCT/US2003/034320

(22) 30 Oct/oct 2003 (30.10.2003)

(25) en (26) en

(30) 60/424,523 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STATIONARY HEAD FOR A DISC-TYPE COIN PROCESSING DEVICE HAVING A SOLID LUBRICANT DISPOSED THEREON

• TETE FIXE POUR DISPOSITIF DE TRAITEMENT DE PIECES A DISQUE SUR LEQUEL EST APPLIQUE UN LUBRIFIANT SOLIDE

(71) CUMMINS-ALLISON CORP. [US/US]; 891 FEEHANVILLE DRIVE, MOUNT PROSPECT, IL 60056 (US).

(72) KOWALCZYK, Bogdan; 316 CHESAPEAKE COURT, BLOOMINGDALE, IL 60108 (US). FLADELAND, Mark, A.; 551 Thomas Road, Bolingbrook, IL 60440 (US).

(74) RUDISILL, Stephen, G. et al. / etc.; JENKENS & GILCHRIST, 225 West Washington Street, Suite 2600, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ G07F 7/08, 19/00

(11) WO 2004/044854 (13) A1

(21) PCT/IB2003/005017

(22) 8 Nov/nov 2003 (08.11.2003)

(25) en (26) en

(30) 2002/9128 11 Nov/nov 2002 ZA
(11.11.2002)

(30) 2003/0500 20 Jan/jan 2003 ZA
(20.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VOUCHER OR TOKEN BASED PAY-
MENT SYSTEM

• SYSTEME DE PAIEMENT BASE SUR
UN BON D'ECHANGE OU UN JETON

(71) MVP TECHNOLOGIES (PROPRI-
ETARY) LIMITED [ZA/ZA]; 7 Gen
Wynand Malan Street, Welgelegen, Parow,
Cape Town, 8001 Western Cape Province
(ZA).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) TAYLOR, Donald, Michael [ZA/ZA];
3 Alphen Lane, Dalsig, Stellenbosch, 7600
Western Cape Province (ZA).

(74) VON SEIDEL, Michael; Jan S De Villiers,
P.O. Box 1008, Stellenbosch, 7599 Western
Cape Province (ZA).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU

MC 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 G07G 5/00, B41J 5/44, 5/46, 29/40

(11) WO 2004/044855 (13) A1

(21) PCT/US2002/035708

(22) 6 Nov/nov 2002 (06.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • PREDEFINED FIELD COMMAND
STRUCTURE FOR POINT OF SALE
PRINTER

• STRUCTURE DE COMMANDE DE
CHAMP PREDEFINIE POUR IMPRI-
MANTE DE POINT DE VENTE

(71) AXIOHM TRANSACTION SOLU-
TIONS, INC. [US/US]; 950 Danby Road,
Ithaca, NY 14850 (US).

(72) CAMPBELL, Terrence, J.; 45 Highgate
Circle, Ithaca, NY 14850 (US). KOBZIAR,
Andrew; 108 Northview Road, Ithaca,
NY 14850 (US). NYE, Andrew, B., III;
3776 Highland Avenue, Skaneateles, NY
13152 (US). TARBOTTON, John, E.; 2765
N.Triphammer Rd., Ithaca, NY 14850 (US).

(74) MCGUIRE, George, R.; Hancock & Es-
tabrook, LLP, 1500 Mony Tower I, P.O. Box
4976, Syracuse, NY 13221-4976 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B

(11) WO 2004/044856 (13) A2

(21) PCT/US2003/032771

(22) 14 Oct/oct 2003 (14.10.2003)

(25) en (26) en

(30) 10/290,026 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ALARM SYSTEM ARMED AND DIS-
ARMED BY A DOOR CONTACT

• SYSTEME D'ALARME ENCLENCHE
ET DESENCLENCHE PAR UN
CONTACT DE PORTE

(71) NAPCO SECURITY SYSTEMS, INC.
[US/US]; 333 Bayview Avenue, Amityville,
NY 11701 (US).

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les États désignés sauf US)

(72, 75) SOLOWAY, Richard, L. [US/US]; 333
Bayview Avenue, Amityville, NY 11701
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333 Bayview Avenue, Amityville, NY 11701
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(74) MUGNO, John, R.; Law Offices of John
R. Mugno, 350 Broadway, 10th Floor, New
York, NY 10013 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G08B

(11) WO 2004/044857 (13) A2

(21) PCT/US2003/035595

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/423,962 6 Nov/nov 2002 US
(06.11.2002)

(30) 60/456,372 21 Mar/mar 2003 US
(21.03.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INFORMATION TAG

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(71) KIDTAGZ, LLC [US/US]; 32427 Angler
Park, Conroe, TX 77385 (US).

(72) STONEHOCKER, Shaazia; 32427 Angler
Park, Conroe, TX 77385 (US).

(74) BAKKER, Jila; Fulbright & Jaworski
L.L.P., 1301 McKinney, Suite 5100, Hous-
ton, TX 77010-3095 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT 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 G08B 1/08, G01W 1/00, H04B 7/185,
H04N 7/18, 11/00

(11) WO 2004/044858 (13) A1

(21) PCT/US2003/026649

(22) 25 Aug/août 2003 (25.08.2003)

(25) en (26) en

(30) 60/425,611 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WEATHER/DISASTER ALERT SYSTEM USING A DATA NETWORK

- SYSTEME D'ALERTE RELATIVE AU TEMPS/A UNE CATASTROPHE FAISANT APPEL A UN RESEAU DE DONNEES

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai A. le Gallo, F-92648 Boulogne (FR).
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(72, 75) PUGEL, Michael, Anthony [US/US]; 20925 Creek Road, Noblesville, IN 46060 (US). VIRAG, David, Emery [US/US]; 7485 Cherry Hill Drive, Indianapolis, IN 46254 (US).

(74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thomson Licensing Inc., 2 Independence Way, Suite 200, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 G08B 3/10, 7/06

(11) WO 2004/044859 (13) A1

(21) PCT/GB2003/004979

(22) 14 Nov/nov 2003 (14.11.2003)

(25) en (26) en

(30) 0226687.2 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WARNING UNIT
• AVERTISSEUR

(71) WILSON, Gary, Michael [GB/GB]; 67 London Road, Rainham, Kent, ME8 7RH (GB).

(72, 75) WILSON, Paul, Andrew [GB/GB]; 19 Osborne Avenue, Hockley, Essex SS5 4UJ (GB).

(74) GIBSON, Stewart, Harry; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF24 0AA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 21/00, B63B 49/00

(11) WO 2004/044860 (13) A1

(21) PCT/JP2002/011850

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • INUNDATION ALARM

- ALARME CONTRE LES INONDATIONS

(71) SEAMATE INC. [JP/JP]; 1-4-20, Nakahiromachi, Nishi-ku, Hiroshima-shi, Hiroshima 733-0012 (JP).

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(72, 75) FUMITA, Kuniharu [JP/JP]; c/o Seamate Inc., 1-4-20, Nakahiromachi, Nishi-ku, Hiroshima-shi, Hiroshima 733-0012 (JP).

(74) YOSHIMURA, Naoki; 3rd, Sakai Bldg., 1-15-10, Higashikanda, Chiyoda-ku, Tokyo 101-0031 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08B 21/06, B60H 3/00 // A61B 5/00

(11) WO 2004/044861 (13) A1

(21) PCT/GB2002/005115

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • A VEHICLE INTERIOR AIR TREATMENT APPARATUS

- APPAREIL DE TRAITEMENT DE L'AIR POUR HABITACLE DE VEHICULE

(71, 72) COLLIP, Hannah [GB/GB]; 13 Park Dingle, Wyre Hill, Bewdley, Worcestershire DY12 2JY (GB).

(74) CROSTON, David et al. / etc.; Withers and Rogers, Goldings House, 2 Hays Lane, London SE1 2HW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08C 17/02

(11) WO 2004/044862 (13) A1

(21) PCT/KR2003/002417

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ko (26) en

(30) 10-2002-0070115 12 Nov/nov 2002 KR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUTOMATIC METER READING SYSTEM USING SATELLITE COMMUNICATION NETWORK

- SYSTEME DE RELEVÉ DE COMPTEUR AUTOMATIQUE UTILISANT UN RESEAU DE COMMUNICATION SATELLITAIRE

(71) BLUEMAX COMMUNICATION CO., LTD. [KR/KR]; 4th Floor, Ildong Pharmaceutical Bldg., 60, Yangje-dong, Seocho-gu, 137-130 Seoul (KR).

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(72, 75) KIM, Hong-Won [KR/KR]; 150-76, Junggok 4-dong, Gwangjin-gu, 143-895 Seoul (KR).

(74) GAM, Dong-Hoon et al. / etc.; No.201, New Seoul Building, 828-8, Yeoksam-dong, Kangnam-gu, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G08C 19/28

(11) WO 2004/044863 (13) A1

(21) PCT/IB2003/005073

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02/14093 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR SECURING THE RECORDING MODE OF A HOME AUTOMATION DEVICE

- PROCEDE DE SECURISATION DU MODE D'ENREGISTREMENT D'UN DISPOSITIF DOMOTIQUE

(71) SOMFY [FR/FR]; 50, Avenue du Nouveau Monde, F-74300 Cluses (FR).
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(72, 75) BEJEAN, Alain [FR/FR]; Le Crêt du Vernet, F-74450 Grussy (FR).

(74) MEYLAN, Robert, M. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G08G 1/00, E01C 1/02

(11) WO 2004/044864 (13) A1

(21) PCT/CN2003/000890

(22) 23 Oct/oct 2003 (23.10.2003)

(25) zh (26) zh

(30) 022585605 13 Nov/nov 2002 CN (13.11.2002)

(30) 022585613 13 Nov/nov 2002 CN (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A ROAD PREPARING SYSTEM AND A ROADWAY CONTROL LIGHT

• SYSTEME DE PREPARATION DE ROUTE ET FEUX DE COMMANDE ROUTIERS

(71, 72) NIE, Shijin [CN/CN]; Suite 205, NO.1463, Huangshan Road, Hefei, Anhui, Hefei 230088 (CN).

(74) BEIJING YUANZHONG INTELLECTUAL PROPERTY AGENT LTD.; Suite 1103, Prestige Tower No.2 Building, A-29 Beisanhuanzhong Road, Xicheng District, Beijing 100029 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G09F

(11) WO 2004/044865 (13) A2

(21) PCT/US2003/035401

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,739 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PRESSURE SENSITIVE MATERIAL

• MATIERE SENSIBLE A LA PRESSION

(71) LEATECH, LLC [US/US]; 4900A Meridian Way, #2, Frederick, MD 21703 (US).

(72) HAMNER, Marvin, P.; 4900A Meridian Way, #2, Frederick, MD 21703 (US). MULLIGAN, Robert, F.; 1298B Riverside Avenue, Baltimore, MD 21230 (US).

(74) LIEBERMAN, Rochelle; Lieberman & Brandsdorfer, LLC, 12221 McDonald Chapel Drive, Gaithersburg, MD 20878-2252 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F

(11) WO 2004/044866 (13) A2

(21) PCT/US2003/035617

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,311 7 Nov/nov 2002 US (07.11.2002)

(30) 10/303,903 26 Nov/nov 2002 US (26.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR PROVIDING ADVERTISING TO TELEPHONE CALLERS

• PROCEDE ET SYSTEME POUR FAIRE DE LA PUBLICITE AUPRES DE PERSONNES PASSANT DES APPELS TELEPHONIQUES

(71, 72) BOOKSTAFF, Blake [US/US]; 205 Mohican Street, Knoxville, TN 37919 (US).

(74) KERNER, Herbert, V. et al. / etc.; Hunton & Williams, LLP, 1900 K Street, N. W., Suite 1200, Washington, DC 20006-1109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G09F 1/06

(11) WO 2004/044867 (13) A1

(21) PCT/FR2003/003301

(22) 5 Nov/nov 2003 (05.11.2003)

(25) fr (26) fr

(30) 02/14109 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OBJECT DISPLAY DEVICE

• PRESENTOIR D'OBJETS

(71, 72) L'HOTEL, François [FR/FR]; 110 Avenue de la République, F-93170 Bagnolet (FR).

(74) BLOCH & ASSOCIES; 2, square de l'Avenue du Bois, F-75116 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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09F 3/02, 3/00

(11) WO 2004/044868 (13) A1

(21) PCT/EP2003/012091

(22) 30 Oct/oct 2003 (30.10.2003)

(25) de (26) de

(30) 102 53 096.3 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RETURNABLE PACKAGE, METHOD FOR THE PRODUCTION THEREOF AND METHOD FOR EMBODYING A RETURNABLE PACKAGE SYSTEM

• EMBALLAGE CONSIGNE, PROCEDE DE FABRICATION DE CET EMBALLAGE CONSIGNE ET PROCEDE DE REALISATION D'UN CIRCUIT DE CONSIGNE

(71) BUNDESDRUCKEREI GMBH [DE/DE]; Oranienstrasse 91, 10958 Berlin (DE).

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(72, 75) NIGGEMANN, Matthias [DE/DE]; Urbanstrasse 31, 10967 Berlin (DE).

MUTH, Oliver [DE/DE]; Sameiskystrasse 4, 12277 Berlin (DE). PAESCHKE, Manfred [DE/DE]; An der Wildbahn 61, 16352 Basdorf (DE). DEICHSEL, Andreas [DE/DE]; Pestalozzistrasse 68, 10627 Berlin (DE). SEIDEL, Rainer [DE/DE]; Veltheimstrasse 3, 13467 Berlin (DE). FRANZ-BURGHOLZ, Arnim [DE/DE]; Amselhainstrasse 26, 14612 Falkensee (DE). ZERBEL, Hans [DE/DE]; Am Kesselpfuhl 47, 13477 Berlin (DE). GRAMMLICH, Daniel [DE/DE]; Goethestrasse 20, 76135 Karlsruhe (DE). RAMUTA, Henrik [DE/DE]; Vogelbeerstrasse 23, 12489 Berlin (DE). DITSCHLER, Ferdinand [DE/DE]; Rathenower Strasse 31, 12305 Berlin (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 DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09F 3/02

(11) WO 2004/044869 (13) A1

(21) PCT/EP2003/012649

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 02090376.1 12 Nov/nov 2002 EP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR CHARACTERIZING AND VERIFYING PRODUCT AUTHENTICITY

• PROCEDE ET DISPOSITIF POUR CARACTERISER ET VERIFIER L'AUTHEENTICITE DE PRODUITS

(71) HAUNI MASCHINENBAU AG [DE/DE]; Kurt-A.-Körber-Chaussee 8-32, 21033 Hamburg (DE).

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(72, 75) GOSEBRUCH, Harald [DE/DE]; Bürgermeister-Urban-Strasse 11, 27283 Verden (DE). OVERATH, Matthias [DE/DE]; Von-Halem-Strasse 47, 21035 Hamburg (DE).

(74) WENZEL & KALKOFF; Grubessallee 26, 22143 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 3/02

(11) WO 2004/044870 (13) A1

(21) PCT/EP2003/012653

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 02090376.1 12 Nov/nov 2002 EP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OBJECT PROVIDED WITH AN INDIVIDUAL CHARACTERIZING SYSTEM ENABLING ITS IDENTIFICATION, AND METHODS AND DEVICES FOR CHARACTERIZING AND IDENTIFYING OBJECTS, IN PARTICULAR PACKAGES, LABELS OR THE LIKE

• OBJET DOTE D'UN SYSTEME DE CARACTERISATION INDIVIDUEL QUI PERMET SON IDENTIFICATION, ET PROCEDES ET DISPOSITIFS POUR CARACTERISER ET IDENTIFIER DES OBJETS, NOTAMMENT DES EMBALLAGES, DES ETIQUETTES OU ANALOGUES

(71) HAUNI MASCHINENBAU AG [DE/DE]; Kurt-A.-Körber-Chaussee 8-32, 21033 Hamburg (DE).

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(72, 75) GOSEBRUCH, Harald [DE/DE]; Bürgermeister-Urban-Strasse 11, 27283 Verden (DE). OVERATH, Matthias [DE/DE]; Von-Halem-Strasse 47, 21035 Hamburg (DE). DRABNER, Wolfgang [DE/DE]; Querkamp 22, 21521 Wohltorf (DE). VON BISMARCK, Gottfried [DE/DE]; Willisstrasse 19, 22299 Hamburg (DE).

(74) WENZEL & KALKOFF; Grubessallee 26, 22143 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09F 3/03, 3/14, B65D 63/10

(11) WO 2004/044871 (13) A1

(21) PCT/BR2003/000165

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) PI0204644-0 13 Nov/nov 2002 BR (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TIE-TYPE SECURITY SEAL

• INDICATEUR D'EFFRACTION DE TYPE CRAVATE

(71) ELC PRODUTOS DE SEGURANCA INDUSTRIA E COMERCIO LTDA. [BR/BR]; Rua São Luiz Gonzaga, 912, B-20910-060 Rio de Janeiro-RJ (BR).

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(72, 75) DE LIMA CASTRO, André [BR/BR]; Rua Othon Bezerra de Mello, 40, Horto, Rio de Janeiro (BR).

(74) DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA; Caixa Postal 2142, Rua Marquês de Olinda, 70, B-22251-040 Rio de Janeiro (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 3/08

(11) WO 2004/044872 (13) A2

(21) PCT/FR2003/003347

(22) 10 Nov/nov 2003 (10.11.2003)

(25) fr (26) fr

(30) 02/14094 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INFORMATION DISPLAY DEVICE

• DISPOSITIF DE PRESENTATION D'INFORMATIONS

(71) M G T LEAFLETS [FR/FR]; 11, rue Etienne Dolet, F-44000 Nantes (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MILHES, Stéphane [FR/FR]; 47, rue Félibien, F-44000 Nantes (FR). GAY, Didier [FR/FR]; 19, allée des Pélicans, F-44500 La Baule (FR).

(74) FOSSE, Danièle; Cabinet Brema, 78, avenue Raymond Poincaré, F-75116 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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).

(51)⁷ G09F 3/10, 3/02, B42D 5/02

(11) WO 2004/044873 (13) A1

(21) PCT/US2003/032018

(22) 9 Oct/oct 2003 (09.10.2003)

(25) en (26) en

(30) 10/293,037 13 Nov/nov 2002 US (13.11.2002)

(30) 10/635,876 5 Aug/août 2003 US (05.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF MAKING PRINTABLE FORMS COMPRISING STICKERS AND ARTICLES

- PROCEDE DE FABRICATION DE FORMES IMPRIMABLES, NOTAMMENT DES VIGNETTES AUTOCOLLANTES ET AUTRES ARTICLES
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **GINKEL, Scott, T.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **HARELSTAD, Ellen, R.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **RAJAN, Sundar, J.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **FISCHER, Carolyn, 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 NI NO NZ OM PG PH PL PT 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 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 **G09F 7/08, 7/18**
- (11) **WO 2004/044874** (13) A1
- (21) PCT/AU2003/001525
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) en (26) en
- (30) 2002952632 **13 Nov/nov 2002 AU (13.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MOUNTING FOR SHEET MATERIAL
• SYSTEME DE MONTAGE POUR MATERIAU EN FEUILLES
- (71) **TRUCKSIGNS AUSTRALIA PTY LIMITED** [AU/AU]; 277 Parramatta Road, Leichhardt, New South Wales 2040 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THAMM, Andreas** [DE/DE]; Thamm Image Maker, Gartenstrasse 34, D-53229 Bonn (DE). **VAN STRAATEN, Nico** [NL/NL]; Van Straaten Vlaggen BV, Schipholweg 939, NL-2143 CE Boesingheliede (NL). **GARDNER, Richard** [GB/GB]; Gardners Digital, Hadfield Road, Leckwith Industrial Estate, Cardiff CF11 8AQ (GB). **LEACH, David** [AU/AU]; Look Corporate Pty Ltd, 277 Parramatta Road, Leichhardt, New South Wales 2040 (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 NI NO NZ OM PG PH PL PT 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 **G09F 13/20**
- (11) **WO 2004/044875** (13) A1
- (21) PCT/US2003/030141
- (22) **18 Sep/sep 2003 (18.09.2003)**
- (25) en (26) en
- (30) 2002-327793 **12 Nov/nov 2002 JP (12.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DISPLAY FILM
• FILM D'AFFICHAGE
- (71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **SAITO, Masafumi**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). **YAGUCHI, Hideki**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **CHRISTOFF, James, 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 (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ 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) SE 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 **G09F 17/00, 21/04**
- (11) **WO 2004/044876** (13) A1
- (21) PCT/US2003/035846
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 60/425,793 **13 Nov/nov 2002 US (13.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)

- (54) • VEHICLE DISPLAY FLAG WITH SUPPORT ASSEMBLY
• DRAPEAU D'EXHIBITION POUR VEHICULE DOTE D'UN ENSEMBLE DE SUPPORT
- (71) **MIRLINK, LLC** [US/US]; Suite 106-208, 1971 East Beltline NE, Grand Rapids, MI 49525 (US).
- (72) **THOMPSON, Jeffrey, D.**; 169 Aspen, Cedar Springs, MI 49319 (US).
- (74) **MONTANA, Shaun, P. et al.** / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110-1618 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **G09G 3/00**
- (11) **WO 2004/044877** (13) A2
- (21) PCT/IB2003/005069
- (22) **11 Nov/nov 2003 (11.11.2003)**
- (25) en (26) en
- (30) 02108169.6 **11 Nov/nov 2002 CN (11.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A DISPLAY DEVICE AND METHOD FOR MAKING SAME
• DISPOSITIF D'AFFICHAGE ET PROCEDE DE FABRICATION DE CELUI-CI
- (71) **COTCO INTERNATIONAL LIMITED** [CN/CN]; Unit 1-5, 13/F, Vanta Industrial Centre, 21 Tai Lin Pai Road, Kwai Chung, New Territories, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **DAVIES, Paul, Richard** [NZ/CN]; c/o Deacons, 7th Floor, Alexandra House, Central, Hong Kong (CN).
(only for / seulement pour NZ)
- (72, 75) **SUEN, Hung, Tao** [CN/CN]; Block B, 9/F, 59 Broadway Street, Mei Foo Sun Chuen, Kowloon, Hong Kong (CN). **YI, Zhu, Qinghang** [CN/CN]; Wu Shi Industrial District, Xiao Jin Kou, Huizhou, Guangdong Province (CN). **YANG, Chuan, Hang** [CN/CN]; Wu Shi Industrial District, Xiao Jin Kou, Huizhou, Guangdong Province (CN).
- (74) **DAVIES, Paul, Richard**; c/o Deacons, 7th Floor, Alexandra House, Central, 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G09G 3/34

(11) WO 2004/044878 (13) A2

(21) PCT/US2003/034919

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 60/423,827 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SWEPT ILLUMINATION TO REDUCE
LCD LAG IN FRONT AND REAR PRO-
JECTION DISPLAYS
• ECLAIRAGE PAR BALAYAGE PER-
METTANT DE REDUIRE LA REMA-
NENCE LCD DANS LES AFFICHEURS
A PROJECTION FRONTALE ET A
PROJECTION PAR TRANSPARENCE

(71) 3M INNOVATIVE PROPERTIES COM-
PANY [US/US]; 3m Center, P.O. Box 33427,
Saint Paul, MN Minnesota 55133-3427 (US).

(72) CONNER, Arlie, R.; P.B. Box 33427, Saint
Paul, MN 55133-3427 (US). ENGSTROM,
Frederic, R.; P.O. Box 33427, Saint Paul,
MN 55133-3427 (US).

(74) BLACK, Bruce, E. et al. / etc.; Office of
Intellectual Property Counsel, 3M Innovative
Properties Company, P.O. Box 33427, Saint
Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G09G 3/36

(11) WO 2004/044879 (13) A1

(21) PCT/IB2003/004783

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 102 52 166.2 9 Nov/nov 2002 DE
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DISPLAY DEVICE WITH PIXEL IN-
VERSION
• AFFICHEUR A INVERSION DE
PIXELS

(71) PHILIPS INTELLECTUAL PROPERTY
& STANDARDS GMBH [DE/DE]; Stein-
damm 94, 20099 Hamburg (DE).
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(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
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les États désignés sauf DE US)

(72, 75) KIESCHNICK, Knut [DE/DE]; Philips
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(74) MEYER, Michael; Philips Intellectual Prop-
erty & Standards GmbH, Weissshausstr. 2,
52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G09G 3/36, G02F 1/13

(11) WO 2004/044880 (13) A1

(21) PCT/KR2003/002434

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10-2002-0070049 12 Nov/nov 2002 KR
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • LIQUID CRYSTAL DISPLAY AND
DRIVING METHOD THEREOF
• ECRAN A CRISTAUX LIQUIDES ET
PROCEDE DE COMMANDE DE CE-
LUI-CI

(71) SAMSUNG ELECTRONICS CO., LTD.
[KR/KR]; 416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 442-742 (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LEE, Seung-Woo [KR/KR]; Doksan
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san1-dong, Keumcheon-ku, Seoul 153-844
(KR). YU, Yun-Ju [KR/KR]; Cheonnok
Villa 1-139, 973-2, Siheung 3-dong, Keum-
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(KR). CHOH, Heui-Keun [KR/KR]; Banpo
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Seocho-ku, Seoul 137-763 (KR). KIM,
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sung 5-cha Apt. 502-1305, 1161, Bojeong-ri,
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Kyungki-do (KR).

(74) YOU ME PATENT & LAW FIRM;
Teheran Bldg., 825-33, Yoksam-dong, Kang-
nam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ G09G 3/36, G02F 1/13

(11) WO 2004/044881 (13) A1

(21) PCT/KR2003/002435

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10-2002-0070051 12 Nov/nov 2002 KR
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • LIQUID CRYSTAL DISPLAY AND
DRIVING METHOD THEREOF
• ECRAN A CRISTAUX LIQUIDES ET
PROCEDE DE PILOTAGE CORRES-
PONDANT

(71) SAMSUNG ELECTRONICS CO., LTD.
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442-370 Suwon-city, Kyungki-do (KR).
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les États désignés sauf US)

(72, 75) LEE, Seung-Woo [KR/KR]; Doksan
Hyundai Apt. 102-1008, 293-10, Dok-
san1-dong, Keumcheon-ku, 153-844 Seoul
(KR). YU, Yun-Ju [KR/KR]; Cheonnok
Villa 1-139, 973-2, Siheung 3-dong, Keum-
cheon-ku, 153-033 Seoul (KR). PARK,
Doo-Sik [KR/KR]; Hwanggolmaeul Jookong
Apt. 135-1401, 955-1, Youngtong-dong,
Paldal-ku, Suwon-city, Kyungki-do 442-740
(KR). CHOH, Heui-Keun [KR/KR]; Banpo
Jookong Apt. 359-407, Banpo 1-dong,
Seocho-ku, 137-763 Seoul (KR). KIM,
Chang-Yeong [KR/KR]; Jinsanmaeul Sam-
sung 5-cha Apt. 502-1305, 1161, Bojeong-ri,
Guseong-myeon, 449-910 Yongin-city,
Kyungki-do (KR). PARK, Yong-Koo
[KR/KR]; Sinnamusil Jookong 5-danji
Apt. 517-402, Youngtong-dong, Paldal-ku,
442-727 Suwon-city, Kyungki-do (KR).

(74) YOU ME PATENT & LAW FIRM;
Teheran Bldg., 825-33, Yoksam-dong, Kang-
nam-ku, 135-080 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC

NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G09G 3/36

(11) WO 2004/044882 (13) A1

(21) PCT/US2003/011389

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/289,459 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FRAME BUFFER PIXEL CIRCUIT FOR LIQUID CRYSTAL DISPLAY

• CIRCUIT DE PIXELS DE TAMPON DE TRAME POUR ECRAN A CRISTAUX LIQUIDES

(71) DUKE UNIVERSITY [US/US]; Erwin Road, Durham, NC North Carolina 27708 (US).

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(72, 75) LEE, Sangrok [KR/US]; 1315 Morreene Road, #20K, Durham, NC 27705 (US). MORIZIO, James C. [US/US]; 5114 Huxey Glenn Ct., Durham, NC 27703 (US). JOHNSON, Kristina M. [US/US]; 305 Teer Building, Box 90271, Science Drive, Durham, NC 27708 (US).

(74) FLESHNER, Mark L. et al. / etc.; FLESHNER & KIM, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09G 5/10

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(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/289,463 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A MIXED MODE GRAYSCALE METHOD FOR DISPLAY SYSTEM

• PROCEDE DE GENERATION D'UNE REPRESENTATION A NUANCE DE GRIS EN MODE MIXTE POUR SYSTEME D'AFFICHAGE

(71) DUKE UNIVERSITY [US/US]; Erwin Road, Durham, NC 27708 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Sangrok [KR/US]; 1315 Morreene Road, #20K, Durham, NC 27705 (US). JOHNSON, Kristina M. [US/US]; 305 Teer Building, Box 90271, Science Drive, Durham, NC 27708 (US).

(74) FLESHNER, Mark L. et al. / etc.; Fleshner & Kim, LLP, P.O. Box 221200, Chantilly, VA 20153-1200 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G09G 5/8

(11) WO 2004/044884 (13) A1

(21) PCT/US2003/036108

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,917 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • JOYSTICK WITH AXIAL DISENGAGEMENT SWITCH

• MANETTE DE JEU A COMMUTATEUR DE DESENGAGEMENT AXIAL

(71) BIO-RAD LABORATORIES, INC. [US/US]; 1000 Alfred Nobel Drive, Hercules, CA 94547 (US).

(72) CEREMONY, Jeff; 1374 Leafwood Court, Fairfield, CA 94534 (US). KING, Robert; 30 Via Holon #7, Greenbrae, CA 94904 (US).

(74) HEINES, Henry, M. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (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 EG ES FI GB GD GE GH

GM HR HU ID IL IN IS JP 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) (t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G10C 3/12, 3/16

(11) WO 2004/044885 (13) A1

(21) PCT/JP2003/000227

(22) 14 Jan/jan 2003 (14.01.2003)

(25) ja (26) ja

(30) 2002-330816 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS FOR HAMMERING STRING OF PIANO

• APPAREIL SERVANT À MARTELER UNE CORDE DE PIANO

(71) KABUSHIKI KAISHA KAWAI GAKKI SEISAKUSHO [JP/JP]; 200, Terajima-cho, Hamamatsu-shi, Shizuoka 430-8665 (JP).

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(72, 75) ISHIDA, Muneo [JP/JP]; c/o Kabushiki Kaisha Kawai, Gakki Seisakusho, 200, Terajima-cho, Hamamatsu-shi, Shizuoka 430-8665 (JP).

(74) ADACHI, Tsutomu; Nagoyaseni Bldg. 7F, 9-27, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).

(81) CN DE KR US.

(51)⁷ G10L

(11) WO 2004/044886 (13) A2

(21) PCT/US2003/035517

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,178 8 Nov/nov 2002 US (08.11.2002)

(30) 10/449,174 30 May/mai 2003 US (30.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR PROVIDING SPEECH RECOGNITION RESOLUTION ON AN APPLICATION SERVER

• PROCEDE ET DISPOSITIF DESTINES A METTRE EN OEUVRE UNE RESOLUTION DE RECONNAISSANCE VOCALE D'UN SERVEUR D'APPLICATION

(71) **ORACLE INTERNATIONAL CORPORATION** [US/US]; 500 Oracle Parkway, Redwood Shores, CA 94065 (US).

(72) **VORA, Ashish**; 1256 Hamilton Lane, Naperville, IL 60540 (US). **SPRAGUE, Kara, Lynn**; 70 Pacific Street #946B, Cambridge, MA 02139 (US). **TUCKEY, Curtis**; 1217 W. Arthur, Chicago, IL 60626 (US). **GUPTA, Arvind**; 32 Bayview Drive, San Carlos, CA 94070 (US).

(74) **SHEKLETON, Gerald, T. et al.** / etc.; Welsh & Katz, Ltd., 22nd Floor, 120 South Riverside Plaza, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G10L 15/06, 15/18**

(11) **WO 2004/044887** (13) A1

(21) PCT/JP2003/014168

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) ja (26) ja

(30) 2002-326503 **11 Nov/nov 2002 JP (11.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **SPEECH RECOGNITION DICTIONARY CREATION DEVICE AND SPEECH RECOGNITION DEVICE**

• **DISPOSITIF DE CREATION DE DICTIONNAIRE DE RECONNAISSANCE VOCALE ET DISPOSITIF DE RECONNAISSANCE VOCALE**

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OKIMOTO, Yoshiyuki** [JP/JP]; Room D-105, 2-1, Kabutodai 2-chome, Kizu-cho, Soraku-gun, Kyoto 619-0224 (JP).

(74) **NII, Hiromori**; c/o NII Patent Firm, 3rd Floor, Shin-Osaka Suehiro Center Bldg., 11-26, Nishinakajima 3-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G10L 15/18, H04M 3/493**

(11) **WO 2004/044888** (13) A1

(21) PCT/EP2003/012639

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) de (26) de

(30) 60/425,856 **13 Nov/nov 2002 US (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **VOICE PROCESSING SYSTEM, METHOD FOR ALLOCATING ACOUSTIC AND/OR WRITTEN CHARACTER STRINGS TO WORDS OR LEXICAL ENTRIES**

• **SYSTEME DE TRAITEMENT LINGUISTIQUE, PROCEDE DE CLASSEMENT DE SUITE DE SIGNES ACOUSTIQUES ET/OU ECRITS EN MOTS OU ENREGISTREMENTS LEXICAUX**

(71, 72) **SCHÖNEBECK, Bernd** [DE/DE]; Ahornweg 15, 52080 Aachen (DE).

(74) **FUHLENDORF, Jörn**; Dreiss, Fuhlendorf, Steimle & Becker, Postfach 10 37 62, 70032 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G10L 15/22**

(11) **WO 2004/044889** (13) A2

(21) PCT/EP2003/012660

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) de (26) de

(30) 102 52 457 **12 Nov/nov 2002 DE (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **VOICE INPUT INTERFACE**

• **INTERFACE D'ENTREE VOCALE**

(71) **HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH** [DE/DE]; Becker-Göring-Strasse 16, 78126 Karlsbad (DE).

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(72, 75) **BIRK, Christian** [DE/DE]; Irisweg 33, 89079 Ulm (DE). **HAULICK, Tim** [DE/DE]; In den Schlosswiessen 14, 89143 Blaubeuren (DE). **LINHARD, Klaus** [DE/DE]; Gunderhofen 86, 89601 Schelklingen (DE).

(74) **KUHL, Dietmar**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Anwaltssozi- etät, Maximilianstrasse 58, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G10L 19/00, 19/06, 11/04, 11/06, 19/08, 19/10, 19/12, 19/14**

(11) **WO 2004/044890** (13) A1

(21) PCT/US2003/035677

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 10/291,056 **8 Nov/nov 2002 US (08.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD AND APPARATUS FOR CODING AN INFORMATIONAL SIGNAL**

• **PROCEDE ET APPAREIL DE CODAGE D'UN SIGNAL D'INFORMATION**

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MITTAL, Udar**; 964 Atlantic Avenue, #C, Hoffman Estates, IL 60194 (US). **ASHLEY, James, P.**; 1816 Arabian Avenue, Naperville, IL 60565 (US). **CRUZ, Edgardo, M.**; 1100 E. Deerwood Court, Round Lake, IL 60073 (US).

(74) **MAY, Steven, A. et al.** / etc.; Motorola, Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **G10L 19/02**

(11) **WO 2004/044891** (13) A1

(21) PCT/JP2003/013084

(22) **10 Oct/oct 2003 (10.10.2003)**

(25) ja (26) ja

(30) 2002-330024 **13 Nov/nov 2002 JP (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • MUSIC INFORMATION ENCODING DEVICE AND METHOD, AND MUSIC INFORMATION DECODING DEVICE AND METHOD

- DISPOSITIF ET PROCÉDE DE CODAGE DE DONNÉES MUSICALES ET DISPOSITIF ET PROCÉDE DE DECODAGE DE DONNÉES MUSICALES

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) SUZUKI, Shiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TSUJI, Minoru [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). TOYAMA, Keisuke [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) KOIKE, Akira et al. / etc.; 11th Floor, Yamato Seimei Bldg., 1-7, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ G10L 19/04

(11) WO 2004/044892 (13) A1

(21) PCT/US2003/035678

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/290,572 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR CODING GAIN INFORMATION IN A SPEECH CODING SYSTEM

- PROCÉDE ET APPAREIL POUR INFORMATION DE GAIN DE CODAGE DANS UN SYSTÈME DE CODAGE DE LA PAROLE

(71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) JASIUK, Mark A.; 6611 N. Hiawatha, Chicago, IL 60646 (US). ASHLEY, James P.; 1816 Arabian Avenue, Naperville, IL 60565 (US). MITTAL, Udar; 964 Atlantic Avenue, #C, Hoffman Estates, IL 60194 (US).

(74) MAY, Steven A., et al. / etc.; MOTOROLA, INC., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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(21) PCT/JP2003/014298

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-330768 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR ENCODING SOUND SOURCE OF PROBABILISTIC CODE BOOK

- PROCÉDE DE CODAGE DE SOURCE SONORE DE LIVRE DE CODE PROBABILISTE

(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) MORII, Toshiyuki [JP/JP]; 3-1-12-304, Nijigaoka, Asao-ku, Kawasaki-shi, Kanagawa 215-0015 (JP).

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G10L 21/02

(11) WO 2004/044894 (13) A1

(21) PCT/EP2003/011137

(22) 8 Oct/oct 2003 (08.10.2003)

(25) de (26) de

(30) 102 52 327.4 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR ENLARGING THE BANDWIDTH OF A NARROW-BAND FILTERED SPEECH SIGNAL

- PROCÉDE POUR ELARGIR LA BANDE PASSANTE D'UN SIGNAL VOCAL FILTRE SUR UNE BANDE ÉTROITE

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KLINKE, Stefano, Ambrosius [DE/DE]; Im Erftgrund 22, 50169 Kerpen (DE). LORENZ, Frank [DE/DE]; Mussumer Kirchweg 180, 46395 Bocholt (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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(51)⁷ G10L 21/02

(11) WO 2004/044895 (13) A1

(21) PCT/IB2003/004615

(22) 20 Oct/oct 2003 (20.10.2003)

(25) en (26) en

(30) 02079734.6 12 Nov/nov 2002 EP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR GENERATING AUDIO COMPONENTS

- PROCÉDE ET DISPOSITIF PERMETTANT DE PRODUIRE DES ÉLÉMENTS AUDIO

(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) WILLEMS, Stefan, M., J. [BE/BE]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GROENENDAAL, Antonius, W., M.; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT 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 :

(s) for the following designations / pour les désignations suivantes : AE AG 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 G11B

(11) WO 2004/044896 (13) A2

(21) PCT/IL2003/000938

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,728 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR USING
QUERY INFORMATION TO ENHANCE
CATEGORIZATION AND NAVIGA-
TION WITHIN THE WHOLE KNOWL-
EDGE BASE

• PROCEDE ET SYSTEME PERMET-
TANT D'UTILISER DES INFORMA-
TIONS DE REQUETES POUR AME-
LIORER LA CATEGORISATION ET LA
NAVIGATION DANS LA TOTALITE
DE LA BASE DE CONNAISSANCES

(71) KENNETH, Nadav [IL/IL]; 30 Ha-Mazbiim
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(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) SEBBANE, Danny [IL/IL]; 18 Adam
Hacohen Street, 64585 Tel Aviv (IL).

(74) NAOMI ASSIA LAW OFFICES; 32
Habazel Street, Ramat Hachayal, 69710 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 NI NO NZ OM PG
PH PL PT RO RU SC 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 G11B

(11) WO 2004/044897 (13) A2

(21) PCT/US2003/033499

(22) 22 Oct/oct 2003 (22.10.2003)

(25) en (26) en

(30) 10/292,320 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SINGLE CLOCK DATA COMMUNICA-
TION IN DIRECT STREAM DIGITAL
SYSTEM

• COMMUNICATION DE DONNEES
D'HORLOGE UNIQUES DANS UN

SYSTEME DE FLUX NUMERIQUE
DIRECT

(71) CIRRUS LOGIC, INC. [US/US]; Legal
Department, 2901 Via Fortuna, Austin, TX
78746 (US).

(72) AMAR, Aryesh; Apartment 2912, 9101
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RHODE, Jason, Powell; Apartment 4H, 710
Colorado Street, Austin, TX 78701 (US).

(74) MURPHY, James, J.; WINSTEAD
SECHREST & MINICK P.C., P.O. Box
50784, 1201 Main Street, Dallas, TX
75104-0784 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G11B

(11) WO 2004/044898 (13) A2

(21) PCT/US2003/035338

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,891 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NITRIDATION OF HIGH-K DI-
ELECTRICS

• NITRURATION DE DIELECTRIQUES
A CONSTATANTE K ELEVEE

(71) AVIZA TECHNOLOGY, INC. [US/US];
440 Kings Village Road, Scotts Valley, CA
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les États désignés sauf US)

(72, 75) SENZAKI, Yoshihide [JP/US]; 400
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CHATHAM III, Robert, Hood [US/US];
211 Sherman Drive, Scotts Valley, CA 95066
(US). HIGUCHI, Randall [US/US]; 325m
Union Avenue, Apt. 331, Campbell, CA
95008 (US). LOPATA, Eugene, S. [US/US];
444-52 Whispering Pines Drive, Scotts Val-
ley, CA 95066 (US).

(74) SWIATEK, Maria, S. et al. / etc.; Dorsey
& Whitney LLP, Four Embarcadero Center,
Suite 3400, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/044899 (13) A2

(21) PCT/US2003/036323

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,405 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A PROCESS FOR OPTIMAL ECO-
NOMIC EFFICIENCY IN POSTAL
OPERATIONS

• PROCEDE DESTINE A UNE EFFI-
CACITE ECONOMIQUE OPTIMALE
DANS DES OPERATIONS POSTALES

(71) EPCO LLC [US/US]; 7500 West Lake
Mead, Las Vegas, NV 89128 (US).

(72) ENRIGHT, James; 7500 West Lake Mead,
#9-637, Las Vegas, NV 89128 (US).

(74) HELFGOTT, Samson et al. / etc.; Katten,
Muchin, Zavis, Rosenman, 575 Madison Av-
enue, New York, NY 10022-2585 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 G11B

(11) WO 2004/044900 (13) A2

(21) PCT/US2003/036423

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,269 11 Nov/nov 2002 US
(11.11.2002)(30) 10/605,072 5 Sep/sep 2003 US
(05.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTI-STEP STORAGE APPARATUS
FOR ADAPTABLY HOLDING DISCS
AND DISC STORAGE DEVICES

• APPAREIL DE RANGEMENT
MULTI-ETAGE PERMETTANT DE
RANGER DE MANIERE ADAPTATIVE
DES DISQUES ET DISPOSITIFS DE
RANGEMENT DE DISQUES

(71, 72) KOLLEGIAN, Les [US/US]; * (US).
SMITH, Carlo [US/US]; * (US).

(74) **MAYO, Joseph, J.**; Dalina Law Group, 7910 Ivanhoe Ave #325, La Jolla, CA 92037 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 5/41**

(11) **WO 2004/044901** (13) A2

(21) PCT/US2003/035253

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 10/293,704 **12 Nov/nov 2002** US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR USING VIBRATION TO CLEAN A READ/WRITE HEAD

• PROCEDE ET APPAREIL FAISANT APPEL A DES VIBRATIONS POUR NETTOYER UNE TETE DE LECTURE/ECRITURE

(71) **IOMEGA CORPORATION** [US/US]; 10955 Vista Sorrento Parkway, San Diego, CA 92130 (US).

(72) **THOMAS, Fred, C., III**; 2491 Woodland Drive, Ogden, UT 84403 (US). **HAHM, Christopher, D.**; 1783 W. 4650 S. #W, Roy, UT 84067 (US).

(74) **SMITH, T., Murray**; Baker Botts L.L.P., 2001 Ross Avenue, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **G11B 7/00**

(11) **WO 2004/044902** (13) A2

(21) PCT/EP2003/012734

(22) **14 Nov/nov 2003 (14.11.2003)**

(25) de

(30) 202 17 688.6 **14 Nov/nov 2002** DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR RENDERING OPTICAL STORAGE MEDIA UNREADABLE

• DISPOSITIF POUR RENDRE ILLISIBLES DES SUPPORTS D'ENREGISTREMENT OPTIQUES

(71, 72) **LEBE, Botho, W.** [DE/DE]; Eulenweg 29, 83064 Raubling (DE). **NÖHBAUER, Peter** [DE/DE]; Oberunterach 3, 83533 Edling (DE). **EHRNSBERGER, Adi** [DE/DE]; Holzstrasse 6, 80469 München (DE).

(74) **ABITZ, Walter et al.** / etc.; Abitz & Partner, Poschingerstrasse 6, 81628 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 7/00**

(11) **WO 2004/044903** (13) A2

(21) PCT/IB2003/004618

(22) **20 Oct/oct 2003 (20.10.2003)**

(25) en (26) en

(30) 02079735.3 **12 Nov/nov 2002** EP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STORING CONTROL INFORMATION USING SPACERS

• STOCKAGE D'INFORMATIONS DE COMMANDE AU MOYEN D'ESPACES

(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) **FONTIJN, Wilhelmus, F., J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **MAK, Theodorus, N.**; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC 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

(26) de

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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **G11B 7/004**

(11) **WO 2004/044904** (13) A1

(21) PCT/KR2003/001688

(22) **21 Aug/août 2003 (21.08.2003)**

(25) en (26) en

(30) 10-2002-0069937 **12 Nov/nov 2002** KR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF MULTIPLE REPRODUCTION PATH VIDEO DATA RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUS

• SUPPORT D'ENREGISTREMENT POSSEDANT UNE STRUCTURE DE DONNEES POUR LA GESTION DE LA REPRODUCTION DE DONNEES VIDEO A VOIES DE REPRODUCTION MULTIPLES ; PROCEDES ET DISPOSITIFS D'ENREGISTREMENT ET DE REPRODUCTION

(71) **LG ELECTRONICS INC.** [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, Seoul 150-010 (KR).

(72) **KIM, Byung Jin**; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, Sungnam, Kyunggi-do 463-010 (KR). **SEO, Kang Soo**; 606-503, Chowon Hanyang Apt., 897-5, Pyoungan-dong, Dongan-gu, Anyang, Kyunggi-do 431-075 (KR). **UM, Soung Hyun**; 18-701, Samho Apt., Bisandong, Dongan-gu, Anyang, Kyunggi-do 431-050 (KR).

(74) **PARK, Lae Bong**; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Kangnam-gu, Seoul 135-272 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

(11) WO 2004/044905 (13) A1

(21) PCT/JP2003/014386

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-329724 13 Nov/nov 2002 JP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DOUBLE-WAVELENGTH LIGHT
SOURCE UNIT AND OPTICAL HEAD
DEVICE• UNITE DE SOURCE LUMINEUSE A
LONGUEUR D'ONDE DOUBLE ET
DISPOSITIF DE TETE OPTIQUE(71) ASAHI GLASS COMPANY, LIMITED
[JP/JP]; 12-1, Yurakucho 1-chome, Chi-
oda-ku, Tokyo 100-8405 (JP).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MURAKAMI, Ryota [JP/JP]; c/o Asahi
Glass Koriyamadenzai Co., Ltd., Koriyama
Seibu Dai-2 Kogyo Danchi, 1-8, Machi-
ikedai, Koriyama-shi, Fukushima 963-0215
(JP). OOI, Yoshiharu [JP/JP]; c/o Asahi
Glass Koriyamadenzai Co., Ltd., Koriyama
Seibu Dai-2 Kogyo Danchi, 1-8, Machi-
ikedai, Koriyama-shi, Fukushima 963-0215
(JP).(74) SENMYO, Kenji et al. / etc.; Torimoto Ko-
gyo Bldg., 38, Kanda-Higashimatsushitacho,
Chiyoda-ku, Tokyo 101-0042 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).(51)⁷ G11B 7/095

(11) WO 2004/044906 (13) A1

(21) PCT/JP2003/014098

(22) 5 Nov/nov 2003 (05.11.2003)

(25) ja (26) ja

(30) 2002-321300 5 Nov/nov 2002 JP
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL DISK DRIVE DEVICE AND
METHOD OF CORRECTING TILT OF
OPTICAL PICKUP• DISPOSITIF DE LECTURE DE DISQUE
OPTIQUE ET PROCEDE DE CORREC-
TION D'INCLINAISON DE CAPTEUR
OPTIQUE(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) MIYAKE, Tomoyuki [JP/JP];
2-4-15-705, Omiya-cho, Nara-shi, Nara
630-8115 (JP).(74) KURAUCHI, Giro; Sumitomoseimei Mi-
dosuji Bldg., 14-3, Nishitemma 4-chome,
Kita-ku, Osaka-shi, Osaka 530-0047 (JP).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ G11B 7/135

(11) WO 2004/044907 (13) A1

(21) PCT/JP2002/011834

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL HEAD AND INFORMATION
STORAGE DEVICE• TETE OPTIQUE ET DISPOSITIF DE
STOCKAGE 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) HASEGAWA, Shin-ya [JP/JP]; C/O
FUJITSU LIMITED, 1-1, Kamikodanaka
4-chome, Nakahara-ku, Kawasaki-shi, Kana-
gawa 211-8588 (JP). TAWA, Fumihiko
[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) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS 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 SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).(51)⁷ G11B 7/24, 7/26, 7/007, 20/10

(11) WO 2004/044908 (13) A1

(21) PCT/EP2003/012265

(22) 4 Nov/nov 2003 (04.11.2003)

(25) de

(26) de

(30) 102 52 339.8 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DOUBLE-SIDED, HYBRID OPTICAL
DATA CARRIER IN DISK FORMAT
(SACD/DVD)• SUPPORT OPTIQUE HYBRIDE A
DEUX FACES SE PRESENTANT SOUS
FORME DE DISQUE (SACD/DVD)(71, 72) SCHREIBER, Stefan [DE/DE]; Kessel-
weg 14, 95326 Kulmbach (DE).(81) AE AG AL AM AT (Utility model / modèle
d'utilité) AT AU AZ BA BB BG BR BY BZ
CA CH CN CO CR CU CZ (Utility model /
modèle d'utilité) CZ DE 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).

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(51)⁷ G11B 11/105

(11) WO 2004/044909 (13) A1

(21) PCT/IB2003/004696

(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

(30) 02079743.7 14 Nov/nov 2002 EP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DOMAIN EXPANSION ROM MEDIA
WITH ADAPTED DOMAIN SHAPE
FOR IMPROVED READOUT• SUPPORT ROM A EXTENSION DE DO-
MAINES PRESENTANT UNE FORME
DES DOMAINES ADAPTEE DE MA-
NIERE A OBTENIR UNE LECTURE
AMELIOREE(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) VERSCHUREN, Coen, A. [NL/NL];
c/o Prof. Holstlaan 6, NL-5656 AA Eind-
hoven (NL). ZIJP, Ferry [NL/NL]; c/o Prof.
Holstlaan 6, NL-5656 AA Eindhoven (NL).(74) DEGUELLE, Wilhelmus, H., G.; Philips
Intellectual Property & Standards, Prof. Hol-
stlaan 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 NI NO NZ OM PG PH PL PT
RO RU SC 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 :

(s) for the following designations / pour les désignations suivantes : AE AG 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 G11B 20/00

(11) WO 2004/044910 (13) A1

(21) PCT/IB2003/004766

(22) 24 Oct/oct 2003 (24.10.2003)

(25) en (26) en

(30) 10/294,532 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SECURE LOCAL COPY PROTECTION
• PROTECTION LOCALE ET SURE CONTRE LA COPIE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).

(only for / seulement pour AE)

(72) EPSTEIN, Michael, A.; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Keegan, Frank, J., P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG 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).

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 G11B 20/00

(11) WO 2004/044911 (13) A2

(21) PCT/IL2003/000937

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 152769 11 Nov/nov 2002 IL (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR PREVENTING USE OF NON-ORIGINAL OPTICAL MEDIA

- PROCEDE ET DISPOSITIF POUR EMPECHER L'UTILISATION D'UN SUPPORT OPTIQUE NON ORIGINAL

(71, 72) ABRAHAMOFF, David [IL/IL]; 19 HaKinor Street, 49733 Petach Tikva (IL). FLAXER, Eli [IL/IL]; 24 Alterman Street, 69415 Tel Aviv (IL).

(74) LUZZATTO, Kfir et al. / etc.; Luzzatto & Luzzatto, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 20/14

(11) WO 2004/044912 (13) A1

(21) PCT/US2002/035896

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL DISC AUTHENTICATION USING ALTERNATE DATA MODULATION ENCODING SCHEMES

- AUTHENTICATION DE DISQUE OPTIQUE AU MOYEN DE SCHEMAS DE CODAGE PAR MODULATION DE DONNEES ALTERNES

(71) DOUG CARSON & ASSOCIATES, INC. [US/US]; 1515 East Pine, Cushing, OK 74023 (US).

(72) CARSON, Douglas, M.; 832 South Lincoln, Cushing, OK 74023 (US). KELLY, Henry, B.; 2018 N. Burdick Street, Stillwater, OK 74075 (US).

(74) MCCARTHY, Randall, K.; Fellers, Snider, Blankenship, Bailey & Tippens, P., C., Bank

One Tower, 100 N. Broadway, Suite 1700, Oklahoma City, OK 73102-8820 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G11B 20/10

(11) WO 2004/044913 (13) A1

(21) PCT/KR2003/002382

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10-2002-0069937 12 Nov/nov 2002 KR (12.11.2002)

(30) 10-2002-0072516 20 Nov/nov 2002 KR (20.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RECORDING MEDIUM HAVING DATA STRUCTURE FOR MANAGING REPRODUCTION OF MULTIPLE REPRODUCTION PATH VIDEO DATA RECORDED THEREON AND RECORDING AND REPRODUCING METHODS AND APPARATUSES

- SUPPORT D'ENREGISTREMENT AYANT UNE STRUCTURE DE DONNEES QUI PERMET DE GERER LA REPRODUCTION DES DONNEES VIDEO A PISTES DE REPRODUCTION MULTIPLES ENREGISTREES SUR CE SUPPORT ET PROCEDES ET APPAREILS DE REPRODUCTION

(71) LG ELECTRONICS INC. [KR/KR]; 20, Yoido-dong, Youngdungpo-gu, 150-010 Seoul (KR).

(72) KIM, Byung Jin; 111-204, Hansol Chungu APT., 110, Jeongja-dong, Bundang-gu, 463-010 Sungnam, Kyunggi-do (KR). SEO, Kang Soo; 606-503, Chowon Hanyang Apt., 897-5, Pyoungan-dong, Dongan-gu, 431-075 Anyang, Kyunggi-do (KR). UM, Soung Hyun; 18-701, Samho Apt., Bisan-dong, Dongan-gu, 431-050 Anyang, Kyunggi-do (KR).

(74) PARK, Lae Bong; 1Fl., Dongun Bldg., 413-4, Dogok 2-dong, Kangnam-gu, 135-272 Seoul (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ 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 23/03
(11) WO 2004/044914 (13) A1
(21) PCT/JP2003/012719
(22) 3 Oct/oct 2003 (03.10.2003)
(25) ja (26) ja
(30) 2002-329086 13 Nov/nov 2002 JP
(13.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • INFORMATION RECORDING
MEDIUM CARTRIDGE
• CARTOUCHE DE SUPPORT D'ENRE-
GISTREMENT D'INFORMATIONS
(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) ABE, Yasuyuki [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP). KIKUCHI, Shuichi [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP). SHIBAGAKI, Susumu [JP/JP];
c/o SONY CORPORATION, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).
(74) SHIGA, Fujiya et al. / etc.; c/o Shiga Patent
Office, Ekisaikai Bldg., 1-29, Akashi-cho,
Chuo-ku, Tokyo 104-0044 (JP).
(81) CN KR US.
(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

- (51)⁷ G11B 25/04, 17/04, 33/12
(11) WO 2004/044915 (13) A1
(21) PCT/JP2003/011780
(22) 16 Sep/sep 2003 (16.09.2003)
(25) ja (26) ja
(30) 2002-327701 12 Nov/nov 2002 JP
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • DISK DEVICE
• DISPOSITIF A DISQUE
(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) FUKASAWA, Akihiro [JP/JP]; c/o Dig-
ital Atec Ltd., 1, Zusho Baba, Nagaokakyo
City, Kyoto 617-8550 (JP).
(74) MAEDA, Minoru et al. / etc.; MAEDA &
ASSOCIATES, Koda Bldg. 4F, 16-2, Yoyogi
2-chome, Shibuya-ku, Tokyo 151-0053 (JP).
(81) CN KR US.
(84) EP (DE FR GB NL).

- (51)⁷ G11C
(11) WO 2004/044916 (13) A2
(21) PCT/US2003/032661
(22) 14 Oct/oct 2003 (14.10.2003)
(25) en (26) en

- (30) 10/290,980 8 Nov/nov 2002 US
(08.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • LOW STANDBY POWER SRAM
• SRAM À FAIBLE CONSOMMATION
D'ÉNERGIE DE SECOURS
(71) ATMEL CORPORATION [US/US]; 2325
Orchard Parkway, San Jose, CA 95131 (US).
(72) PATHAK, Saroj; 12998 Robleda Road, Los
Altos Hills, CA 94022 (US). PAYNE, James,
E.; 214 Crows Nest Drive, Boulder Creek,
CA 95005 (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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 G11C
(11) WO 2004/044917 (13) A2
(21) PCT/US2003/032817
(22) 16 Oct/oct 2003 (16.10.2003)
(25) en (26) en
(30) 60/426,614 14 Nov/nov 2002 US
(14.11.2002)
(30) 60/429,261 25 Nov/nov 2002 US
(25.11.2002)
(30) 10/351,179 24 Jan/jan 2003 US
(24.01.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • A COMBINATION NONVOLATILE
MEMORY USING UNIFIED TECH-
NOLOGY WITH BYTE, PAGE AND
BLOCK WRITE AND SIMULTANEOUS
READ AND WRITE OPERATIONS
• MÉMOIRE NON VOLATILE COMBI-
MÉE FAISANT APPEL A UNE TECH-
NOLOGIE UNIFIÉE AVEC OPÉRA-
TIONS DE LECTURE ET DE LECTURE
ET D'ÉCRITURE SIMULTANÉES PAR
OCTETS, PAR PAGES ET PAR BLOCS
(71) Aplus Flash Technology, Inc. [US/US]; 780
Montague Express Way, Suite 401, San Jose,
CA 95131-1323 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) LEE, Peter, W. [US/US]; 13990 Pike
Road, Saratoga, CA 95070 (US). HSU,
Fu-Chang [—/US]; 1228 Cordelia Avenue,
San Jose, CA 95129 (US). TSAO, Hsing-Ya
[—/US]; 1288 Rosalia Avenue, San Jose, CA

- 95117 (US). MA, Han-Rei [US/US]; 1210
Eva Ave., Los Altos, CA 94024 (US).
(74) SAILE, George, O. et al. / etc.; 28 Davis
Avenue, Poughkeepsie, NY 12603 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG UZ VC VN YU
ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

Declarations / Déclarations :

- (s) for the following designations / pour les
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 PG PH PL PT RO 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
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 PG PH PL PT RO 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 G11C 11/41, H01L 27/10
(11) WO 2004/044918 (13) A1
(21) PCT/JP2003/014316
(22) 11 Nov/nov 2003 (11.11.2003)
(25) ja (26) ja
(30) 2002-328224 12 Nov/nov 2002 JP
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • SEMICONDUCTOR STORAGE DE-
VICE
• DISPOSITIF DE STOCKAGE A SEMI-
CONDUCTEURS
(71) RENESAS TECHNOLOGY CORP.
[JP/JP]; 4-1 CMarunouchi @2-chome, Chi-
yoda-ku, Tokyo 100-6334 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) CHIGASAKI, Hideo [JP/JP]; c/o HI-
TACHI DISPLAY DEVICES, LTD., 3681
CHayano, Mobara-shi, Chiba 297-8581
(JP). TAKAHASHI, Yasuhiko [JP/JP];
c/o RENESAS TECHNOLOGY CORP.,
4-1 CMarunouchi @2-chome, Chiyoda-ku,
Tokyo 100-6334 (JP). NISHIMOTO, Kenji

- [JP/JP]; c/o RENESAS TECHNOLOGY CORP., 4-1 CMarunouchi @2-chome, Chiyoda-ku, Tokyo 100-6334 (JP).
- (74) TAMAMURA, Shizuyo; Room 42 CShin Yamashiro Building C, 10 CKanda Ogawamachi 2-chome, Chiyoda-ku, Tokyo 101-0052 (JP).
- (81) CN JP KR SG US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ G11C 11/412, 11/419, 7/10
- (11) WO 2004/044919 (13) A1
- (21) PCT/US2003/033627
- (22) 23 Oct/oct 2003 (23.10.2003)
- (25) en (26) en
- (30) 10/290,704 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • STORAGE CIRCUIT HAVING SINGLE-ENDED WRITE CIRCUITRY
- CIRCUIT DE MEMOIRE COMPORTANT DES CIRCUITS D'ECRITURE A SORTIE UNIQUE
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) PELLE, Perry, H.; 9606 Indigo Brush, Austin, TX 78726 (US).
- (74) GODDARD, Patricia, S. et al. / etc.; SPS Patent Operation Manager - On Behalf of Motorola, Inc., Corporate Law Department, Intellectual Property S., 7700 West Parmer Lane, Austin, TX 78729 (US).
- (81) AE AG 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 G11C 15/00
- (11) WO 2004/044920 (13) A2
- (21) PCT/CA2003/001733
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/426,321 13 Nov/nov 2002 US (13.11.2002)
- (30) 10/357,270 31 Jan/jan 2003 US (31.01.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR WIDE WORD DELETION IN CONTENT ADDRESSABLE MEMORIES

- PROCEDE ET DISPOSITIF POUR LA SUPPRESSION DE MOT LARGE DANS DES MEMOIRES ADRESSABLES PAR LEUR CONTENU
- (71) MOSAID TECHNOLOGIES INCORPORATED [CA/CA]; 11 Hines Road, Kanata, Ontario K2K 2X1 (CA).
- (72) ROTH, Alan; 5012 Woodview Avenue, Austin, TX 78756 (US). MCKENZIE, Robert; 1506-171 Lees Avenue, Ottawa, Ontario K1S 5P3 (CA). BECCA, Oswald; 501 Westminster Place, Roundrock, TX 78664 (US).
- (74) KINSMAN, L., Anne 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 NI NO NZ OM PG PH PL PT 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) G11C 16/04
- (11) WO 2004/044921 (13) A2
- (21) PCT/US2003/032818
- (22) 16 Oct/oct 2003 (16.10.2003)
- (25) en (26) en
- (30) 60/426,614 14 Nov/nov 2002 US (14.11.2002)
- (30) 60/429,261 25 Nov/nov 2002 US (25.11.2002)
- (30) 10/351,180 24 Jan/jan 2003 US (24.01.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A NOVEL MONOLITHIC, COMBO NONVOLATILE MEMORY ALLOWING BYTE, PAGE AND BLOCK WRITE WITH NO DISTURB AND DIVIDED-WELL IN THE CELL ARRAY USING A UNIFIED CELL STRUCTURE AND TECHNOLOGY WITH A NEW SCHEME OF DECODER AND LAYOUT
- NOUVELLE MEMOIRE NON VOLATILE COMBINEE MONOLITHIQUE PERMETTANT UNE ECRITURE PAR OCTETS, PAR PAGES ET PAR BLOCS SANS PERTURBATIONS ET UNE DIVISION SATISFAISANTE DU RESEAU DE CELLULES AU MOYEN D'UNE TECHNOLOGIE ET D'UNE STRUCTURE DE CELLULE UNIFIEE AVEC UN NOUVEAU SCHEMA DE DECODEUR ET D'IMPLANTATION
- (71) Aplus Flash Technology, Inc. [US/US]; 780 Montague Express Way, Suite 401, San Jose, CA 95131-1323 (US).
- (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) LEE, Peter, W. [US/US]; 13990 Pike Road, Saratoga, CA 95070 (US). HSU, Fu-Chang [—/US]; 1228 Cordelia Avenue, San Jose, CA 95129 (US). TSAO, Hsing-Ya [—/US]; 1288 Rosalia Avenue, San Jose, CA 95117 (US). MA, Han-Rei [US/US]; 1210 Eva Ave., Los Altos, CA 94024 (US).
- (74) SAILE, George, O. et al. / etc.; 28 Davis Avenue, Poughkeepsie, NY 12603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO 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 G11C 29/00
- (11) WO 2004/044922 (13) A1
- (21) PCT/JP2003/014344
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/294,601 14 Nov/nov 2002 US (14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • HIGH SPEED VECTOR ACCESS METHOD FROM PATTERN MEMORY FOR TEST SYSTEMS
- PROCEDE D'ACCES A DES VECTEURS HAUTE VITESSE A PARTIR D'UNE MEMOIRE DE MOTIF POUR SYSTEMES DE TEST
- (71) ADVANTEST CORPORATION [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).

(72) RAJSUMAN, Rochit; 990 Juliet Avenue, San Jose, CA 95127 (US).

(74) RYUKA, Akihiro; 6F, Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) DE JP.

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(51)⁷ G21B

(11) WO 2004/044923 (13) A2

(21) PCT/US2003/015713

(22) 19 May/mai 2003 (19.05.2003)

(25) en (26) en

(30) 60/381,863 18 May/mai 2002 US (18.05.2002)

(30) 60/449,247 14 Feb/fév 2003 US (14.02.2003)

(30) Not furnished / 17 May/mai 2003 US non communiqué (17.05.2003)

(30) Not furnished / 17 May/mai 2003 US non communiqué (17.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A DEVICE, SYSTEM AND METHOD FOR INCREASING MULTIPLE OCCUPANCY OF HYDROGEN ISOTOPES IN A HOST LATTICE

• DISPOSITIF, SYSTEME ET PROCEDE PERMETTANT D'AUGMENTER L'OCCUPATION MULTIPLE D'ISOTOPES D'HYDROGENE DANS UN RESEAU HOTE

(71, 72) HAGELSTEIN, Peter [US/US]; 1500 Worcester Road, Apt 717, Framingham, MA 01702 (US). MCKUBRE, Michael, C., H. [US/US]; 112 Durham Street, Menlo Park, CA 94025 (US). TANZELLA, Francis, L. [US/US]; 935 Buckland Avenue, San Carlos, CA 94070 (US). TREVITHICK, Matthew, D. [CA/US]; 2400 West El Camino Real, Unit 912, Mountain View, CA 94040 (US). MULLICAN, Kevin [US/US]; 3425 Lambeth Street, Los Angeles, CA 90027 (US).

(74) HANCHUK, Walter, G. et al. / etc.; Morgan & Finnegan, LLP, 345 Park Avenue, New York, NY 10154 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ G21B 1/00, C25D 21/12, H01R 39/00, H01M 4/86

(11) WO 2004/044924 (13) A1

(21) PCT/GB2003/004940

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 02447219.3 13 Nov/nov 2002 EP (13.11.2002)

(30) 0228573.2 9 Dec/déc 2002 GB (09.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A COMMUTATOR, A GAZ ELECTRODE, A METHOD OF ELECTROPLATING AND A METHOD OF INITIATING COLD FUSION

• COMMUTATEUR, ELECTRODE A GAZ, PROCEDE D'ELECTRODEPOSITION ET PROCEDE PERMETTANT D'AMORCER UNE FUSION A BASSE TEMPERATURE

(71, 72) ALDER, John, M. [GB/BE]; Tuinwijk 52, B-9700 Odenaarde (BE).

(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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ G21F 5/08

(11) WO 2004/044925 (13) A2

(21) PCT/FR2003/050113

(22) 4 Nov/nov 2003 (04.11.2003)

(25) fr (26) fr

(30) 02/13861 6 Nov/nov 2002 FR (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTAINER FOR THE STORAGE/TRANSPORT OF UNIRRADIATED RADIOACTIVE MATERIALS SUCH AS NUCLEAR FUEL ASSEMBLIES

• CONTENEUR POUR LE STOCKAGE/TRANSPORT DE MATIERES RADIOACTIVES NON IRRADIEES TELLES QUE DES ASSEMBLAGES DE COMBUSTIBLE NUCLEAIRE

(71) COGEMA LOGISTICS [FR/FR]; 1, rue des Hérons, F-78182 Montigny le Bretonneux (FR).

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(72, 75) ALAURENT, Benoit [FR/FR]; 440, chemin Vieux de Lyon, F-30200 Bagnols sur Ceze (FR). REYNAUD, Christian [FR/FR]; Quartier Saint Pancrace Nord, F-30130 Pont Saint Esprit (FR). BERSEGO, Jean-Pierre [FR/FR]; 5, rue des Azalées, F-95270 Luzarches (FR).

(74) LEHU, Jean; c/o Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 G21K 1/00, G21B 1/00

(11) WO 2004/044926 (13) A1

(21) PCT/US2003/035213

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 60/424,408 6 Nov/nov 2002 US (06.11.2002)

(30) 10/606,647 26 Jun/juin 2003 US (26.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHARGED PARTICLES TRAP
• PIEGE A PARTICULES CHARGEES

(63) US 10/606,647 (CON)
26 Jun/juin 2003 (26.06.2003)
US 60/424,408 (CON)
6 Nov/nov 2002 (06.11.2002)

(71) MASSACHUSETTS INSTITUTE OF TECHNOLOGY [US/US]; 77 Massachusetts Institute of Technology, Cambridge, MA 02139 (US).

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(72, 75) DIETRICH, Carl, C. [US/US]; 1 Oxford Street, HMC Box 2682, Cambridge, MA 02139 (US).

(74) SMITH, James, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., 530 Virginia Road, P.O. Box 9133, Concord, MA 01742-9133 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01B 3/00, 7/29

(11) WO 2004/044927 (13) A1

(21) PCT/GB2003/004902

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 0226508.0 13 Nov/nov 2002 GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • FIRE-RESISTANT CABLE
• CABLE IGNIFUGE

(71) **DRAKA UK LIMITED** [GB/GB]; Crowther Road, Washington, Tyne & Weir NE38 0AW (GB).
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(72, 75) **FROGGATT, Mark** [GB/GB]; 6 Opal Close, Oakwood, Derby DE21 2JY (GB).
MASON, Stephen [GB/GB]; 10 Badgers, Thorley Park, Bishops Stortford, Hertfordshire CM23 4ES (GB).

(74) **BATES, Philip, Ian**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01B 7/04

(11) WO 2004/044928 (13) A1

(21) PCT/US2003/016554

(22) 27 May/mai 2003 (27.05.2003)

(25) en (26) en

(30) 10/290,590 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • FLEXIBLE HIGH-IMPEDANCE INTERCONNECT CABLE WITH CATHETER FACILITY

- CABLE D'INTERCONNEXION SOUPLE A IMPEDANCE UTILISE AVEC UN MATERIEL DE CATHETER

(71) **TYCO HEALTHCARE GROUP LP** [US/US]; 15 Hampshire Street, Mansfield, MA 02048 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCK, Arthur** [US/US]; 28801 SW Ladd Hill Road, Sherwood, OR 97140 (US).
DAANE, Laurence, A. [US/US]; 29645 SW Rose Lane #261, Wilsonville, OR 97070 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 12/06, 13/00, C01G 3/00, H01L 39/24

(11) WO 2004/044929 (13) A1

(21) PCT/JP2003/014178

(22) 7 Nov/nov 2003 (07.11.2003)

(25) ja (26) ja

(30) 2002-325812 8 Nov/nov 2002 JP (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • COMPOSITION FOR THICK OXIDE SUPERCONDUCTOR FILM AND OXIDE SUPERCONDUCTOR IN FORM OF THICK FILM TAPE

- COMPOSITION POUR FILM D'OXYDE SUPRACONDUCTEUR EPAIS ET OXYDE SUPRACONDUCTEUR SOUS FORME D'UNE BANDE DE FILM EPAIS

(71) **INTERNATIONAL SUPERCONDUCTIVITY TECHNOLOGY CENTER, THE JURIDICAL FOUNDATION** [JP/JP]; Eishin Kaihatsu Bldg. 6F, 5-34-3, Shinbashi, Minato-ku, Tokyo 105-0004 (JP). **ASAHI DENKA CO., LTD.** [JP/JP]; 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8553 (JP). **SHOWA ELECTRIC WIRE & CABLE CO., LTD.** [JP/JP]; 1-1, Odasakae 2-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0843 (JP).

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(72, 75) **HONJO, Tetsuji** [JP/JP]; c/o Superconductivity Research, Laboratory International, Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP). **TOKUNAGA, Yoshitaka** [JP/JP]; c/o Superconductivity Research, Laboratory International, Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP). **IZUMI, Teruo** [JP/JP]; c/o Superconductivity Research, Laboratory International, Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP). **SHIOHARA, Yuh** [JP/JP]; c/o Superconductivity Research, Laboratory International, Superconductivity Technology Center, 1-10-13, Shinonome, Koto-ku, Tokyo 135-0062 (JP). **GOTO, Tomotaka** [JP/JP]; c/o Asahi Denka Co., Ltd., 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8553 (JP). **YOSHINAKA, Atsuya** [JP/JP]; c/o Asahi Denka Co., Ltd., 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8553 (JP). **YAJIMA, Akimasa** [JP/JP]; c/o Asahi Denka Co., Ltd., 2-35, Higashiogu 7-chome, Arakawa-ku, Tokyo 116-8553 (JP).

(74) **MORIYA, Kazuo**; Moriya, Watanabe and Company, Lots Wako Bldg., 1-13, Nihonbashi-Honcho 3-chome, Chuo-ku, Tokyo 103-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H01F

(11) WO 2004/044930 (13) A2

(21) PCT/US2003/035786

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,498 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD OF MAKING A COMPOUND MAGNET

- PROCEDE SERVANT A FABRIQUER UN AIMANT COMPOSITE

(71) **STEREOTAXIS, INC** [US/US]; 4041 Forest Park Avenue, St. Louis, MO 63108 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CREIGHTON, IV, Francis, M.** [US/US]; 2nd Floor, 6620 Alamo, St. Louis, MO 63105 (US). **WERP, Peter, R.** [US/US]; 4400 Lindell Blvd., #23B, St. Louis, MO 63108 (US).

(74) **WHEELLOCK, Bryan, K.**; Harness, Dickey & Pierce, P.L.C., 7700 Bonhomme Avenue, Suite 400, St. Louis, MO 63105 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 1/44, C10M 171/00, F16F 9/53

(11) WO 2004/044931 (13) A2

(21) PCT/US2003/035605

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/288,769 6 Nov/nov 2002 US (06.11.2002)

(30) 10/289,071 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • IMPROVED MR DEVICE

- DISPOSITIF MAGNETORHEOLOGIQUE AMELIORE

(71) **LORD CORPORATION** [US/US]; 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).

(72) **KINTZ, K., Andrew**; 3610 Choplinshire Way, Apex, NC 27502 (US). **FOREHAND, Teresa, L.**; 5601 Edgebury Road, Raleigh, NC 27613 (US).

(74) **DEARTH, Miles, B.**; Lord Corporation, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).

(81) CN JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01F 7/08, 7/16, F02M 25/07, F15B 13/044, F16K 31/06

(11) WO 2004/044932 (13) A1

(21) PCT/DE2003/003760

(22) 12 Nov/nov 2003 (12.11.2003)

(25) de (26) de

(30) 102 53 347.4 14 Nov/nov 2002 DE (14.11.2002)

(30) 103 27 875.3 18 Jun/juin 2003 DE (18.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SOLENOID PLUNGER SYSTEM WITH AN ADJUSTABLE MAGNETIC FLUX

• SYSTEME A INDUIT PLONGEUR AVEC FLUX DE COURANT MAGNETIQUE REGLABLE

(71) WOCO INDUSTRIE TECHNIK GMBH [DE/DE]; Hanauer Landstrasse 16, 63628 Bad Soden-Salmünster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REICHERT, Uwe [DE/DE]; Am Mühlacker 2, 36381 Schlüchtern (DE). PRAIZA, Josef [CZ/CZ]; Lucni 2010, 75501 Vsetin (CZ).

(74) WEBER-BRULS, Dorothée et al. / etc.; BOEHMERT & BOEHMERT, Hollerallee 32, 28209 Bremen (DE).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H01F 41/12, 27/32

(11) WO 2004/044933 (13) A1

(21) PCT/EP2003/011966

(22) 29 Oct/oct 2003 (29.10.2003)

(25) de (26) de

(30) 102 52 435.1 12 Nov/nov 2002 DE (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR HARDENING COILS

• PROCEDE ET DISPOSITIF DE DURCISSEMENT DE BOBINES

(71) ABB TECHNOLOGY AG [CH/CH]; Affolternstr. 44, CH-8050 Zürich (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GRÜTTNER, Christian [DE/DE]; Wagentfeldstr. 18, 59597 Erwitte (DE). HOFFMANN, Roland [DE/DE]; Bontkirchenstr. 36, 59929 Brilon (DE). WEBER, Benjamin [DE/DE]; Ennertstr. 16, 59955 Wittenberg (DE). ZILLMANN, Karl [DE/DE]; An der Diemel 4, 34431 Marsberg (DE).

(74) MILLER, Toivo et al. / etc.; ABB Patent GmbH, Wallstadter Str. 59, 68526 Ladenburg (DE).

(81) PL US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01G 4/33

(11) WO 2004/044934 (13) A1

(21) PCT/JP2003/014305

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-328570 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THIN FILM CAPACITOR FOR REDUCING POWER SUPPLY NOISE

• CONDENSATEUR A FILM MINCE PERMETTANT DE REDUIRE LE BRUIT DE L'ALIMENTATION EN PUISSANCE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
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(72, 75) SAKASHITA, Yukio [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). FUNAKUBO, Hiroshi [JP/JP]; 1-3-5-4-305, Miyamaedaira, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0006 (JP).

(74) MAEDA, Hitoshi et al. / etc.; MAEDA & NISHIDE, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo 101-0064 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01G 4/40, 4/33, G06K 19/00

(11) WO 2004/044935 (13) A1

(21) PCT/JP2003/014306

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-328574 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CAPACITOR COMPOSITE CIRCUIT ELEMENT AND IC CARD MULTILAYER CAPACITOR

• ELEMENT DE CIRCUIT COMPOSITE DE CONDENSATEUR ET CONDENSATEUR MULTICOUCHE A CARTE A CIRCUIT INTEGRE

(71) TDK CORPORATION [JP/JP]; 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP).
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(72, 75) SAKASHITA, Yukio [JP/JP]; c/o TDK Corporation, 1-13-1, Nihonbashi, Chuo-ku, Tokyo 103-8272 (JP). FUNAKUBO, Hiroshi [JP/JP]; 1-3-5-4-305, Miyamaedaira, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0006 (JP).

(74) MAEDA, Hitoshi et al. / etc.; MAEDA & NISHIDE, 2F, Kiriya Bldg., 1-1, Sarugaku-cho 2-chome, Chiyoda-ku, Tokyo 101-0064 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H01G 9/04, 9/028, 9/025

(11) WO 2004/044936 (13) A1

(21) PCT/JP2003/014350

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-329451 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SOLID ELECTROLYTIC CAPACITOR AND PROCESS FOR PRODUCING THE SAME

• CONDENSATEUR ELECTROLYTIQUE SOLIDE ET SON PROCEDE DE FABRICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOSOKAWA, Tomoko [JP/JP]; 13-8-205, Midorimachi, Neyagawa-shi, Osaka 572-0022 (JP). TAKEDA, Yukifumi [JP/JP]; 5-9, Tsurunoso, Takarazuka-shi, Hyogo 665-0833 (JP). TADANOBU, Kazuo [JP/JP]; 108, Ujihanpaku, Uji-shi, Kyoto 611-0021 (JP).

(74) IWAHASHI, Fumio et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(81) CN SG US.

(51)⁷ H01H

(11) WO 2004/044937 (13) A2

(21) PCT/US2003/035749

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/291,492 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR PROVIDING POWER TO CIRCUIT BREAKERS

• PROCEDE ET SYSTEME D'ALIMENTATION DE DISJONCTEURS

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) MASON, Henry, Hall, Jr.; 1091 New Britain Avenue, Farmington, CT 06032 (US). WILLIAMS, Craig, Benjamin; 49 Sunnybrook Drive, Avon, CT 06001 (US).

(74) NABER, John, M.; 313 South Washington Square, Lansing, MI 48933 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H01H 19/00, 21/00, G05G 5/00

(11) WO 2004/044938 (13) A1

(21) PCT/US2003/022523

(22) 17 Jul/juillet 2003 (17.07.2003)

(25) en (26) en

(30) PCT/US02/35610 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LOW PROFILE ROTARY SWITCH WITH DETENT IN THE BUSHING

• COMMUTATEUR ROTATIF DE DIMENSIONS COMPACTES AVEC DISPOSITIF D'ENCLIQUEMENT CONTENU DANS LA TRAVERSEE

(71) MICRO TEL INTERNATIONAL [US/US]; 9485 Haven Avenue, Suite 100, Rancho Cucamonga, CA 91730 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HORTON, Donald [US/US]; 8134 Glade Avenue, Canoga Park, CA 91304 (US). MILLER, William [US/US]; 1684 N. Hale Avenue, Fullerton, CA 92831 (US).

(74) RUTAN & TUCKER LLP et al. / etc.; 611 Anton Blvd., Suite 1400, Costa Mesa, CA 92626 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H01H 21/38

(11) WO 2004/044939 (13) A1

(21) PCT/US2003/035598

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/290,913 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SWITCH ACTUATING MECHANISM AND ELECTRICALLY CONTROLLED DEVICE USING SAME

• MECANISME D'ACTIONNEMENT DE COMMUTATEUR ET DISPOSITIF COMMANDE ELECTRIQUEMENT FAISANT APPEL A CE DERNIER

(71) S. C. JOHNSON & SON, INC. [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

(72) HELF, Thomas, A.; 12780 West Weatherstone Court, New Berlin, WI 53151 (US). DUSTON, Tyler, D.; 840A Forest Avenue, Evanston, IL 60202 (US).

(74) MILLER, Robert, A.; S. C. JOHNSON & SON, INC., 1525 Howe Street, Racine, WI 53403 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01H 50/54

(11) WO 2004/044940 (13) A1

(21) PCT/FR2003/003341

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02 13985 8 Nov/nov 2002 FR (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUXILIARY CONTACT BLOCK PROVIDING TEMPORARY CONTACT

• BLOC DE CONTACT AUXILIAIRE A CONTACT TEMPORAIRE

(71) ABB ENTRELEC [FR/FR]; 184, 186 rue Léon Blum, F-69100 VILLEURBANNE (FR).

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(72, 75) ORTEGA, Alain [FR/FR]; 6 rue Léon Trouillet, F-69008 Lyon (FR).

(74) LAGET, Jean-Loup; Cabinet Loyer, 78 avenue Raymond Poincaré, F-75116 Paris (FR).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H01J

(11) WO 2004/044941 (13) A2

(21) PCT/US2003/035097

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/288,313 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR STABILIZING OF THE GLOW PLASMA DISCHARGES

• PROCEDE ET DISPOSITIF DESTINES A STABILISER DES DECHARGES LUMINESCENTES DE PLASMA

(71) THE TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY [US/US]; Castle Point on Hudson, Hoboken, NJ 07030 (US).

(72) KUNHARDT, Erich; 807 Castle Point Terrace, Hoboken, NJ 07030 (US). BECKER, Kurt; 25 East 9th Street, Apt. 10B, New York, NY 10003 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01J

(11) WO 2004/044942 (13) A2

(21) PCT/US2003/035613

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,341 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LANTERN WITH SWIVEL HANDLE CONNECTED TO LAMP

• LANTERNE A POIGNEE PIVOTANTE RELIEE A LA LAMPE

(71) VECTOR PRODUCTS, INC. [US/US]; 4140 S.W. 28th Way, Ft. Lauderdale, FL 33312 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KRIEGER, Michael [US/US]; 34 West Dilido Drive, Miami Beach, FL 33139 (US).

(74) KAMINSKI, JEFFREY, A. et al. / etc.; P.O. Box 34385, Washington, DC 20043-9998 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01J 37/00
- (11) WO 2004/044943 (13) A2
- (21) PCT/US2003/035868
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/291,292 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • RETARDING ELECTRON BEAMS IN
MULTIPLE ELECTRON BEAM PAT-
TERN GENERATION
- FAISCEAUX ELECTRONIQUES A RE-
TARD DANS UNE GENERATION DE
CONFIGURATION DE FAISCEAUX
ELECTRONIQUES MULTIPLES
- (71) APPLIED MATERIALS INC. [US/US];
P.O. BOX 450A, Santa Clara, CA 95052
(US).
- (72) GESLEY, Mark, Alan; 838 Calmar Avenue,
Oakland, CA 94610 (US).
- (74) JANAH, Ashok, K.; Janah & Associates,
P.C., Suite 106, 650 Delancey Street, San
Francisco, CA 94107 (US).
- (81) JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ H01J 37/317
- (11) WO 2004/044944 (13) A2
- (21) PCT/US2003/034785
- (22) 31 Oct/oct 2003 (31.10.2003)
- (25) en (26) en
- (30) 10/289,209 7 Nov/nov 2002 US
(07.11.2002)
- (30) 60/430,005 2 Dec/déc 2002 US
(02.12.2002)
- (30) 60/449,236 20 Feb/fév 2003 US
(20.02.2003)
- (30) 60/479,756 18 Jun/juin 2003 US
(18.06.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • RASTER FRAME BEAM SYSTEM FOR
ELECTRON BEAM LITHOGRAPHY
- SYSTEME DE BALAYAGE DE
TRAMES PAR FAISCEAU POUR LI-
THOGRAPHIE PAR FAISCEAU ELEC-
TRONIQUE
- (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).
TIROSH, Ehud [—/IL]; 27 Itamar Ben Avi
St., Nes Ziona 74051 (IL).
- (only for / seulement pour ZW)
- (72, 75) ALONI, Meir [IL/IL]; 1 Hakomemiut
Street, Hertsalia 46683 (IL). FREIDMAN,
Mula [IL/IL]; Itamar Ben Avi, Nes-Ziona
74051 (IL). VISHNIPOLSKY, Jimmy

- [IL/IL]; 27 Lochamy Ageto St., 49651 Petah
Tikva (IL). ALMOGY, Gilad [IL/IL]; Poalei
Harakevet 8/6, Givatayim (IL). LITMAN,
Alon [—/IL]; 4 Lotus St., Nes Ziona 70400
(IL). LEHMAN, Yonatan [—/IL]; 95 Rimon
St., Bet Gamliel 76880 (IL). MESHULACH,
Doron [—/IL]; 6 Ha'achhot Nechama Blvd.,
Ramat Gan 52483 (IL).
- (74) FAHMI, Tarek, N.; Blakely, Sokoloff, Tay-
lor & Zafman LLP, 12400 Wilshire Blvd., 7th
Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 H01K 9/08, 9/00, B60Q 1/04
- (11) WO 2004/044945 (13) A1
- (21) PCT/KR2003/002420
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 10-2002-0069678 11 Nov/nov 2002 KR
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • APPARATUS AND METHOD FOR
CONTROLLING HEADLIGHT IN VE-
HICLE AND HEADLIGHT LAMP HAV-
ING MULTIFUNCTION STRUCTURE
- APPAREIL ET PROCEDE DE COM-
MANDE D'UN PHARE DANS UN
VEHICULE ET AMPOULE DE PHARE
A STRUCTURE MULTIFONCTION
- (71, 72) CHON, Young-Ill [KR/KR]; 106-103
Haenuri-Sunkyung Apartment, 1363-1,
Ssangyong 2-dong, 330-760 Cheon-
nan-si, Chungcheongnam-do (KR).
CHON, Sang-Wook [KR/KR]; 106-103
Haenuri-Sunkyung Apartment, 1363-1,
Ssangyong 2-dong, 330-760 Cheonan-si,
Chungcheongnam-do (KR).
- (74) KIM, Hee-So; 2F Daeho Building, 1502-12,
Seocho 3-dong, Seocho-gu, 137-870 Seoul
(KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 2004/044946 (13) A2
- (21) PCT/EP2003/011903
- (22) 27 Oct/oct 2003 (27.10.2003)
- (25) en (26) en
- (30) 10/292,399 12 Nov/nov 2002 US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PROCESS FOR FORMING FUSIBLE
LINKS
- PROCEDE DE FORMATION D'ELE-
MENTS FUSIBLES
- (71) INFINEON TECHNOLOGIES AG
[DE/DE]; St.-Martin-Strasse 53, 81669
Munich (DE). UNITED MICROELEC-
TRONICS CO. [CN/CN]; No. 3, Li-Hsin
Rd. II, Science-Base Industrial Park, 300
Hsin-Chu City (TW).
- (72) BARTH, Hans, Joachim; Lützowstrasse
19 A, 81245 Munich (DE). CHEN, Hsueh,
Chung; 4F, No. 2, Lane 190, Jungjeng Road,
234 Yunghe City, Taipei (TW). CHEN, Jen,
Kon; Rm 510, No. 11 Park Avenue I Road,
Science-based Industrial Park, 300 Hsin-Chu
City (TW). CHEN, Tong, Yu; No. 31, Alley
14, Lane 452 Baushan Road, 300 Hsinchu
(TW). HSIUNG, Chiung, Sheng; No. 12,
Lane 138, Yingyi St., Lingya Chiu, 802 Kaoh-
siung (TW). LIN, Yi, Hsiung; 59E Sherwood
Forest, Wappingers Falls, NY 12590 (US).
LIU, Chih, Chien; 7f, No. 59-2, Lin Sen S:
Road, 100 Taipei City (TW). YANG, Chih,
Chao; 60 N. Locky Woods Road, Apt. F,
Beacon, NY 12508 (US). YANG, Gwo, Shii;
16F-1 No. 82, Dashiue Road, 300 Hsinchu
(TW).
- (74) CHARLES, Glyndwr; Reinhard, Skuhra,
Weise & Partner GbR, Friedrichstrasse 31,
80801 Munich (DE).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ H01L
- (11) WO 2004/044947 (13) A2
- (21) PCT/IL2003/000967
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 60/426,182 14 Nov/nov 2002 US
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • STIMULATION CIRCUITRY AND
CONTROL OF ELECTRONIC MEDI-
CAL DEVICE
- CIRCUITS DE STIMULATION ET
COMMANDE D'UN DISPOSITIF ME-
DICAL ELECTRONIQUE
- (71) BRAINSGATE LTD. [IL/IL]; P.O. Box
2249, 43101 Ra'anana (IL).
- (for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) GROSS, Yossi [IL/IL]; 10 HaNotea
Street, 73160 Moshav Mazor (IL). SHALEV,
Alon [IL/IL]; 9 Wingate Street, 43587

Ra'anana (IL). KEREN, Avraham [IL/IL]; 98 Tabak Street, 71908 Macabim-Reut (IL).

(74) **SANFORD T. COLB & CO.** et al. / etc.; P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044948** (13) A2

(21) PCT/US2003/019173

(22) **17 Jun/juin 2003 (17.06.2003)**

(25) en (26) en

(30) 60/390,904 **22 Jun/juin 2002** US (22.06.2002)

(30) 10/290,119 **5 Nov/nov 2002** US (05.11.2002)

(30) 10/303,665 **22 Nov/nov 2002** US (22.11.2002)

(30) 10/319,406 **11 Dec/déc 2002** US (11.12.2002)

(30) 10/443,546 **22 May/mai 2003** US (22.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHOTOVOLTAIC DEVICES FABRICATED BY GROWTH FROM POROUS TEMPLATE

• DISPOSITIFS PHOTOVOLTAIQUES FABRIQUES PAR DEVELOPPEMENT A PARTIR D'UN GABARIT POREUX

(71) **NANOSOLAR, INC.** [US/US]; 2440 Embarcadero Way, Palo Alto, CA 94303 (US).

(72) **SAGER, Brian**; 2250 Cornell Street, Palo Alto, CA 94306 (US). **ROSCHKEISEN, Martin**; 611 Buena Vista Avenue West, San Francisco, CA 94117 (US). **PETRITSCH, Klaus**; 837 Shell Boulevard, Foster City, CA 94404 (US). **PICHLER, Karl**; 444 Saratoga Avenue, # 15C, Santa Clara, CA 95050 (US). **FIDANZA, Jacqueline**; 3661A 18th Street, San Francisco, CA 94110 (US). **YU, Dong**; 35238 Erving Court, Fremont, CA 94536 (US).

(74) **ISENBERG, Joshua**; JDI Patent, 204 Castro Lane, Fremont, CA 94539 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044949** (13) A2

(21) PCT/US2003/033842

(22) **24 Oct/oct 2003 (24.10.2003)**

(25) en (26) en

(30) 60/424,986 **8 Nov/nov 2002** US (08.11.2002)

(30) 10/666,219 **18 Sep/sep 2003** US (18.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROBE STATION WITH LOW NOISE CHARACTERISTICS

• STATION DE TEST A FAIBLE BRUIT

(71) **CASCADE MICROTECH, INC.** [US/US]; 2430 NW 206th Avenue, Beaverton, OR 97006 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LESHER, Timothy** [US/US]; 4219 SW Cora Street, Portland, OR 97026 (US). **MILLER, Brad** [US/US]; 945 NW Ashcreek Lane, Portland, OR 97229 (US). **COWAN, Clarence, E.** [US/US]; 13710 NE Chehalem Drive, Newberg, OR 97132 (US). **SIMMONS, Michael** [US/US]; 29858 S Boomer Spring Lane, Colton, OR 97017 (US). **GRAY, Frank** [US/US]; 6146 SW 46th Avenue, Portland, OR 97221 (US). **McDONALD, Cynthia, L.** [US/US]; 14970 NW Perimeter, Beaverton, OR 97006 (US).

(74) **RUSSELL, Kevin, L.**; Chernoff Vilhauer McClung & Stenzel, LLP, 1600 ODS Tower, 601 SW Second Avenue, 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).

(51)⁷ H01L

(11) **WO 2004/044950** (13) A2

(21) PCT/US2003/033945

(22) **24 Oct/oct 2003 (24.10.2003)**

(25) en (26) en

(30) 10/291,126 **7 Nov/nov 2002** US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SEMICONDUCTOR SUBSTRATE HAVING COPPER/DIAMOND COMPOSITE MATERIAL AND METHOD OF MAKING SAME

• SUBSTRAT A SEMI-CONDUCTEUR PRESENTANT UN MATERIAU COMPOSITE EN CUIVRE/DIAMANT ET SON PROCEDE DE PRODUCTION

(71) **KYOCERA AMERICA, INC.** [US/US]; 8611 Balboa Avenue, San Diego, CA 92123-1580 (US).

(72) **McCOY, John, Washington**; 1278-3 Cleveland Avenue, San Diego, CA 92103 (US).

(74) **SCHERLACHER, John, P.**; HOGAN & HARTSON L.L.P., Biltmore Tower, 500 South Grand Avenue, Suite 1900, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 2004/044951** (13) A2

(21) PCT/US2003/034685

(22) **30 Oct/oct 2003 (30.10.2003)**

(25) en (26) en

(30) 10/290,809 **8 Nov/nov 2002** US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR PRESSURIZING A LIQUEFIED GAS

• PROCEDE ET APPAREIL DE MISE SOUS PRESSION D'UN GAZ LIQUEFIE

(71) **BECHTEL BWXT IDAHO, LLC** [US/US]; P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(72) **BINGHAM, Dennis, N.**; 2728 West 17th Street, Idaho Falls, ID 83402 (US).

(74) **CHRISTIAN, Stephen, R.**; Bechtel Bwxt Idaho LLC, P.O. Box 1625, Idaho Falls, ID 83415-3899 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L

(11) **WO 2004/044952** (13) A2

(21) PCT/US2003/034927

(22) **3 Nov/nov 2003 (03.11.2003)**

(25) en (26) en

(30) 10/295,301 **14 Nov/nov 2002** US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • INTEGRATED CIRCUIT WITH AUTOMATIC PIN-STRAPPING CONFIGURATION
- CIRCUIT INTEGRE A CONFIGURATION AUTOMATIQUE DES CONNEXIONS DES BROCHES

(71) CIRRUS LOGIC, INCORPORATED [US/US]; 2901 Via Fortuna, Austin, TX 78746 (US).

(72) DEN BREEJEN, Frank; 3750 East Via Palomita, #15201, Tucson, AZ 85718 (US). BIVEN, David, Michael; 905 Lund Street, Austin, TX 78704 (US). TORKE, Williams, James; 399 Pope Bend North, Cedar Creek, TX 78612 (US). GARDEI, William, F.; 1 Drake Lane, Derry, NH 03038 (US).

(74) SWANSON, Barry, J. et al. / etc.; Swanson & Bratschun, L.L.C., 1745 Shea Center Drive, Suite 330, Highlands Ranch, CO 80129 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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

(11) WO 2004/044953 (13) A2

(21) PCT/US2003/035017

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/289,830 **6 Nov/nov 2002** US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • HIGH PRESSURE COMPATIBLE VACUUM CHECK FOR SEMICONDUCTOR WAFER INCLUDING LIFT MECHANISM
- SUPPORT A ASPIRATION POUR PLAQUETTES DE SEMI-CONDUCTEUR COMPATIBLE AVEC LES HAUTES PRESSIONS ET COMPRENANT UN MECANISME DE LEVAGE

(71) SUPERCRITICAL SYSTEMS INC. [US/US]; 2120 W. Guadalupe Road, Gilbert, AZ 85223 (US).

(72) SUTTON, Thomas, R.; 3762 North Avoca, Mesa, AZ 85207 (US). BIBERGER, Maximilian, A.; 7346 W. Del Acero Drive, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP 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

(11) WO 2004/044954 (13) A2

(21) PCT/US2003/035190

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,967 **8 Nov/nov 2002** US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • GCIB PROCESSING OF INTEGRATED CIRCUIT INTERCONNECT STRUCTURES

- TRAITEMENT DE STRUCTURES D'INTERCONNEXION DE CIRCUITS INTEGRES AU MOYEN D'UN FAISCEAU D'IONS D'AGREGATS GAZEUX

(71) EPION CORPORATION [US/US]; 37 Manning Road, Billerica, MA 01821 (US).

(72) HAUTALA, John, J.; 8 Baker Avenue, Beverly, MA 01915 (US).

(74) COHEN, Jerry et al. / etc.; Perkins, Smith & Cohen, LLP, One Beacon Street, Boston, MA 02108 (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 H01L

(11) WO 2004/044955 (13) A2

(21) PCT/US2003/035236

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/287,864 **6 Nov/nov 2002** US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • LASER SCANNING APPARATUS AND METHODS FOR THERMAL PROCESSING

- APPAREIL DE BALAYAGE LASER ET PROCEDES DE TRAITEMENT THERMIQUE

(71) ULTRATECH STEPPER, INC. [US/US]; 3050 Zanker Road, San Jose, CA 95134 (US).

(72) TALWAR, Somjit; 116 Adrian Place, Los Gatos, CA 95032 (US). THOMPSON, Michael, O.; 130 Oakwood Lane, Ithaca, NY 14850 (US). MARKLE, David, A.; 20690 Ritanna Court, Saratoga, CA 95070 (US).

(74) JONES, Allston, L.; Peters, Verny, Jones & Schmitt, L.L.P., 425 Sherman Avenue, Suite 230, Palo Alto, CA 94306 (US).

(81) JP KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L

(11) WO 2004/044956 (13) A2

(21) PCT/US2003/035333

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/291,024 **8 Nov/nov 2002** US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • REAR INTERCONNECT BLADE FOR RACK MOUNTED SYSTEMS

- BROCHE D'INTERCONNEXION ARRIERE POUR DES INSTALLATIONS EN BAIE

(71) FORCE COMPUTERS, INC. [US/US]; 4305 Cushing Parkway, Fremont, CA 94538 (US).

(72) HOFMANN, Stefan; Bergstr. 92, 82131 Gauting (DE). VADASZ, Istvan; Curd-Juergens-Str. 4, 81739 München (DE).

(74) RITCHIE, David, B. et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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

(11) WO 2004/044957 (13) A2

(21) PCT/US2003/035768

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/295,614 **14 Nov/nov 2002** US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND APPARATUS FOR PROVIDING AND INTEGRATING A GENERAL METAL DELIVERY SOURCE (GMDS) WITH ATOMIC LAYER DEPOSITION (ALD)

- PROCEDE ET APPAREIL PERMETTANT DE FOURNIR ET D'INTEGRER UNE SOURCE GENERALE D'APPORT DE METAL (GMDS) A L'AIDE D'UN DEPOT PAR COUCHE ATOMIQUE (ALD)

(71) GENUS, INC. [US/US]; 1139 Karlstad, Sunnyvale, CA 94089 (US).

(72) SNEH, Ofer; 1619 Garnet Street, Broomfield, CO 80020 (US).

(74) BOYS, Donald, R.; Central Coast Patent Agency, Inc., P.O. Box 187, Aromas, CA 95004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO 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

(11) WO 2004/044958 (13) A2

(21) PCT/US2003/036097

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/294,431 14 Nov/nov 2002 US (14.11.2002)

(30) 10/699,079 31 Oct/oct 2003 US (31.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION AND METHOD FOR LOW TEMPERATURE DEPOSITION OF SILICON-CONTAINING FILMS SUCH AS FILMS INCLUDING SILICON, SILICON NITRIDE, SILICON DIOXIDE AND/OR SILICON-OXYNITRIDE

• COMPOSITION ET PROCEDE DE DEPOT A BASSE TEMPERATURE DE COUCHES CONTENANT DU SILICIUM, TELLES QUE DES COUCHES COMPRENANT DU SILICIUM, DU NITRURE DE SILICIUM, DU DIOXYDE DE SILICIUM ET/OU DE L'OXYNITRURE DE SILICIUM

(71) ADVANCED TECHNOLOGY MATERIALS, INC. [US/US]; William F. Ryann, 7 Commerce Drive, Danbury, CT 06810 (US).

(72) WANG, Ziyun; 7 Terrace Place #A, New Milford, CT 06810 (US). XU, Chongying; 8 Heather Court, New Milford, CT 06776 (US). LAXMAN, Ravi, K.; 6270 Skywalker Drive, San Jose, CA 95135 (US). BAUM, Thomas, H.; 2 Handol Lane, New Fairfield, CT 06812 (US). HENDRIX, Bryan; 12 Peace Street, Danbury, CT 06810 (US). ROEDER, Jeffrey; 4 Longmeadow Hill Road, Brookfield, CT 06804 (US).

(74) RYANN, William, F.; Advanced Technology Materials, Inc., 7 Commerce Drive, Danbury, CT 06810 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044959 (13) A2

(21) PCT/US2003/036425

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,422 11 Nov/nov 2002 US (11.11.2002)

(30) 60/436,316 23 Dec/déc 2002 US (23.12.2002)

(30) 60/447,635 14 Feb/fév 2003 US (14.02.2003)

(30) 60/477,311 9 Jun/juin 2003 US (09.06.2003)

(30) 10/705,460 10 Nov/nov 2003 US (10.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TWO STAGE POWER CONVERSION CIRCUIT

• CIRCUIT DE CONVERSION D'ENERGIE A DEUX ETAGES

(71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(72) STOJCIC, Goran; 205 Paseo De Las Delicias, Redondo Beach, CA 90277 (US). FAN, Weidong; 22122 Palos Verdes Blvd., Torrance, CA 90503 (US). SMITH, Carl, E.; 3915 Emerald Street, Torrance, CA 90503 (US). ABDOLIN, Edgar; 6140 Capistrano Avenue, Woodland Hills, CA 91367 (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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044960 (13) A2

(21) PCT/US2003/036536

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,785 13 Nov/nov 2002 US (13.11.2002)

(30) 60/425,786 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • THERMAL INTERFACE COMPOSITE STRUCTURE AND METHOD OF MAKING SAME

• STRUCTURE COMPOSITE D'INTERFACE THERMIQUE ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) SURFACE LOGIX, INC. [US/US]; 50 Soldiers Field Place, 2nd Floor, Brighton, MA 02135 (US).

(72) MCCOY, Christopher, H.; 160 South Main Street, Natick, MA 01760 (US). CHEN, John, T.; 54 Upland Road, Somerville, MA 02144 (US). BEAULIEU, David, R.; 16 Fletcher Hill Lane, Groton, MA 01450 (US).

(74) KENNARD, Wayne, M. et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/044961 (13) A1

(21) PCT/US2003/023026

(22) 22 Jul/juil 2003 (22.07.2003)

(25) en (26) en

(30) 10/288,271 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR REDUCING STRAY LIGHT IN SUBSTRATE PROCESSING CHAMBERS

• APPAREIL ET PROCEDE DE REDUCTION DE LUMIERE PARASITE DANS UNE CHAMBRE DE TRAITEMENT D'UN SUBSTRAT

(71) MATTSOON TECHNOLOGY, INC. [US/US]; 47131 Bayside Parkway, Fremont, CA 94538 (US).

(72) TIMANS, Paul, Janis; 1538 Canna Court, Mountain View, CA 94043 (US).

(74) CASSIDY, Timothy, A. et al. / etc.; DORRITY & MANNING, P.A., One Liberty Square, 55 Beattie Place, Suite 1600, P.O. Box 1449, Greenville, SC 29602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H01L 21/00, C30B 31/12, C23C 16/46, C30B 25/10
- (11) WO 2004/044962 (13) A1
- (21) PCT/US2003/026822
- (22) 27 Aug/août 2003 (27.08.2003)
- (25) en (26) en
- (30) 10/288,729 5 Nov/nov 2002 US (05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FORCED CONVECTION ASSISTED RAPID THERMAL FURNACE
• FOUR THERMIQUE RAPIDE A CONVECTION FORCEEE
- (71) WAFERMASTERS, INC. [US/US]; 246 East Gish Road, San Jose, CA 95112 (US).
- (72) YOO, Woo, Sik; 3090 Stelling Drive, Palo Alto, CA 94303 (US).
- (74) LOPEZ, Theodore P. et al. / etc.; MacPherson Kwok Chen & Heid LLP, 1762 Technology Drive, Suite 226, San Jose, CA 95110 (US).
- (81) JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

- (51)⁷ H01L 21/00
- (11) WO 2004/044963 (13) A2
- (21) PCT/US2003/036223
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/293,072 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ATOMIC LAYER DEPOSITION METHODS
• PROCEDES DE DEPOT DE COUCHE ATOMIQUE

- (71) MICRON TECHNOLOGY, INC. [US/US]; 8000 South Federal Way, Boise, ID 83706 (US).
- (72) DOAN, Trung, Tri; 1106 Teakwood Trail, Pflugerville, TX 78660 (US). BLALOCK, Guy, T.; 8101 Silkwood Court, Boise, ID 83704 (US). SANDHU, Gurtej, S.; 2964 East Parkriver Drive, Boise, ID 83706 (US).
- (74) MATKIN, Mark, S. et al. / etc.; Wells St. John P.S., 601 West First Avenue # 1300, Spokane, WA 99201-3828 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01L 21/00, G03F 7/00
- (11) WO 2004/044964 (13) A1
- (21) PCT/US2003/036375
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 10/293,591 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ADVANCED MASK CLEANING AND HANDLING
• PROCEDE PERFECTIONNE DE NETTOYAGE ET DE STOCKAGE DE MASQUES
- (71) APPLIED MATERIALS ISRAEL, LTD, [US/US]; 8 Oppenheimer Street, 76236 Rehovot (IL).
- (72) YOGEV, David; Ha'alón St.44, 36811 Neshet (IL).
- (74) BERNADICOU, Michael, A. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, LLP, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) en (26) en
- (30) NO. 2002-328382 12 Nov/nov 2002 JP (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD OF PRODUCING 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 211-8588 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MARUYAMA, Kenji [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kanagawa 211-8588 (JP). KURASAWA, Masaki [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

KONDO, Masao [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). ARIMOTO, Yoshihiro [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

- (74) AOKI, Atsushi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).
- (81) CN KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

- (51)⁷ H01L 21/027, G03F 7/20
- (11) WO 2004/044966 (13) A1
- (21) PCT/JP2003/012377
- (22) 26 Sep/sep 2003 (26.09.2003)
- (25) ja (26) ja
- (30) 2002-329849 13 Nov/nov 2002 JP (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ALIGNING METHOD AND ALIGNING DEVICE IN PROXIMITY EXPOSURE
• PROCÉDÉ ET DISPOSITIF D'ALIGNEMENT À EXPOSITION EN PROXIMITÉ
- (71) SUMITOMO HEAVY INDUSTRIES, LTD. [JP/JP]; 5-9-11, Kita-shinagawa, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYATAKE, Tsutomu [JP/JP]; SUMITOMO HEAVY INDUSTRIES, LTD., Tanashi Works, 1-1, Yato-cho 2-chome, Nishitokyo-shi, Tokyo 188-0001 (JP).
- (74) TAKAHASHI, Keishiro; TAKAHASHI & KITAYAMA, 4th Fl., Okachimachi Tohsei Bldg., 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 NI NO NZ OM PG PH PL PT 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 H01L 21/027, G03F 1/14
- (11) WO 2004/044967 (13) A1
- (21) PCT/JP2003/014088
- (22) 5 Nov/nov 2003 (05.11.2003)
- (25) ja (26) ja
- (30) 2002-321771 5 Nov/nov 2002 JP (05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR MANUFACTURING TRANSFER MASK SUBSTRATE,

TRANSFER MASK SUBSTRATE, AND
TRANSFER MASK

- PROCEDE DE FABRICATION DE SUBSTRAT DE MASQUE DE TRANSFERT, SUBSTRAT DE MASQUE DE TRANSFERT, ET MASQUE DE TRANSFERT

(71) HOYA CORPORATION [JP/JP]; 7-5, Naka-Ochiai 2-chome, Shinjuku-ku, Tokyo 161-0032 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AMEMIYA, Isao [JP/JP]; 3221-6, Ryuo, Ryuo-cho, Nakakoma-gun, Yamanashi 400-0118 (JP).

(74) HAGIHARA, Makoto; Third Watanabe Building 9th Floor, 1-33, Shiba 2-chome, Minato-ku, Tokyo 105-0014 (JP).

(81) DE KR US.

(51)⁷ H01L 21/027, G03F 7/20, 1/16

(11) WO 2004/044968 (13) A1

(21) PCT/JP2003/014460

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-331090 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • EXPOSURE DEVICE, EXPOSURE METHOD, AND SEMICONDUCTOR DEVICE MANUFACTURING METHOD

- DISPOSITIF D'EXPOSITION, PROCEDE D'EXPOSITION ET PROCEDE DE FABRICATION DE DISPOSITIFS A SEMI-CONDUCTEUR

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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(72, 75) OMORI, Shinji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). MORIYA, Shigeru [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). NOHDO, Shinichiro [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) SATOH, Takahisa; SOHSHIN INTERNATIONAL PATENT OFFICE, 4F, Miyaki Bldg., 4-2, Yanagibashi 2-chome, Taito-ku, Tokyo 111-0052 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 21/205, 21/31, 21/22, 21/324, C23C 16/52, F16K 51/02, 1/52, G05D 16/16

(11) WO 2004/044969 (13) A1

(21) PCT/JP2002/011802

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • VALVE UNIT AND HEAT TREATMENT SYSTEM

• UNITE DE SOUPE ET SYSTEME DE TRAITEMENT THERMIQUE

(71) TOKYO ELECTRON LIMITED [JP/JP]; 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(72) MATSUURA, Hiroyuki; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP). KOIKE, Satoru; c/o Tokyo Electron Limited, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107-8481 (JP).

(74) YOSHITAKE, Kenji et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Bldg., 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN KR SG.

(51)⁷ H01L 21/205, 21/31, C23C 16/44

(11) WO 2004/044970 (13) A1

(21) PCT/JP2003/014162

(22) 6 Nov/nov 2003 (06.11.2003)

(25) ja (26) ja

(30) 2002-327193 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SUBSTRATE PROCESSING DEVICE

- DISPOSITIF DE TRAITEMENT DE SUBSTRATS

(71) HITACHI KOKUSAI ELECTRIC INC. [JP/JP]; 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SAKAI, Masanori [JP/JP]; c/o Hitachi Kokusai Electric Inc., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP). SHIMA, Nobuhito [JP/JP]; c/o Hitachi Kokusai Electric Inc., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP). OKUDA, Kazuyuki [JP/JP]; c/o Hitachi Kokusai Electric Inc., 14-20, Higashi-Nakano 3-chome, Nakano-ku, Tokyo 164-8511 (JP).

(74) MIYAMOTO, Haruhiko; URBANE SAGAMI Bldg. 602, 19-13, Sagami-ono 3-chome, Sagami-hara-shi, Kanagawa 228-0803 (JP).

(81) CN JP KR US.

Published / Publiée : (c)

(51)⁷ H01L 21/3065, 21/00, H01J 9/14, B08B 3/02

(11) WO 2004/044971 (13) A1

(21) PCT/KR2002/002093

(22) 9 Nov/nov 2002 (09.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR POLISHING PLASMA CHAMBER CATHODE HOLES

- PROCEDE ET DISPOSITIF DE POLISSAGE DES TROUS D'UNE CATHODE D'UNE CHAMBRE A PLASMA

(71) WORLDEX INT [KR/KR]; 360 Hanggog-Ri, Goa-Eup, Kumi-City, 730-815 Kyung Buk (KP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CHUNG, Jae-Keuk [KR/KR]; 360 Hanggog-Ri, Goa-Eup, Kumi-City, 730-815 Kyung Buk (KR).

(74) CHOI, Bong-Tae; 402, 4rd Beomo Building, 33-2 Beome-dong, Suseong-gu, 706-010 Daegu (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01L 21/312, C08G 77/18, C09D 183/02, 183/04

(11) WO 2004/044972 (13) A1

(21) PCT/JP2003/014437

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-329125 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPOSITION FOR POROUS FILM FORMATION, POROUS FILMS, PROCESS FOR PRODUCTION OF THE FILMS, INTERLAYER DIELECTRICS, AND SEMICONDUCTOR DEVICES

- COMPOSITION DESTINEE A LA FORMATION DE FILM POREUX, FILMS POREUX, PROCEDE DE PRODUCTION DE FILMS POREUX, DIELECTRIQUES INTERCOUCHES, ET DISPOSITIFS A SEMI-CONDUCTEURS

(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) HAMADA, Yoshitaka [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). YAGIHASHI, Fujio [JP/JP]; c/o New Functional Materials Research Center, SHIN-ETSU CHEMICAL CO., LTD., 28-1, Oaza Nishi-Fukushima, Kubiki-mura, Naka Kubiki-gun, Niigata 942-8601 (JP). NAKAGAWA, Hideo [JP/JP]; 131, Oda-cho, Omihachiman-shi, Shiga 523-0064 (JP). SASAGO, Masaru [JP/JP]; 1-19-22, Doyama, Hirakata-shi, Osaka 573-0007 (JP).

(74) OKUYAMA, Shoichi et al. / etc.; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL

- PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
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- (51)⁷ H01L 21/336, 29/423
- (11) WO 2004/044973 (13) A1
- (21) PCT/US2003/032655
- (22) 14 Oct/oct 2003 (14.10.2003)
- (25) en (26) en
- (30) 10/290,276 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PLANARIZING GATE MATERIAL TO
IMPROVE GATE CRITICAL DIMEN-
SION IN SEMICONDUCTOR DEVICES
- PLANARISATION DE MATERIAU
DE GRILLE POUR AMELIORER
LA DIMENSION CRITIQUE DE
GRILLE DANS DES DISPOSITIFS
A SEMI-CONDUCTEUR
- (71) ADVANCED MICRO DEVICES, INC.
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(US).
- (72) AHMED, Shibly, S.; 350 Elan Village Lane
#105, San Jose, CA 95134 (US). TABERY,
Cyrus, E.; 1220 N. Fair Oaks #4102, Sun-
nyvale, CA 94089 (US). WANG, Haihong;
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(US). YU, Bin; 1373 Poppy Way, Cupertino,
CA 95014 (US).
- (74) COLLOPY, Daniel, R.; Advanced Micro
Devices, Inc., One AMD Place, Mail Stop
68, Sunnyvale, CA 94088-3453 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).
-
- (51)⁷ H01L 21/66
- (11) WO 2004/044974 (13) A2
- (21) PCT/US2003/035771
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 10/293,595 12 Nov/nov 2002 US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS EM-
PLOYING INTEGRATED METROL-
OGY FOR IMPROVED DIELECTRIC
ETCH EFFICIENCY

- PROCEDE ET APPAREIL UTILISANT
LA METROLOGIE INTEGREE DE MA-
NIERE A OBTENIR UN RENDEMENT
AMELIORE DE LA GRAVURE DIE-
LECTRIQUE
- (71) APPLIED MATERIALS, INC. [US/US];
P.O. Box 450A, Santa Clara, CA 95052 (US).
- (72) LYMBEROPOULOS, Dimitris; 6160
Paseo Pueblo Drive, San Jose, CA 95120
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94539 (US).
- (74) BERNADICOU, Michael, A. et al. / etc.;
Blakely, Sokoloff, Taylor & Zafman LLP,
12400 Wilshire Boulevard, 7th Floor, Los
Angeles, CA 90025 (US).
- (81) CN JP KR SG.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- (51)⁷ H01L 21/762
- (11) WO 2004/044975 (13) A1
- (21) PCT/EP2003/013697
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 0214123 12 Nov/nov 2002 FR
(12.11.2002)
- (30) 60/472,436 22 May/mai 2003 US
(22.05.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SEMICONDUCTOR STRUCTURE,
AND METHODS FOR FABRICATING
SAME
- STRUCTURE SEMI-CONDUCTRICE
ET PROCEDE DE FABRICATION DE
CETTE STRUCTURE
- (71) S.O.I. TEC SILICON ON INSULA-
TOR TECHNOLOGIES [FR/FR]; Parc
Technologique des Fontaines, Chemin des
Franques, F-38190 Bernin (FR).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) GHYSELEN, Bruno [FR/FR]; 58
Rue Georges Maeder, F-38170 Seyssinet
(FR). RAYSSAC, Olivier [FR/FR]; 7
Chemin du Chapitre, F-38100 Grenoble
(FR). AULNETTE, Cécile [FR/FR]; 3
Place des Tilleuls, F-38000 Grenoble (FR).
MAZURE, Carlos [DE/FR]; 357 Route de
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Eymes (FR).
- (74) JOLY, Jean-Jacques 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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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
CI CM GA GN GQ GW ML MR NE SN TD
TG).

- CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
- Published / Publiée : (c)
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- (51)⁷ H01L 21/762, 21/265
- (11) WO 2004/044976 (13) A1
- (21) PCT/FR2003/003256
- (22) 31 Oct/oct 2003 (31.10.2003)
- (25) fr (26) fr
- (30) 02/13934 7 Nov/nov 2002 FR
(07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR FORMING A BRITTLE
ZONE IN A SUBSTRATE BY CO-IM-
PLANTATION
- PROCEDE DE FORMATION D'UNE
ZONE FRAGILE DANS UN SUBSTRAT
PAR CO-IMPLANTATION
- (71) COMMISSARIAT A L'ENERGIE
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Fédération, F-75752 Paris Cedex 15 (FR).
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- (74) SANTARELLI; 14, avenue de la
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Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H01L 21/762, 29/10
- (11) WO 2004/044977 (13) A1
- (21) PCT/IB2003/004836
- (22) 30 Oct/oct 2003 (30.10.2003)
- (25) en (26) en
- (30) 0226402.6 12 Nov/nov 2002 GB
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SEMICONDUCTOR DEVICE CHAN-
NEL TERMINATION
- EXTREMITE DE VOIE D'UN DISPOSI-
TIF A SEMI-CONDUCTEURS

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
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(72, 75) **LOWIS, Royce** [GB/GB]; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(74) **SHARROCK, Daniel, J.**; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H01L 21/768, 23/532

(11) WO 2004/044978 (13) A1

(21) PCT/GB2003/004814

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/294,139 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RELIABLE LOW-K INTERCONNECT STRUCTURE WITH HYBRID DIELECTRIC

• STRUCTURE D'INTERCONNEXION FIABLE A FAIBLE K COMPRENANT UN MATERIAU DIELECTRIQUE HYBRIDE

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; PO Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
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(72) **FITZSIMMONS, John**; 51 Skyview Drive, Poughkeepsie, NY 12603 (US). **GRECO, Stephen**; 77 Harden Drive, LaGrangeville, NY 12540 (US). **LEE, Jia**; 5D Van Horn Circle, Beacon, NY 12508 (US). **GATES, Stephen**; 22 Inningwood Road, Ossining,

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(74) **WALDNER, Philip**; IBM United Kingdom Limited, Intellectual Property Law, Hursley Park, Winchester, Hampshire SO21 2JN (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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(51)⁷ H01L 21/768

(11) WO 2004/044979 (13) A1

(21) PCT/US2003/036048

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/293,543 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SIDE WALL PASSIVATION FILMS FOR DAMASCENE CU/LOW K ELECTRONIC DEVICES

• FILMS DE PASSIVATION DE PAROIS LATÉRALES POUR DISPOSITIFS ÉLECTRONIQUES A CU DAMASCENE/ FAIBLE K

(71) **APPLIED MATERIALS, INC.** [US/US]; 3050 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **NGUYEN, Son, Van**; 16075 Blossom Hill Road, Los Gatos, CA 95032 (US). **XIA, Li-Qun**; 868 Leith Avenue, Santa Clara, CA 95054 (US). **NEMANI, Srinivas, D.**; 880 E. Fremont Avenue, #639, Sunnyvale, CA 94087 (US).

(74) **PATTERSON, B., Todd et al.** / etc.; Moser, Patterson & Sheridan, LLP, 3040 Post Oak Blvd., Suite 1500, Houston, TX 77056 (US).

(81) CN JP KR SG.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H01L 23/10, 23/48

(11) WO 2004/044980 (13) A2

(21) PCT/EP2003/011448

(22) 15 Oct/oct 2003 (15.10.2003)

(25) de (26) de

(30) 102 53 163.3 14 Nov/nov 2002 DE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HERMETICALLY ENCAPSULATED COMPONENT AND WAFERSCALE METHOD FOR THE PRODUCTION THEREOF

• COMPOSANT A ENCAPSULATION HERMETIQUE ET PROCEDE DE REALISATION A L'ECHELLE DE LA TRANCHE DE SEMI-CONDUCTEUR

(71) **EPCOS AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAHL, Wolfgang** [DE/DE]; Bavariaring 41, 80336 München (DE).

(74) **EPPING HERMANN FISCHER PATENTANWALTSGESELLSCHAFT MBH**; P.O. Box 200734, 80007 München (DE).

(81) JP US.

(51)⁷ H01L 23/12

(11) WO 2004/044981 (13) A1

(21) PCT/JP2003/014363

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-327663 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SEMICONDUCTOR INTEGRATED DEVICE AND METHOD FOR MANUFACTURING SAME

• DISPOSITIF DE CIRCUIT INTÉGRÉ À SEMI-CONDUCTEUR ET SON PROCÉDÉ DE FABRICATION

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUZUKI, Nobuhiro** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). **IMAI, Kenji** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). **KITAMURA, Isaya** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP). **YAMAGUCHI, Keiichi** [JP/JP]; c/o SANYO ELECTRIC CO., LTD., 5-5, Keihan-Hondori 2-chome, Moriguchi City, Osaka 570-8677 (JP).

(74) **YOSHIDA, Kenji et al.** / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).

(81) CN US.

(51)⁷ H01L 23/373

(11) WO 2004/044982 (13) A1

(21) PCT/JP2002/011753

(22) 12 Nov/nov 2002 (12.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • PACKAGING STRUCTURE

• STRUCTURE D'EMBALLAGE

(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) SHIGAKI, Masafumi [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). NAKAZAWA, Isao [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). YA-MANAKA, Kazunori [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) SAITO, Chimoto; Saito Patent Office, Koei-Palace 202, 14-10, Makuharihongo 1-chome, Hanamigawa-ku, Chiba-shi, Chiba 262-0033 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H01L 23/42, 23/31

(11) WO 2004/044983 (13) A1

(21) PCT/US2003/027436

(22) 22 Aug/août 2003 (22.08.2003)

(25) en (26) en

(30) 10/290,959 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SEMICONDUCTOR DEVICE AND METHOD THEREFOR

• DISPOSITIF À SEMI-CONDUCTEUR ET SON PROCÉDÉ

(71) MOTOROLA, INC., [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) GERBER, Mark, A.; 15808 West Dorman Drive, Austin, TX 78717 (US). JOINER, Bennett, A.; 12219 Cabana Lane, Austin, TX 78727 (US). MONTES DE OCA, Jose, Antonio; 1555 Dustin Cade Drive, New Braunfels, TX 78130 (US). THOMPSON, Trent, A.; 13005 Partridge Bend, Austin, TX 78729 (US).

(74) WUAMETT, Jennifer, B. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01L 23/48, 23/52, 29/40

(11) WO 2004/044984 (13) A2

(21) PCT/US2003/035426

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 10/289,486 6 Nov/nov 2002 US (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CHIP-SCALE SCHOTTKY DEVICE

• DISPOSITIF SCHOTTKY A PUCE

(71) INTERNATIONAL RECTIFIER CORPORATION [US/US]; 233 Kansas Street, El Segundo, CA 90245 (US).

(72) SKOCKI, Slawomir; Via Trento 8, I-10073 Cirie Torino (IT).

(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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 23/498, 23/538

(11) WO 2004/044985 (13) A2

(21) PCT/IB2003/004950

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 10/294,011 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FOLDED-FLEX BONDWIRE-LESS MULTICHIP POWER PACKAGE

• ENSEMBLE DE PUISSANCE MULTIPUCE SANS MICROCABLAGE A REPLIS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).
(only for / seulement pour AE)

(72) HAQUE, Shatil; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). BRUNING, Gert; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o Keegan, Frank, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 23/66

(11) WO 2004/044986 (13) A1

(21) PCT/US2003/036629

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/294,518 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGHLY ADAPTABLE HETEROGENEOUS POWER AMPLIFIER IC MICRO-SYSTEMS USING FLIP CHIP AND MICROELECTROMECHANICAL TECHNOLOGIES ON LOW LOSS SUBSTRATES

• MICROSYSTEMES SUR CI TRES ADAPTABLES POUR AMPLIFICATEUR DE PUISSANCE MONTES SUR SUBSTRATS A FAIBLES PERTES, UTILISANT DES PUCES RETOURNEE ET DES TECHNIQUES MICROELECTROMECANQUES

(71) RAYTHEON COMPANY [US/US]; 141 Spring Street, Lexington, MA 02421-1108 (US).

(72) TONOMURA, Samuel D.; 27421 Larchbluff Dr, Rancho Palos Verdes, CA 90275 (US). ALLISON, Robert C.; 6910 Larkvale Dr., Rancho Palos Verdes, CA 90275 (US). PIERCE, Brian M.; 22501 Sheffield Dr, Moreno Valley, CA 92557 (US).

(74) ALKOV, Leonard A. et al. / etc.; Raytheon Company, 2000 East El Segundo Blvd, P O Box 902 (EO/E1/E150), El Segundo, CA 90245-0902 (US).

(81) AU KR NO.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01L 27/00

(11) WO 2004/044987 (13) A2

(21) PCT/IB2003/004833

(22) 30 Oct/oct 2003 (30.10.2003)

- (25) en (26) en
- (30) 0226401.8 12 Nov/nov 2002 GB
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ELECTROLUMINESCENT DEVICES AND THEIR MANUFACTURE
• DISPOSITIFS ELECTROLUMINESCENTS ET LEUR FABRICATION
- (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) YOUNG, Nigel, D. [GB/GB]; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (74) SHARROCK, Daniel, J.; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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).
- 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 EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 27/082, 27/02, 29/70, 31/11
(11) WO 2004/044988 (13) A1
(21) PCT/US2003/027227
(22) 29 Aug/août 2003 (29.08.2003)
(25) en (26) en
(30) 10/290,975 7 Nov/nov 2002 US
(07.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • HIGH GAIN BIPOLAR TRANSISTOR
• TRANSISTOR BIPOLAIRE A GAIN ELEVE
(71) NEWPORT FAB, LLC DBA JAZZ SEMICONDUCTOR [US/US]; 4321 Jamboree Road, Newport Beach, CA 92660 (US).
(72) ZHENG, Jie; 22142 Bellcroft Drive, Lake Forest, CA 92630 (US). YE, Peihua; 11675 Allen, Tustin, CA 92782 (US). RACANELLI, Marco; 11333 Dannen Drive, Santa Ana, CA 92725 (US).

- (74) FARJAMI, Michael; Farjami & Farjami LLP, 26522 La Alameda Avenue, Suite 360, Mission Viejo, CA 92691 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ H01L 27/146, 27/148
(11) WO 2004/044989 (13) A1
(21) PCT/US2003/035859
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 10/291,728 12 Nov/nov 2002 US
(12.11.2002)
(30) 10/291,772 12 Nov/nov 2002 US
(12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • GROUNDED GATE AND ISOLATION TECHNIQUES FOR REDUCING DARK CURRENT IN CMOS IMAGE SENSORS
• GRILLE MISE A LA TERRE ET TECHNIQUES D'ISOLATION VISANT A REDUIRE LE COURANT D'OBSCURITE DANS DES CAPTEURS D'IMAGES CMOS
(71) MICRON TECHNOLOGY, INC. [US/US]; 8000 S. Federal Way, Boise, ID 83707-0006 (US).
(72) MOULI, Chandra; 727 S. Granite Way, Boise, ID 83712 (US). RHODES, Howard; 631 E. Ridgefield Drive, Boise, ID 83706 (US).
(74) D'AMICO, Thomas, J.; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street NW, Washington, WA 20037-1526 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 29/786, G02F 1/136
(11) WO 2004/044991 (13) A1
(21) PCT/KR2003/002460
(22) 14 Nov/nov 2003 (14.11.2003)
(25) en (26) en
(30) 10-2002-0070708 14 Nov/nov 2002 KR
(14.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • THIN FILM TRANSISTOR ARRAY PANEL AND MANUFACTURING METHOD THEREOF
• PANNEAU A RESEAU DE TRANSISTORS EN COUCHES MINCES
(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) HWANG, Chang-Won [KR/KR]; Sanghyun-maeul Hyundai 5cha Apt. 204-2003, Sanghyun-ri, Suji-cup, 449-130 Yongin-city, Kyungki-do (KR). CHUNG, Woo-Suk [KR/KR]; Park Apt. A-204, 328-2, Bisan-dong, Dongan-ku, 431-050 Anyang-city, Kyungki-do (KR).
(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

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- (51)⁷ H01L 29/10, 29/786
(11) WO 2004/044990 (13) A1
(21) PCT/US2003/026957

- (22) 28 Aug/août 2003 (28.08.2003)
(25) en (26) en
(30) 10/290,904 8 Nov/nov 2002 US
(08.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ONE TRANSISTOR DRAM CELL STRUCTURE AND METHOD FOR FORMING
• STRUCTURE DE CELLULE DRAM A UN TRANSISTOR ET PROCEDE DE FORMATION ASSOCIE
(71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(72) BURNETTE, James, D.; 3408 Laurelledge Lane, Austin, TX 78731 (US).
(74) WUAMETT, Jennifer, B. et al. / etc.; SPS PATENT OPERATION MANAGER - ON BEHALF OF MOTOROLA, INC., Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01L 29/786, G02F 1/136
(11) WO 2004/044991 (13) A1
(21) PCT/KR2003/002460
(22) 14 Nov/nov 2003 (14.11.2003)
(25) en (26) en
(30) 10-2002-0070708 14 Nov/nov 2002 KR
(14.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • THIN FILM TRANSISTOR ARRAY PANEL AND MANUFACTURING METHOD THEREOF
• PANNEAU A RESEAU DE TRANSISTORS EN COUCHES MINCES
(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) HWANG, Chang-Won [KR/KR]; Sanghyun-maeul Hyundai 5cha Apt. 204-2003, Sanghyun-ri, Suji-cup, 449-130 Yongin-city, Kyungki-do (KR). CHUNG, Woo-Suk [KR/KR]; Park Apt. A-204, 328-2, Bisan-dong, Dongan-ku, 431-050 Anyang-city, Kyungki-do (KR).
(74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, 135-080 Seoul (KR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ H01L 29/786, 29/423, 21/336

(11) WO 2004/044992 (13) A1

(21) PCT/US2003/032662

(22) 14 Oct/oct 2003 (14.10.2003)

(25) en (26) en

(30) 10/290,158 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DOUBLE GATE SEMICONDUCTOR
DEVICE HAVING SEPARATE GATES
• DISPOSITIF A SEMI-CONDUCTEUR
DOUBLE GRILLE PRESENTANT DES
GRILLES SEPARÉES

(71) ADVANCED MICRO DEVICES, INC.
[US/US]; One AMD Place, Mail Stop 68,
P.O. Box 3453, Sunnyvale, CA 94088-3453
(US).

(72) AHMED, Shibly, S.; 350 Elan Village Lane,
#105, San Jose, CA 95134 (US). WANG,
Haihong; 34170 Donahue Terrace, Fremont,
CA 94555 (US). YU, Bin; 1373 Poppy Way,
Cupertino, CA 95014 (US).

(74) COLLOPY, Daniel, R.; Advanced Micro
Devices, Inc., One AMD Place, Mail Stop
68, Sunnyvale, CA 94088-3453 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT RO
RU SC SD SE SG SK SL TJ TM TN TR TT
TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT RO SE SI SK TR); OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD
TG).

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(51)⁷ H01L 31/00

(11) WO 2004/044993 (13) A2

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(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

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(07.11.2002)

(30) 10/370,950 21 Feb/fév 2003 US
(21.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SPATIALLY MODULATED PHOTODE-
TECTORS

- PHOTODÉTECTEURS À MODULA-
TION SPATIALE

(71) ELANTEC SEMICONDUCTOR, INC.
[US/US]; 675 Trade Zone Boulevard, Milpi-
tas, CA 95035 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) RUBIN, Mark, E. [US/US]; 1316 Mil-
lich Lane, San Jose, CA 95117 (US). ZHAO,
Yang [CN/US]; 660 Yampa Way, Fremont,
CA 94539 (US).

(74) FLIESLER, Martin, C.; Fliesler Dubb
Meyer and Lovejoy LLP, Four Embarcadero
Center - Suite 400, San Francisco, CA
94111-4156 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC 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 31/105, 31/0352, 31/0224

(11) WO 2004/044994 (13) A2

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(43) 27 May/mai 2004 (27.05.2004)

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VERTICAL PIN PHOTODIODE USED
IN BICMOS TECHNOLOGY

- PHOTODIODE PIN VERTICALE A IN-
TEGRATION MONOLITHIQUE DANS
LE CADRE DE LA TECHNOLOGIE
BICMOS

(61) DE Not furnished /
non communiqué (POA)
12 Nov/nov 2003 (12.11.2003)

(71) X-FAB SEMICONDUCTOR
FOUNDRIES AG [DE/DE]; Haar-
bergstrasse 67, 99097 Erfurt (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) EINBRODT, Wolfgang [DE/DE]; Her-
mann-Brill-Strasse 89, 99099 Erfurt (DE).
ZIMMERMANN, Horst [DE/AT]; Hein-
rich-Collin-Strasse 29 bis 31, Stiege 3/6,
A-1140 Wien (AT). FOERTSCH, Michael
[AT/AT]; Linzerstrasse 192/1/7, A-1140
Wien (AT).

(74) LEONHARD, Reimund et al. / etc.; Leon-
hard Olgemoeller Fricke, Postfach 10 09 62,
80083 München (DE).

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BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ H01L 33/00, G02B 27/44

(11) WO 2004/044995 (13) A1

(21) PCT/CH2003/000721

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 02405977.6 13 Nov/nov 2002 EP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • LIGHT EMITTING DEVICE
• DISPOSITIF EMETTEUR DE LUMIERE

(71) HEPTAGON OY [CH/CH]; Zweignieder-
lassung Zürich, Badenerstrasse 569, CH-8048
Zürich (CH).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) KETTUNEN, Ville [FI/CH]; Saumack-
erstrasse 37, CH-8048 Zürich (CH). RUD-
MANN, Hartmut [DE/CH]; Löwenstrasse
21, CH-8400 Winterthur (CH). ROSSI,
Markus [CH/CH]; Blumenaustrasse 3,
CH-8645 Jona (CH).

(74) FREI PATENTANWALTSBÜRO AG;
Postfach 524, CH-8029 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG US UZ VC VN YU
ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H01L 35/34, G01N 27/16, G01J 1/02

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(22) 11 Nov/nov 2003 (11.11.2003)

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(30) 2002-327727 12 Nov/nov 2002 JP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • THERMOELECTRIC TRANSDUCING
MATERIAL THIN FILM, SENSOR DE-
VICE, AND ITS MANUFACTURING
METHOD

- FILM MINCE DE MATERIAU TRANSDUCTEUR THERMOELECTRIQUE, DETECTEUR ET PROCEDE DE FABRICATION ASSOCIE
- (71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SHIN, Woosuck [KR/JP]; c/o AIST Chubu, National Institute of Advanced Industrial Science and Technology, 2266-98, Aza-Anagahora, Oaza-Shimoshidami, Moriyama-ku, Nagoya-shi, Aichi 463-8560 (JP). QIU, Fabian [CN/JP]; c/o AIST Chubu, National Institute of Advanced Industrial Science and Technology, 2266-98, Aza-Anagahora, Oaza-Shimoshidami, Moriyama-ku, Nagoya-shi, Aichi 463-8560 (JP). IZU, Noriya [JP/JP]; c/o AIST Chubu, National Institute of Advanced Industrial Science and Technology, 2266-98, Aza-Anagahora, Oaza-Shimoshidami, Moriyama-ku, Nagoya-shi, Aichi 463-8560 (JP). MATSUBARA, Ichiro [JP/JP]; c/o AIST Chubu, National Institute of Advanced Industrial Science and Technology, 2266-98, Aza-Anagahora, Oaza-Shimoshidami, Moriyama-ku, Nagoya-shi, Aichi 463-8560 (JP). MURAYAMA, Norimitsu [JP/JP]; c/o AIST Chubu, National Institute of Advanced Industrial Science and Technology, 2266-98, Aza-Anagahora, Oaza-Shimoshidami, Moriyama-ku, Nagoya-shi, Aichi 463-8560 (JP).
- (74) SUDO, Masahiko; Shinyo Bldg. 6F, 6-1, Nihonbashi-Muromachi 1-chome, Chuo-ku, Tokyo 103-0022 (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 JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01L 41/113, 41/04, H02J 7/32
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(22) 4 Nov/nov 2003 (04.11.2003)
(25) en (26) en
(30) 10/287,672 5 Nov/nov 2002 US (05.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • METHOD AND APPARATUS FOR AN INCIDENTAL USE PIEZOELECTRIC ENERGY SOURCE WITH THIN-FILM BATTERY
• PROCEDE ET APPAREIL POUR UTILISATION ACCESSOIRE D'UNE SOURCE D'ENERGIE PIEZO-ELECTRIQUE PRESENTANT UNE BATTERIE A FILM MINCE
- (71) INFINITE POWER SOLUTIONS, INC. [US/US]; 8130 Shaffer Parkway, Littleton, CO 80127-4107 (US).
- (72) PEARCE, Michael; 2113 Wimbledon Drive, Loveland, CO 80538 (US).
- (74) SCHWARTZ, Jeff et al. / etc.; PRESTON GATES ELLIS & ROUVELAS MEEDS LLP, 1735 New York Avenue NW, Suite 500, 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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(30) 2,411,683 13 Nov/nov 2002 CA (13.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ORGANIC LIGHT EMITTING DIODE (OLED) WITH CONTRAST ENHANCEMENT FEATURES
• DIODE ELECTROLUMINESCENTE ORGANIQUE (OLED) PRESENTANT DES CARACTERISTIQUES D'AMELIORATION DE CONTRASTE
- (71) LUXELL TECHNOLOGIES INC. [CA/CA]; 2145 Meadowpine Blvd., Mississauga, Ontario L5N 6R8 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WOOD, Richard, P. [CA/CA]; 121 Wellington Street, Delhi, Ontario N4B 1S6 (CA). JOHNSON, David, J. [CA/CA]; 60 Chatham Avenue, Toronto, Ontario M4J 1K6 (CA).
- (74) DE KLEINE, Geoffrey, B., C.; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H01L 51/30, 51/20
(11) WO 2004/045000 (13) A2
(21) PCT/US2003/035295
(22) 4 Nov/nov 2003 (04.11.2003)
(25) en (26) en
(30) 10/288,785 6 Nov/nov 2002 US (06.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ORGANIC LIGHT EMITTING MATERIALS AND DEVICES
• MATIERES ET DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES
- (71) UNIVERSAL DISPLAY CORPORATION [US/US]; 375 Phillips Boulevard, Ewing, NJ 08618 (US). THE UNIVERSITY OF SOUTHERN CALIFORNIA [US/US]; 3716 S. Hope Street, Los Angeles, CA 90007-4344 (US).
- (72) MA, Bin; 507 Pinoak Drive, Monroeville, PA 15146 (US). WALTERS, Robert, W.; 5189
- (51)⁷ H01L 51/20
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(21) PCT/IB2003/004954
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(25) de (26) de
(30) 102 52 903.5 12 Nov/nov 2002 DE (12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ORGANIC ELECTROLUMINESCENT LIGHT SOURCE WITH AN ANTI-REFLECTION COATING
• SOURCE LUMINEUSE ORGANIQUE ELECTROLUMINESCENTE A COUCHE ANTI-REFLEXION
- (71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)
- (72, 75) GREINER, Horst [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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

- School Road South, Export, PA 15632 (US). **KNOWLES, David, B.**; 1006 Blueberry Drive, Apollo, PA 15613 (US). **KWONG, Raymond**; 6 Lee Court, Plainsboro, NJ 08536 (US). **TUNG, Yeh-Jiun**; 10223 Taylor Court, West Windsor, NJ 08550 (US). **DJUROVICH, Peter, I.**; 1723 1/2 E. Second Street, Long Beach, CA 90802 (US). **THOMPSON, Mark, E.**; 4447 Pepper Creek Way, Anaheim, CA 92807 (US).
- (74) **MEAGHER, Thomas, F. 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (11) **WO 2004/045001** (13) A2
- (21) PCT/US2003/035585
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 10/290,656 **8 Nov/nov 2002 US (08.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ORGANIC LIGHT EMITTING MATERIALS AND DEVICES
- MATÉRIAUX ET DISPOSITIFS ÉLECTROLUMINESCENTS ORGANIQUES
- (71) **UNIVERSAL DISPLAY CORPORATION** [US/US]; 375 Phillips Boulevard, Ewing, NJ 08618 (US).
- (72) **TSAI, Jui-Yi**; 620 Garden City Drive, Monroeville, PA 15146 (US). **WALTERS, Robert, W.**; 5189 School Road South, Export, PA 15632 (US). **BARONE, Michael**; 206 Catalpha Place, Pittsburgh, PA 15128 (US).
- (74) **MEAGHER, Thomas, F.**; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H01M**
- (11) **WO 2004/045003** (13) A2
- (21) PCT/EP2003/012527
- (22) **10 Nov/nov 2003 (10.11.2003)**
- (25) en (26) en
- (30) MI2002A002383 **11 Nov/nov 2002 IT (11.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ELECTROCHEMICAL GENERATOR
- GENERATEUR ELECTROCHIMIQUE
- (71) **NUVERA FUEL CELLS EUROPE S.R.L.** [IT/IT]; Via Bistolfi, 35, I-20134 Milano (IT). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TORO, Antonio** [IT/IT]; Via Morandi, 17, I-20090 Segrate (IT). **FACCHI, Daniele** [IT/IT]; Via S. Anna, 17, I-25038 Rovato (IT). **MERLO, Luca** [IT/IT]; Via Molera, 12, I-22030 Montorfano (IT).
- (74) **KINZEBACH, Werner et al.** / etc.; Reitstötter, Kinzebach & Partner (GbR), Sternwartstrasse 4, 81679 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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).
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- (51)⁷ **H01M**
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- (21) PCT/JP2003/013564
- (22) **23 Oct/oct 2003 (23.10.2003)**
- (25) en (26) en
- (30) 2002-329978 **13 Nov/nov 2002 JP (13.11.2002)**
- (30) 2003-296773 **20 Aug/août 2003 JP (20.08.2003)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FUEL CELL SYSTEM AND RELATED METHOD
- SYSTÈME DE PILE A COMBUSTIBLE ET PROCÉDE ASSOCIÉ
- (71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MATOKA, Tadashi** [JP/JP]; 7-1002, 3-16, Nookendai 4-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0057 (JP). **OBATA, Takeaki** [JP/JP]; 17-5, Kamariyagishi 8-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0042 (JP).
- (74) **MIYOSHI, Hidekazu et al.** / etc.; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN KR US.
- (84) EP (DE FR GB).
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- (11) **WO 2004/045005** (13) A2
- (21) PCT/US2003/033892
- (22) **24 Oct/oct 2003 (24.10.2003)**
- (25) en (26) en
- (30) 10/288,392 **5 Nov/nov 2002 US (05.11.2002)**
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • GAS DIFFUSION ELECTRODES
- ELECTRODES DE DIFFUSION GAZEUSE
- (71) **METALLIC POWER, INC.** [US/US]; 2320 Camino Vida Roble, Carlsbad, CA 92009 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MUNOZ, Beth, C. [US/US]; 2363 Sandy Lane, Vista, CA 92083 (US). KEPNER, Gilbert, J. [US/US]; 5467 Loganberry Way, Oceanside, CA 92057 (US). PREVETI, Mark, A. [US/US]; 17195 West Bernardo Drive #206, San Diego, CA 92127 (US). XI, Xiaomei [CN/US]; 3537 Cay Drive, Carlsbad, CA 92008 (US).

(74) DARDI, Peter, S. et al. / etc.; Patterson, Thuente, Skaar & Christensen P.A., 4800 IDS Center, 80 South Eighth Street, Minneapolis, MN 55402-2100 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01M 2/02, H01G 9/008

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(21) PCT/JP2003/014299

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-326824 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILM-ENCLOSED BATTERY AND BATTERY ASSEMBLY

• PILE POSSEDANT UNE ENVELOPPE PELLICULAIRE ET BATTERIE

(71) NEC LAMILION ENERGY, LTD. [JP/JP]; 1-1, Miyazaki 4-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-8555 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) OTOHATA, Makihito [JP/JP]; c/o NEC Lamilion Energy, Ltd., 1-1, Miyazaki 4-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-8555 (JP). YAGETA, Hiroshi [JP/JP]; c/o NEC Lamilion Energy, Ltd., 1-1, Miyazaki 4-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-8555 (JP).

(74) MIYAZAKI, Teruo et al. / etc.; 8th Floor, 16th Kowa Bldg., 9-20, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01M 4/04

(11) WO 2004/045007 (13) A2

(21) PCT/CA2003/001739

(22) 13 Nov/nov 2003 (13.11.2003)

(25) fr (26) fr

(30) 2,411,695 13 Nov/nov 2002 CA (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRODE COATED WITH A FILM OBTAINED FROM AN AQUEOUS SOLUTION COMPRISING A WATER-SOLUBLE BINDER, PRODUCTION METHOD THEREOF AND USES OF SAME

• ÉLECTRODE RECOUVERTE D'UN FILM OBTENU À PARTIR D'UNE SOLUTION AQUEUSE COMPORTANT UN LIANT SOLUBLE DANS L'EAU, SON PROCÉDÉ DE FABRICATION ET SES UTILISATIONS

(71) HYDRO-QUÉBEC [CA/CA]; 85, rue Ste-Catherine ouest, Montréal, Québec H2X 3P4 (CA).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ZAGHIB, Karim [CA/CA]; 3672, rue Belcourt, Longueuil, Québec J4M 2M7 (CA). ARMAND, Michel [CA/CA]; 2965, rue Fendall, Montréal, Québec H3T 1N2 (CA). GUERFI, Abdelbast [CA/CA]; 8655, boulevard Rivard, Brossard, Québec J4Z 1W2 (CA). PERRIER, Michel [CA/CA]; 6233, 28E avenue, Montréal, Québec H1T 3H8 (CA). DUPUIS, Elisabeth [CA/CA]; 60B, rue St-François, McMasterville, Québec J3G 1E6 (CA). CHAREST, Patrick [CA/CA]; 1662, rue Calixa-Lavallée, Sainte-Julie, Québec J3E 1P2 (CA).

(74) OGILVY RENAULT; Suite 1600, 1981 McGill College Avenue, Montreal, Québec H3A 2Y3 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01M 4/62

(11) WO 2004/045008 (13) A2

(21) PCT/US2003/035181

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/290,832 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLEXIBLE CATHODES

• CATHODES FLEXIBLES

(63) US 10/290,832 (CON) 8 Nov/nov 2002 (08.11.2002)

(71) THE GILLETTE COMPANY [US/US]; Prudential Tower Building, Boston, MA 02199-8004 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOCZER, Christopher [US/US]; 11 Douglas Ct., Shelton, CT 06484 (US). DELNICK, Frank, M. [US/US]; 505 Old Woodbury Road, Southbury, CT 06488 (US). DEL ROSARIO, Rosauro [US/US]; 7

Padanaram Road #239, Danbury, CT 06811 (US). KANG, Minkoo [US/US]; 82 Sherry Lane, New Milford, CT 06776 (US). POZIN, Michael [US/US]; 10 Bonny Road, Brookfield, CT 06804 (US). PAWLOWSKA, Lucyna, M. [US/US]; 21 Byrd Road, Norwalk, CT 06850 (US). RANA, Dharmendra [IN/IN]; 55 Wildman Street, Apt. 205, Danbury, CT 06810 (US). STEVANOVIC, Maya [CA/CA]; 1500 Worcester Road, Framingham, MA 01702 (US). WECKESSER, John, J. [US/US]; 188 Governors Hill Road, Oxford, CT 06478 (US).

(74) MILLER, Cynthia, R. et al. / etc.; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01M 4/90, 4/96

(11) WO 2004/045009 (13) A1

(21) PCT/JP2003/014359

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-329484 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CATALYST FOR FUEL CELL AND ELECTRODE USING THE SAME

• CATALYSEUR POUR PILE À COMBUSTIBLE ET SON ÉLECTRODE

(71) NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY [JP/JP]; 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 100-8921 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAKAJIMA, Hitoshi [JP/JP]; National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP). HOMMA, Itaru [JP/JP]; National Institute of Advanced Industrial Science and Technology, Tsukuba Central 2, 1-1, Umezono 1-chome, Tsukuba-shi, Ibaraki 305-8568 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H01M 8/00

(11) WO 2004/045010 (13) A2

(21) PCT/US2003/032448

(22) 14 Oct/oct 2003 (14.10.2003)

(25) en (26) en

(30) 10/294,224 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FUEL CELL STACK

• EMPILEMENT DE PILE A COMBUSTIBLE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) DEBE, Mark K.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SCHLEIF, Larry A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). HERDTLE, Thomas; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). STEINBACH, Andrew J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) DAHL, Philip Y., et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H01M 8/00

(11) WO 2004/045011 (13) A2

(21) PCT/US2003/034252

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/292,407 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CORROSION RESISTANT, ELECTRICALLY AND THERMALLY CONDUCTIVE COATING FOR MULTIPLE APPLICATIONS

• REVETEMENT ANTICORROSION A CONDUCTIVITE ELECTRIQUE ET THERMIQUE DESTINE A DE MULTIPLES APPLICATIONS

(71) GENERAL MOTORS CORPORATION [US/US]; 300 Renaissance Center, Mail Code 482-C23-B21, P.O. Box 300, Detroit, MI 48265-3000 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ABD ELHAMID, Mahmoud, H. [EG/US]; 1976 Fleetwood Drive, Grosse Pointe Woods, MI 48236 (US). MIKHAIL, Youssef [US/US]; 12702 Windsor Court, Sterling Heights, MI 48313 (US). BLUNK, Richard, H. [US/US]; 15415 Crestwood, Warren, MI 48044 (US). LISI, Daniel, J. [US/US]; 23009 Hayes, Eastpointe, MI 48021 (US).

(74) BEYER, James, E. et al. / etc.; Dinsmore & Shohl LLP, One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 the following designations / pour les désignations suivantes : AE AG 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 H01M 8/04

(11) WO 2004/045012 (13) A2

(21) PCT/JP2003/013423

(22) 21 Oct/oct 2003 (21.10.2003)

(25) en (26) en

(30) No.2002-328269 12 Nov/nov 2002 JP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FUEL CELL SYSTEM

• SYSTEME DE PILE A COMBUSTIBLE

(71) NISSAN MOTOR CO., LTD. [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YOKOI, Taro [JP/JP]; 2-13-15, Kataseyama, Fujisawa-shi, Kanagawa 251-0033 (JP).

(74) GOTO, Masaki; Shoyu-Kaikan, 3-1, Kasumigasaki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H01M 8/04

(11) WO 2004/045013 (13) A2

(21) PCT/US2003/027560

(22) 3 Sep/sep 2003 (03.09.2003)

(25) en (26) en

(30) 10/294,074 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIQUID COOLED FUEL CELL STACK

• ASSEMBLAGE DE PILES A COMBUSTIBLE A REFROIDISSEMENT LIQUIDE

(71) 3M INNOVATIVE PROPERTIES COMPANY [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) HERDTLE, Thomas; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). MORTAZAVI, Hamid, R.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). STEINBACH, Andrew, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). DEBE, Mark, K.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US). SCHLEIF, Larry, A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) DAHL, Philip, Y. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 H01M 8/10

(11) WO 2004/045014 (13) A2

(21) PCT/US2003/035376

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/289,705 7 Nov/nov 2002 US
(07.11.2002)

(30) 10/638,904 11 Aug/août 2003 US
(11.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGH STABILITY MEMBRANE FOR PROTON EXCHANGE MEMBRANE FUEL CELLS

• MEMBRANE DE HAUTE STABILITE POUR PILES A COMBUSTIBLE A MEMBRANE ECHANGEUSE DE PROTONS

(71) GAS TECHNOLOGY INSTITUTE [US/US]; 1700 South Mount Prospect Road, Des Plaines, IL 60018 (US).

(72) FAN, Qinbai; 2823 S. Emerald Avenue, Chicago, IL 60616 (US). HUSSAIN, Hamid; 7 charlestown Court, Bolingbrook, IL 60440 (US).

(74) FEJER, Mark, E.; Gas Technology Institute, 1700 South Mount Prospect Road, Des Plaines, IL 60018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN 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 H01M 10/40, 4/02, 4/62, 4/52

(11) WO 2004/045015 (13) A1

(21) PCT/EP2003/012512

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 52 305.3 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACTIVATED CATHODES IN LITHIUM-POLYMER BATTERIES CONTAINING FE304 INSTEAD OF CONDUCTIVE CARBON BLACK

• CATHODES ACTIVEES DE BATTERIES AU LITHIUM-POLYMER, CONTENANT DU FE304 A LA PLACE DU NOIR DE CARBONE CONDUCTEUR

(71) GAIA AKKUMULATORENWERKE GMBH [DE/DE]; Montaniastr. 17, 99734 Nordhausen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) NAARMANN, Herbert [DE/DE]; Frankenthalerstr. 12D, 67227 Eppstein (DE). KRUGER, Franz, Josef [DE/DE]; Rosserblick 27, 65817 Eppstein (DE).

(74) LESON, Thomas, Johannes, Alois et al. / etc.; TBK-Patent, Bavariaring 4-6, München 80336 (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM

TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01P

(11) WO 2004/045016 (13) A2

(21) PCT/US2003/035317

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/425,599 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND STRUCTURES FOR ENHANCED TEMPERATURE CONTROL OF HIGH POWER COMPONENTS ON MULTILAYER LTCC AND LTCC-M BOARDS

• PROCEDE ET STRUCTURE POUR AMELIORER LA REGULATION DE LA TEMPERATURE DE COMPOSANTS A GRANDE PUISSANCE SUR DES CARTES LTCC OU LTCC-M

(71) LAMINA CERAMICS INC. [US/US]; 120 Hancock Lane, Westampton, NJ 08060 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) MAZZOCHETTE, Joseph [US/US]; 44 Doncaster Road, Cherry Hill, NJ 08003 (US). TORMEY, Ellen, Schwartz [US/US]; 8 Jeffrey Lane, Princeton Junction, NJ 08550 (US). THALER, Barry, Jay [US/US]; 1 Chopin Lane, Lawrenceville, NJ 08648 (US).

(74) BOOKS, Glen E.; Lowenstein Sandler PC, 65 Livingston Avenue, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01P 1/18

(11) WO 2004/045017 (13) A1

(21) PCT/US2002/035983

(22) 8 Nov/nov 2002 (08.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • VARIABLE POWER DIVIDER

• REPARTITEUR DE PUISSANCE VARIABLE

(71) EMS TECHNOLOGIES, INC. [US/US]; 660 Engineering Drive, Norcross, GA 30092-7700 (US).

(72) RUNYON, Donald, L.; 7040 Devonhall Way, Duluth, GA 30097 (US).

(74) PETTY, W., Scott; King & Spalding, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01P 1/20, 7/06, 7/04

(11) WO 2004/045018 (13) A1

(21) PCT/US2003/032743

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,620 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COUPLED RESONATOR FILTERS FORMED BY MICROMACHINING

• FILTRES A RESONATEURS COUPLES FORMES PAR MICRO-USINAGE

(71) SOPHIA WIRELESS, INC. [US/US]; 14225 Sullyfield Circle, Suite C, Chantilly, VA 20151 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOH, Philip, J. [US/US]; 5475 Owens Wood Court, Centreville, VA 20120 (US). NEMETH, David, T. [US/US]; 3521 Alton Place, Washington, DC 20008 (US).

(74) FIELDS, Kenneth, W. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01Q

(11) WO 2004/045019 (13) A2

(21) PCT/US2003/033774

(22) 28 Oct/oct 2003 (28.10.2003)

- (25) en (26) en
- (30) 60/424,850 **8 Nov/nov 2002** US
(08.11.2002)
- (30) 10/605,593 **10 Oct/oct 2003** US
(10.10.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OPTIMUM UTILIZATION OF SLOT GAP IN PIFA DESIGN
• UTILISATION OPTIMALE D'INTER-VALLE DE FENTE DANS UNE STRUCTURE PIFA
- (71) CENTURION WIRELESS TECHNOLOGIES, INC. [US/US]; 3425 North 44th Street, Lincoln, NE 68504 (US).
- (72) KADAMBI, Govind, Rangaswamy; 2344 North 44th Street, Apt. #24, Lincoln, NE 68504 (US). HARDY, Willis, Raymond; 1604 Kennedy Drive, Lincoln, NE 68467 (US). YARASI, Sripathi; 620 South 52nd Street, Lincoln, NE 68510 (US). HEBRON, Theodore, Samuel; 5221 South 78th Street, Lincoln, NE 68504 (US).
- (74) SIRR, Francis, A.; Holland & Hart LLP, P.O. Box 8749, Denver, CO 80201-8749 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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- (51)⁷ H01Q 1/38
- (11) WO 2004/045020 (13) A1
- (21) PCT/US2003/036000
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 10/290,666 **8 Nov/nov 2002** US
(08.11.2002)
- (30) 10/290,667 **8 Nov/nov 2002** US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OFFSET STACKED PATCH ANTENNA AND METHOD
• ANTENNE À PLAQUES EMPILÉES DÉCALÉES ET PROCÉDÉS ASSOCIÉS
- (71) KVH INDUSTRIES, INC. [US/US]; 50 Enterprise Center, Middletown, RI 02842-5268 (US).
- (72) MCCARRICK, Charles, D.; 15 Wildwood Road, Plymouth, MA 02360 (US).
- (74) DEUTSCH, Stephen, B. et al. / etc.; Patent Group, Foley, Hoag LLP, 155 Seaport Boulevard, Boston, MA 02210 (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).

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- (51)⁷ H01Q 3/26, H01P 1/18, H01Q 3/22, 13/28
- (11) WO 2004/045021 (13) A1
- (21) PCT/US2003/036284
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) en (26) en
- (30) 10/294,863 **13 Nov/nov 2002** US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OPTICALLY AND FREQUENCY SCANNED ARRAY
• RESEAU A BALAYAGE OPTIQUE ET EN FREQUENCES
- (71) RAYTHEON COMPANY [US/US]; 141 Spring Street, Lexington, MA 02421-1108 (US).
- (72) NEWBERG, Irwin, L.; 702 Palisades Dr, Pacific Palisades, CA 90272 (US). WILKINSON, Steven, R.; 26069 Baldwin Place, Stevenson Ranch, CA 91381 (US). Lee, Jar, J.; 24 Christamon East, Irvine, CA 92620 (US). ROSEN, Robert, A.; 1648 Meander Dr, Simi Valley, CA 93065 (US). KRIKORIAN, Kapriel, V.; 23212 Park Corniche, Calabasas, CA 91302 (US).
- (74) ALKOV, Leonard, A.; Raytheon Company, 2000 East El Segundo Blvd, P O Box 902 (EO/E1/E150), El Segundo, CA 90245-0902 (US).
- (81) JP KR NO.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
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- Published / Publiée : (c)
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- (51)⁷ H01Q 9/30
- (11) WO 2004/045022 (13) A1
- (21) PCT/KR2002/002422
- (22) 24 Dec/déc 2002 (24.12.2002)
- (25) en (26) en
- (30) 2002/70497 **13 Nov/nov 2002** KR
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FOLDED MONOPOLE ANTENNA
• ANTENNE UNIPOLAIRE REPLIEE
- (71, 72) CHANG, Eung-Soon [KR/KR]; #1014-801 Mokdong Sinsikagi Apt., 311 Sinjung-dong, Yangchen-gu, 158-070 Seoul (KR).
- (74) YOO, Dong-Ho; YOO Dong-Ho PATENT & LAW OFFICE, Rm.903 Kangnam Bldg., 1321-1 Socho-dong, Socho-gu, 137-070 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H01Q 9/30
- (11) WO 2004/045023 (13) A1
- (21) PCT/KR2002/002423
- (22) 24 Dec/déc 2002 (24.12.2002)
- (25) en (26) en
- (30) 10-2002-0070715 **14 Nov/nov 2002** KR
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FOLDED MONOPOLE INTENNA
• ANTENNE INTEGREE UNIPOLAIRE REPLIEE
- (71, 72) CHANG, Eung-Soon [KR/KR]; #1014-801 Mokdong Sinsikagi Apt., 311 Sinjung-dong, Yangchen-gu, 158-070 Seoul (KR).
- (74) YOO, Dong-Ho; Yoo Dong-Ho Patent & Law Office, Rm.903 Kangnam Bldg., 1321-1 Socho-dong, Socho-gu, 137-070 Seoul (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ 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 H01R
- (11) WO 2004/045024 (13) A2
- (21) PCT/IB2003/006388
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) en (26) en
- (30) 10/292,089 **10 Nov/nov 2002** US
(10.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • HIGH PERFORMANCE, HIGH CAPACITANCE GAIN, JACK CONNECTOR FOR DATA TRANSMISSION OR THE LIKE
• CONNECTEUR DE JACK A HAUTE PERFORMANCE ET A GRANDE CAPACITE DE GAIN DESTINE A LA TRANSMISSION DE DONNEES OU EQUIVALENT
- (71) BEL FUSE LTD. [CN]; Luk Hop Industrial Building, 8 Luk Hop Street, 8th Floor, San Po Kong, Kowloon, Hong Kong (CN).
- (72) COLANTUONO, Robert, G.; 4334 Wynnefield Drive, Dover, PA 17315 (US). MAROWSKY, Richard, D.; 801 Willow Ridge Drive, York, PA 17404 (US). COWBURN, Jason, R.; 3932 Sharoden Drive, York, PA 17404 (US). BUSH, Dennis, A.; 669 Colonial Avenue, York, PA 17404 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01R

(11) WO 2004/045025 (13) A2

(21) PCT/US2003/035612

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,604 7 Nov/nov 2002 US (07.11.2002)

(30) 10/689,465 20 Oct/oct 2003 US (20.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CLAMPING APPARATUS FOR CONNECTING GROUND WIRE TO GROUNDING MEMBER

• APPAREIL DE SERRAGE PERMETTANT DE CONNECTER UN FIL DE TERRE A UN ELEMENT DE MISE A LA TERRE

(71) CONSOLIDATED MANUFACTURING INTERNATIONAL, LLC [US/US]; 6021-A Triangle Drive, Raleigh, NC 27617 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLARK, Reuben [US/US]; 313 Berthel Drive, Cary, NC 27513 (US). WEISE, Gary [US/US]; 30501 Via Ventana, San Juan Capistrano, CA 92675 (US).

(74) SAVAGE, Michael, G. et al. / etc.; Burns, Doane, Swecker & Mathis, LLP, P.O. Box 1404, Alexandria, VA 22313-1404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H01R

(11) WO 2004/045026 (13) A2

(21) PCT/US2003/035615

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,338 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OXIDATION-PROTECTED METALLIC FOIL IN METHODS

• FEUILLE METALLIQUE PROTEGEE DE L'OXYDATION ET PROCEDES ASSOCIES

(71) ADVANCED LIGHTING TECHNOLOGIES, INC. [US/US]; 32000 Aurora Road, Solon, OH 44139 (US).
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(72, 75) TRYGGVI, Emilsson [IS/US]; 115 W. Washington Street, #4, Urbana, IL 61801 (US).

(74) ENGLISH, Joseph, D.; Duane Morris, LLP, 1667 K Street, N.W., Suite 700, Washington, D.C. 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 4/04, H01B 1/22, C09J 9/02, 11/04

(11) WO 2004/045027 (13) A1

(21) PCT/US2003/029887

(22) 23 Sep/sep 2003 (23.09.2003)

(25) en (26) en

(30) §002-324225 7 Nov/nov 2002 JP (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ANISOTROPIC CONDUCTIVE ADHESIVE AND FILM

• ADHESIF ET FILM CONDUCTEUR ANISOTROPE

(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) YAMAGUCHI, Hiroaki [JP/JP]; 3-1-A-704, Shimoyugi, Hachiohji-city, Tokyo 192-0372 (JP). AKIYAMA, Ryota [JP/JP]; 3-2-707, Shimoyugi 3-chome, Hachiohji-city, Tokyo 192-0372 (JP).

(74) HARTS, Dean M. et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 4/30

(11) WO 2004/045028 (13) A1

(21) PCT/EP2003/009722

(22) 2 Sep/sep 2003 (02.09.2003)

(25) de (26) de

(30) 202 17 501.4 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CABLE CONNECTION

• RACCORD DE CABLE

(71) ANTON HUMMEL VERWALTUNGS GMBH [DE/DE]; Mozartstrasse 2, 79183 Waldkirch (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BARTHOLOMÄ, Mario [DE/DE]; Frohngartenstrasse 8, 79297 Winden (DE). ZÜGEL, Fritz [DE/DE]; Bürgerwehrstrasse 12, 79183 Waldkirch (DE). GÖTZ, Volker [DE/DE]; Brunnengasse 24, 79341 Kenzingen (DE). GERBER, Philipp [DE/DE]; Dorfstrasse 32/1, 79261 Gutach-Bleibach (DE).

(74) MAUCHER, Wolfgang et al. / etc.; Maucher, Börjes & Kollegen, Dreikönigstrasse 13, 79102 Freiburg i. Br. (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01R 13/08

(11) WO 2004/045029 (13) A1

(21) PCT/KR2003/000090

(22) 16 Jan/jan 2003 (16.01.2003)

(25) ko (26) en

(30) 20-2002-0033964 11 Nov/nov 2002 KR
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AN ELECTRICAL CONNECTION DEVICE FOR A CORD REEL

• DISPOSITIF DE CONNEXION ELECTRIQUE POUR ENROULEUR DE CABLE

(71) DUAL MECHANICS CO. LTD. [KR/KR]; 4B, Gobu Agricultural & Industrial Complex, Deokan-ri, Gobu-myeon, 580-863 Jungeup (KR).

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(72, 75) HAN, Hee-Sung [KR/KR]; 4b, Gobu Agricultural & Industrial Complex, Deokan-ri, Gobu-myeon, 580-863 Jungeup-City (KR). SEO, Sang-Won [KR/KR]; 4B, Gobu Agricultural & Industrial Complex, Deokan-ri, Gobu-myeon, 580-863 Jungeup-City (KR).

(74) LEE, Moon-Jae; Laywer's Association BLDs., #905, 1389 Dunsan-Dong Seo-Gu, 302-831 Daejeon (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S

(11) WO 2004/045030 (13) A2

(21) PCT/US2003/035939

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/293,423 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PLANAR OPTICAL WAVE-GUIDE WITH DIELECTRIC MIRRORS

• GUIDE D'ONDES OPTIQUES PLANAIRE A MIROIRS DIELECTRIQUES

(71) HONEYWELL INTERNATIONAL INC [US/US]; 101 Columbia Road, Morristown, NJ 07962 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOI, Yutaka [US/US]; 10350 Swift Stream Place, Apt. #206, Columbia, MD 21044 (US).

(74) BINGHAM MCCUTCHEN LLP et al. / etc.; Three Embarcadero Center, San Francisco, CA 94111-4067 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H01S

(11) WO 2004/045031 (13) A2

(21) PCT/US2003/036336

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,738 13 Nov/nov 2002 US
(13.11.2002)(30) 60/493,769 11 Aug/août 2003 US
(11.08.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LASER UNIT, INSPECTION UNIT METHOD FOR INSPECTING AND ACCEPTING/REMOVING SPECIFIED PELLET-SHAPED ARTICLES FROM A CONVEYER MECHANISM, AND PHARMACEUTICAL ARTICLE

• APPAREIL LASER, INSTALLATION D'INSPECTION, PROCEDE POUR L'INSPECTION ET L'ACCEPTATION/LE RETRAIT D'ARTICLES DETERMINE EN FORME DE PASTILLES A PARTIR D'UN MECANISME CONVOYEUR, ET PRODUIT PHARMACEUTIQUE

(71) ACKLEY MACHINE CORPORATION [US/US]; 1273 North Church Street, Moorestown, NJ 08057 (US).

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(72, 75) ACKLEY, E., Michael, Jr. [US/US]; 150 Harris Road, Mannington, NJ 08079-4324 (US). PALMER, Daniel, J. [US/US]; 1409, Beverly Drive, Quakertown, PA 18951 (US).

(74) BOWEN, Paul, T.; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H01S 3/042

(11) WO 2004/045032 (13) A1

(21) PCT/US2003/011579

(22) 14 Apr/avr 2003 (14.04.2003)

(25) en (26) en

(30) 10/124,911 18 Apr/avr 2002 US
(18.04.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEMS AND METHODS FOR THERMAL MANAGEMENT OF DIODE-PUMPED SOLID-STATE LASERS

• SYSTEMES ET PROCEDES DE GESTION THERMIQUE DE LASERS A SOLIDE POMPES PAR DIODE

(71) THE BOEING COMPANY [US/US]; P.O. Box 3707, M/S 13-08, Seattle, WA 98124-2207 (US).

(72) VETROVEC, Jan; 2583 Rikkard Drive, Thousand Oaks, CA 91362 (US). RICE, Robert, R.; 391 Sycamore Grove Street, Simi Valley, CA 93065-7344 (US).

(74) GALBRAITH, Ann, K.; The Boeing Company, P.O. Box 3707 M/S 13-08, Seattle, WA 98124-2207 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(11) WO 2004/045033 (13) A2

(21) PCT/US2003/036013

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,101 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTI-SPECTRAL LINE RAMAN LASER

• LASER RAMAN A RAIES SPECTRALES MULTIPLES

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) KUKSENKOV, Dmitir, V.; 117 Brook Road, Painted Post, NY 14870 (US).

(74) REDMAN, Mary, Y.; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DMDZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG 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 H01S 3/091

(11) WO 2004/045034 (13) A1

(21) PCT/US2003/036744

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/294,997 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIODE-PUMPED SOLID-STATE THIN
SLAB LASER

• LASER A SOLIDE A PLAQUE MINCE
POMPE PAR DIODES

(71) SPECTRA-PHYSICS, INC. [US/US];
1335 Terra Bella Avenue, Mountain View,
CA 94039 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) HODGSON, Norman [GB/US]; 478
27th Street, San Francisco, CA 94131 (US).
HOFFMAN, Hanna, J. [US/US]; 1049
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JORDAN, Wilhelm, A. [US/US]; 380 Blue-
fish Court, Foster City, CA 94404 (US).

(74) DAVIS, Paul; Heller Ehrman White &
McAuliffe LLP, 275 Middlefield Road,
Menlo Park, CA 94025-3506 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ H02G 003/03, H05K 007/20, H01B 009/06

(11) WO 2004/045035 (13) A1

(21) PCT/US2003/036009

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/292,412 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A WIDE BAND HIGH FREQUENCY
COMPATIBLE ELECTRICAL COAX-
IAL

• CABLE ELECTRIQUE COAXIAL
COMPATIBLE HAUTE FREQUENCE
LARGE BANDE

(71) GORE ENTERPRISE HOLDINGS, INC.
[US/US]; 551 Paper Mill Road, P.O. Box
9206, Newark, DE 19714-9206 (US).

(72) BUCKEL, Konrad; Buchenweg 4, 91785
Pleinfeld (DE).

(74) BOLAND, Kevin, J. et al. / etc.; W.L. Gore
& Associates, Inc., 551 Paper Mill Road, P.O.
Box 9206, Newark, DE 19714-9206 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 H02H 7/085, 3/38

(11) WO 2004/045036 (13) A1

(21) PCT/GB2003/004199

(22) 30 Sep/sep 2003 (30.09.2003)

(25) en (26) en

(30) 0226504.9 13 Nov/nov 2002 GB
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FAULT DETECTION APPARATUS AND
METHOD

• APPAREIL ET PROCEDE DE DETEC-
TION DE DEFAULTS

(71) FRDX LIMITED [GB/GB]; 20 Cambridge
Road, West Molesey, Surrey KT8 2AN (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) SCOTT, Gordon, Bryon [GB/GB];
Greenside, Derwent Lane, Hathersage, Hope
Valley S32 1AS (GB). STONE, Rodney,
A. [GB/GB]; 26 Collingwood Place, Wal-
ton-On-Thames, Surrey KT12 1LU (GB).

(74) ROBINSON, Nigel, Alexander, Julian; D
Young & Co, 21 New Fetter Lane, London
EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 H02H 9/00

(11) WO 2004/045037 (13) A1

(21) PCT/US2003/030722

(22) 29 Sep/sep 2003 (29.09.2003)

(25) en

(26) en

(30) 10/287,831 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTEGRATED INRUSH CURRENT
LIMITER CIRCUIT AND METHOD

• CIRCUIT LIMITEUR DE COURANT
D'APPEL INTEGRE ET PROCEDE AS-
SOCIE

(71) SEMICONDUCTOR COMPONENTS
INDUSTRIES L.L.C. [US/US]; PATENT
ADMINISTRATION - A700, 5005 E. MC-
DOWELL ROAD, PHOENIX, AZ 85008
(US).

(72) BALL, Alan; 530 E. Horseshoe Avenue,
Gilbert, AZ 85296 (US). BRIGGS, David;
10900 West Frier Drive, Glendale, AZ 85307
(US). NEE, Suzanne; 1455 East Sagebrush
Street, Gilbert, AZ 85296 (US). ROBB,
Stephen; 13530 North Sunridge Drive,
Fountain Hills, AZ 85268 (US).

(74) STIPANUK, James, J.; Semiconductor
Components Industries L.L.C., 5005 E. Mc-
Dowell Road - MD A700, P.O. Box 62890,
Phoenix, AZ 85082-2890 (US).

(81) AE AG 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)

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 H02H 9/00

(11) WO 2004/045038 (13) A1

(21) PCT/US2003/030918

(22) 1 Oct/oct 2003 (01.10.2003)

(25) en (26) en

(30) 10/291,015 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTEGRATED INRUSH CURRENT
LIMITER CIRCUIT AND METHOD

• CIRCUIT DE LIMITATION DE COU-
RANT D'ENCLenchement IN-
TEGRE ET PROCEDE ASSOCIE

(71) **SEMICONDUCTOR COMPONENTS INDUSTRIES L.L.C.** [US/US]; PATENT ADMINISTRATION - A700, 5005 E. McDOWELL ROAD, PHOENIX, AZ 85008 (US).

(72) **BALL, Alan R.**; 530 E. Horseshoe Avenue, Gilbert, AZ 85296 (US).

(74) **STIPANUK, James, J.**; Semiconductor Components Industries L.L.C., 5005 E. McDowell Road - MD A700, P.O. Box 62890, Phoenix, AZ 85082-2890 (US).

(81) AE AG 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)

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 H02J

(11) **WO 2004/045039** (13) A2

(21) PCT/US2003/035687

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) 10/291,534 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM FOR SYNCHRONIZING VINYL RECORD ALBUM WITH EXTERNAL SOURCE

• PROCEDE ET SYSTEME SERVANT A SYNCHRONISER DES INFORMATIONS SPECIFIQUES A UN EMBLACEMENT SUR UNE SURFACE AVEC UNE SOURCE EXTERIEURE

(71, 72) **SPENCER, Charles, A.** [US/US]; 998 Dover Way, Norcross, GA 30093 (US).

(74) **RUDICH, Rebecca et al.** / etc.; McKenna Long & Aldridge LLP, 1900 K Street, N.W., Washington, D.C. 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 UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02J

(11) **WO 2004/045040** (13) A2

(21) PCT/US2003/035909

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/293,506 **13 Nov/nov 2002 (13.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR GENERATING POWER

• SYSTEME ET PROCEDE DE PRODUCTION DE PUISSANCE

(71, 72) **WASHINGTON, Jerry** [US/US]; 4483 Heatherbrook Boulevard, Tuscaloosa, AL 35405 (US). **WASHINGTON, Dewayne** [US/US]; 4483 Heatherbrook Boulevard, Tuscaloosa, AL 35405 (US).

(74) **GUSS, Paul**; Paul A. Guss, 775 South 23rd Street, First Floor, Suite 2, Arlington, VA 22202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H02J 1/00, 3/00, G05F 1/45

(11) **WO 2004/045041** (13) A1

(21) PCT/JP2003/014234

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) ja (26) ja

(30) 2002-327697 **12 Nov/nov 2002 (12.11.2002)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTROL DEVICE FOR AUTOMATIC MACHINE

• DISPOSITIF DE COMMANDE POUR MACHINE AUTOMATIQUE

(71) **KABUSHIKI KAISHA YASKAWA DENKI** [JP/JP]; 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANAKA, Michiharu** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).

YUASA, Keijiro [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).

(81) CN DE KR SE US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51) H02J 1/08

(11) **WO 2004/045042** (13) A2

(21) PCT/US2003/034824

(22) **30 Oct/oct 2003 (30.10.2003)**

(25) en (26) en

(30) 10/293,531 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR CONTROLLING A POINT-OF-LOAD REGULATOR

• SYSTEME ET PROCEDE PERMETTANT DE COMMANDER UN REGULATEUR POINT DE CHARGE

(71) **POWER-ONE LIMITED** [/]; Corporate Centre, West Bay Road, P. O. Box 31106 SMB, GRAND CAYMAN (KY).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHAPUIS, Alain** [CH/US]; 14495 Shadowlane Court, Morgan Hill, CA 95037 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY DE DK ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02J 3/01, 3/26, H02M 1/12, 7/48, H02P 7/63

(11) **WO 2004/045043** (13) A1

(21) PCT/JP2002/011888

(22) **14 Nov/nov 2002 (14.11.2002)**

(25) ja (26) ja

(30) PCT/JP02/11742 **11 Nov/nov 2002 (11.11.2002)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILTER

• FILTRE

(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) **AKAGI, Hirofumi** [JP/JP]; C/O Tokyo Institute of Technology, 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomon 37 Mori Bldg., 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02J 3/38, F25B 49/02

(11) WO 2004/045044 (13) A1

(21) PCT/IT2003/000613

(22) 10 Oct/oct 2003 (10.10.2003)

(25) it (26) en

(30) MI2002A002414 14 Nov/nov 2002 IT (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A PLANT FOR THE EXPLOITATION OF RENEWABLE ENERGY SOURCES IN COMBINATION WITH TRADITIONAL ENERGY SOURCES, PARTICULARLY FOR THE HEATING AND COOLING OF DWELLINGS

• INSTALLATION D'EXPLOITATION DE SOURCES D'ÉNERGIES RENOUVELABLES EN ASSOCIATION AVEC DES SOURCES D'ÉNERGIE TRADITIONNELLES, NOTAMMENT LE CHAUFFAGE ET LE REFRIGÉRISSMENT D'IMMEUBLES D'HABITATION

(71, 72) **CASSANI, Walter** [IT/IT]; Via Zara, 29, I-20010 Vittuone (IT). **SCARIONI, Alessandro** [IT/IT]; Via Buonarroti, 5, I-20010 Ossona (IT).

(74) **SINISCALCO, Fabio** et al. / etc.; Jacobacci & Partners S.p.A., Via Senato, 8, I-20121 Milano (IT).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 2004/045045 (13) A1

(21) PCT/US2003/035642

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/290,935 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RECHARGEABLE SYSTEM FOR MOVABLE TOY

• SYSTEME DE RECHARGEMENT POUR JOUET MOBILE

(71) **SILVERLIT TOYS INC** [US/US]; 17800 Castleton Street, suite 463, City of Industry, CA 91748 (US). **SILVERLIT TOY MANUFACTORY, LTD.** [CN/CN]; 1701-03 World Trade Center, 280 Gloucester Road, Causeway Bay, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOI, Kei Fung** [CN/CN]; 1701-03 World Trade Center, 280 Gloucester Road, Causeway Bay, Hong Kong (CN).

(74) **BERMAN, Charles** et al. / etc.; Greenberg Traurig LLP, 2450 Colorado Avenue, Suite 400E, Santa Monica, CA 90404 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(s) for all designations / pour toutes les désignations

(51)⁷ H02J 11/00

(11) WO 2004/045046 (13) A1

(21) PCT/SE2003/001731

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 0203374-4 13 Nov/nov 2002 SE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AUXILIARY POWER SUPPLY

• ALIMENTATION ÉLECTRIQUE AUXILIAIRE

(71) **ABB AB** [SE/SE]; Kopparbergsvägen 2, S-721 83 Västerås (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ÄNGQUIST, Lennart** [SE/SE]; Åsundavägen 26, S-745 71 Enköpings (SE).

(74) **ABB AB**; Legal & Compliance/ Intellectual Property, Forskargränd 8, S-721 78 Västerås (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02K 1/27, 21/22

(11) WO 2004/045047 (13) A2

(21) PCT/US2003/035422

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/290,506 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PERMANENT MAGNET MOTOR ROTOR HAVING MAGNETIC PERMEABLE MATERIAL FOR ENHANCED FLUX DISTRIBUTION

• ROTOR DE MOTEUR A AIMANT PERMANENT CONTENANT UN MATERIAU A PERMEABILITE MAGNETIQUE DESTINE A AMELIORER LA DISTRIBUTION DE FLUX

(63) US 10/290,506 (CIP) 8 Nov/nov 2002 (08.11.2002)

(71) **WAVECREST LABORATORIES LLC** [US/US]; 45600 Terminal Drive, Dulles, VA 20166 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASIOV, Boris, A.** [US/US]; 10814 Oldfield Drive, Reston, VA 20191 (US). **SOGHOMONIAN, Zareh, Salmasi** [GB/US]; 22340 Great Trail Terrace, Sterling, VA 20164 (US).

(74) **WAVECREST LABORATORIES LLC**; Attn: Intellectual Property Group/bam/cjj, 45600 Terminal Drive, Dulles, VA 20166 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

- MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H02K 3/47, 15/04, H01F 41/06, 41/12**
 (11) **WO 2004/045048** (13) A1
 (21) PCT/JP2003/009170
 (22) **18 Jul/juil 2003 (18.07.2003)**
 (25) en (26) en
 (30) **PATENT02-32895113 Nov/nov 2002 JP (13.11.2002)**
 (43) 27 May/mai 2004 (27.05.2004)
- (54) • **SLOTLESS ROTARY ELECTRIC MACHINE AND MANUFACTURING METHOD OF COILS FOR SUCH A MACHINE**
 • **MACHINE ELECTRIQUE ROTATIVE EXEMPTÉ DE FENTE ET PROCÉDÉ DE FABRICATION DE BOBINES DESTINÉES À UNE TELLE MACHINE**
- (71) **HONDA GIKEN KOGYO KABUSHIKI KAISHA** [JP/JP]; 1-1, Minami-Aoyama 2-chome, Minato-ku, Tokyo 107-0062 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAGANO, Masao** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP). **OZAWA, Masaru** [JP/JP]; c/o Kabushiki Kaisha Honda Gijutsu Kenkyusho, 4-1, Chuo 1-chome, Wako-shi, Saitama 351-0113 (JP).
- (74) **OSHIMA, Yoichi**; 7th Floor, Kitagawa Bldg., 42, Kagurazaka 6-chome, Shinjuku-ku, Tokyo 162-0825 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ **H02K 11/00**
 (11) **WO 2004/045049** (13) A1
 (21) PCT/DE2003/003545
 (22) **24 Oct/oct 2003 (24.10.2003)**
 (25) de (26) de
 (30) **102 52 754.7 13 Nov/nov 2002 DE (13.11.2002)**
 (43) 27 May/mai 2004 (27.05.2004)
- (54) • **ELECTRIC MOTOR COMPRISING A TEMPERATURE MONITORING DEVICE**
 • **MOTEUR ELECTRIQUE EQUIPE D'UN DISPOSITIF DE SURVEILLANCE DE LA TEMPERATURE**

- (71) **REXROTH INDRAMAT GMBH** [DE/DE]; Postfach 13 57, 97803 Lohr am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRÖNING, Ingolf** [DE/DE]; Am Rechtenbach 5, 97816 Lohr am Main (DE). **SCHNURR, Bernd** [DE/DE]; Zur Kehlspitze 4, 97816 Lohr am Main (DE).
- (74) **THÜRER, Andreas**; Bosch Rexroth AG, Zum Eisengiesser 1, 97816 Lohr am Main (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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)
-
- (51)⁷ **H02K 19/36**
 (11) **WO 2004/045050** (13) A1
 (21) PCT/JP2002/011727
 (22) **11 Nov/nov 2002 (11.11.2002)**
 (25) ja (26) ja
 (43) 27 May/mai 2004 (27.05.2004)
- (54) • **THREE-PHASE AC GENERATOR FOR VEHICLE**
 • **GENERATEUR CA TRIPHASE POUR VEHICULE**
- (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) **KASHIHARA, Toshiaki** [JP/JP]; c/o Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-Chome, Chiyoda-ku, Tokyo 100-8310 (JP).
- (74) **OIWA, Masuo** et al. / etc.; 14-1, 2-chome, Minamitsukaguchi-cho, Amagasaki-shi, Hyogo 661-0012 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).
-
- (51)⁷ **H02M**
 (11) **WO 2004/045051** (13) A2
 (21) PCT/US2003/035778
 (22) **12 Nov/nov 2003 (12.11.2003)**
 (25) en (26) en
 (30) **60/425,553 12 Nov/nov 2002 US (12.11.2002)**
 (30) **10/389,037 14 Mar/mar 2003 US (14.03.2003)**
 (30) **10/668,459 23 Sep/sep 2003 US (23.09.2003)**

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • **CONTROLLER FOR DC TO DC CONVERTER**
 • **REGULATEUR POUR TRANSFORMATEUR À COURANT CONTINU**
- (71) **O2MICRO, INC.** [US/US]; 3118 Patrick Henry Drive, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIPCSEI, Laszlo** [RO/US]; 1550 Maurice Lane #71, San Jose, CA 95129 (US). **POPESCU, Serban-Mihai** [RO/US]; 2143 Violet Way, Campbell, CA 95008 (US).
- (74) **PFLÉGER, Edmund P.**, et al. / etc.; Grossman Tucker Perreault & Pfléger, PLLC, 55 South Commercial Street, Manchester, NH 03101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **H02M**
 (11) **WO 2004/045052** (13) A2
 (21) PCT/US2003/036095
 (22) **12 Nov/nov 2003 (12.11.2003)**
 (25) en (26) en
 (30) **60/425,553 12 Nov/nov 2002 US (12.11.2002)**
 (30) **10/389,037 14 Mar/mar 2003 US (14.03.2003)**
 (43) 27 May/mai 2004 (27.05.2004)
- (54) • **CONTROLLER FOR DC TO DC CONVERTER**
 • **CONTRÔLEUR POUR CONVERTISSEUR CONTINU-CONTINU**
- (71) **O2MICRO, INC.** [US/US]; 3118 Patrick Henry Drive, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIPCSEI, Laszlo** [RO/US]; 1550 Maurice Lane #71, San Jose, CA 95129 (US). **POPESCU, Serban-Mihai** [RO/US]; 2143 Violet Way, Campbell, CA 95008 (US).
- (74) **PFLÉGER, Edmund, P.** et al. / etc.; Grossman Tucker Perreault & Pfléger, PLLC, 55 South Commercial Street, Manchester, NH 03101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H02M

(11) WO 2004/045053 (13) A2

(21) PCT/US2003/036263

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,605 12 Nov/nov 2002 US (12.11.2002)

(30) 10/705,578 10 Nov/nov 2003 US (10.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WASTE OIL ELECTRICAL GENERATION SYSTEM

• SYSTEME DE PRODUCTION D'ELECTRICITE A PARTIR D'HUILE USAGEE

(71, 72) BASSETT, Terry, Edgar [US/US]; 5120 S. Dorsey Lane, Tempe, AZ 85282 (US).

(74) STONEMAN, Martin, L.; Stoneman Law Offices, Ltd., 3113 North 3rd Street, Phoenix, AZ 85012-2601 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H02M 1/12

(11) WO 2004/045054 (13) A1

(21) PCT/JP2002/011742

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILTER DEVICE

• DISPOSITIF DE FILTRAGE

(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) AKAGI, Hirofumi [JP/JP]; C/O Tokyo Institute of Technology, 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 1/12

(11) WO 2004/045055 (13) A1

(21) PCT/JP2003/003119

(22) 14 Mar/mar 2003 (14.03.2003)

(25) ja (26) ja

(30) PCT/JP02/11742 11 Nov/nov 2002 JP (11.11.2002)

(30) PCT/JP02/11888 14 Nov/nov 2002 JP (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FILTER

• FILTRE

(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) AKAGI, Hirofumi [JP/JP]; C/O Tokyo Institute of Technology, 2-12-1, Ookayama, Meguro-ku, Tokyo 152-8550 (JP).

(74) ISHIDA, Takashi et al. / etc.; A. AOKI, ISHIDA & ASSOCIATES, Toranomom 37 Mori Bldg., 5-1, Toranomom 3-chome, Minato-ku, Tokyo 105-8423 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS 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 H02M 3/06, H01R 29/00, H02J 1/06

(11) WO 2004/045056 (13) A1

(21) PCT/SG2002/000256

(22) 30 Oct/oct 2002 (30.10.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS FOR PRODUCING AN OUTPUT VOLTAGE TO POWER AN ELECTRONIC DEVICE

• APPAREIL DE PRODUCTION D'UNE TENSION DE SORTIE POUR L'ALIMENTATION D'UN DISPOSITIF ELECTRONIQUE

(71, 72) TAN, William [SG/SG]; 21 Li Hwan Close, Singapore 557144 (SG).

(74) WATKIN, Timothy, Lawrence, Harvey; Lloyd Wise, Tanjong Pagar, P.O. Box 636, Singapore 910816 (SG).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H02M 3/24

(11) WO 2004/045057 (13) A1

(21) PCT/US2002/031656

(22) 3 Oct/oct 2002 (03.10.2002)

(25) en (26) en

(30) 09/971,047 3 Oct/oct 2002 US (03.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR TURNING OFF BJT USED AS SYNCHRONOUS RECTIFIER

• APPAREIL ET PROCEDE PERMETTANT DE RENDRE NON PASSANT UN TRANSISTOR A JONCTION BIPOLAIRE UTILISE COMME RECTIFICATEUR SYNCHRONES

(71, 72) CARSTEN, Bruce, W. [US/US]; 6410 NW Sisters Place, Corvallis, OR 97330 (US).

(74) ADAMSON, Steven, J.; P.O. Box 5997, Portland, OR 97228 (US).

(81) AU BR CA CN IL IN JP KR RU.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H02M 5/27

(11) WO 2004/045058 (13) A1

(21) PCT/EP2003/050808

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 52 234.0 11 Nov/nov 2002 DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR OPERATING A MATRIX CONVERTER AND MATRIX CONVERTER FOR CARRYING OUT SAID METHOD

• PROCEDE DE FONCTIONNEMENT D'UN CONVERTISSEUR MATRICIEL ET CONVERTISSEUR MATRICIEL UTILISE POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) ALSTOM TECHNOLOGY LTD [CH/CH]; Brown Boveri Strasse 7, CH-5400 Baden (CH).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LACAZE, Alain [FR/FR]; 3 Rue de Champs, F-90850 Essert (FR). TURRI,

Sylvie [FR/FR]; 18 Ter Rue du Magny,
F-70170 Port-Sur-Saone (FR).

(74) **ALSTOM TECHNOLOGY LTD**; CHTI
Intellectual Property, Brown Boveri Str.
7/699/5, CH-5401 Baden (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

Declaration / Déclaration :

(t) for all designations / pour toutes les
désignations

(51)⁷ H02P

(11) **WO 2004/045059** (13) A2

(21) PCT/US2003/035421

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 10/290,505 **8 Nov/nov 2002** US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTIPHASE MOTOR HAVING
WINDING CONNECTIONS SPECIFIC
TO RESPECTIVE OPERATING SPEED
RANGES

• MOTEUR MULTIPHASE COMPOR-
TANT DES CONNEXIONS D'ENROU-
LEMENT SPECIFIQUES AUX PLAGES
DE VITESSE DE FONCTIONNEMENT
RESPECTIVES

(63) US 10/290,505 (CIP)
8 Nov/nov 2002 (08.11.2002)

(71) **WAVECREST LABORATORIES LLC**
[US/US]; 45600 Terminal Drive, Dulles, VA
20166 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **MASIOV, Boris, A.** [US/US]; 10814
Oldfield Drive, Reston, VA 20191 (US).
SOGHOMONIAN, Zareh, Salmasi
[GB/US]; 22340 Great Trail Terrace, Sterling,
VA 20164 (US).

(74) **WAVECREST LABORATORIES LLC**;
Attn: Intellectual Property Group/bam/cjj,
45600 Terminal Drive, Dulles, VA 20166
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H02P

(11) **WO 2004/045060** (13) A2

(21) PCT/US2003/035802

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/426,048 **12 Nov/nov 2002** US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SENSORLESS CONTROL OF A HAR-
MONICALLY DRIVEN ELECTRODY-
NAMIC MACHINE FOR A THERMOA-
COUSTIC DEVICE OR VARIABLE
LOAD

• COMMANDE SANS CAPTEUR D'UNE
MACHINE ELECTRODYNAMIQUE A
COMMANDE HARMONIQUE POUR
UN DISPOSITIF THERMO-ACOUSTI-
QUE OU UNE CHARGE VARIABLE

(71) **THE PENN STATE RESEARCH FOUN-
DATION** [US/US]; 304 Old Main, University
Park, PA 16802 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SHEARER, Tony, L.** [US/US]; 319 W.
Fowler Hollow Lane, Port Matilda, PA 16870
(US). **SMITH, Robert, W., M.** [US/US]; 110
Suburban Avenue, State College, PA 16803
(US). **HOFMANN, Heath, F.** [US/US]; 632
W. Foster Avenue, State College, PA 16801
(US).

(74) **WATHEN, Douglas, L.** et al. / etc.; Gifford,
Krass, Groh, Sprinkle, Anderson & Citkows,
ki, P.C., 280 N. Old Woodward Ave., Suite
400, Birmingham, MI 48009 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU AZ
BA BB BG BR BY BZ CA CH CN CO CR CU CZ
DE DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NI NO NZ OM PG PH PL PT RO RU SC
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG
UZ VC VN YU ZA ZM ZW AP (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H02P 6/08, 6/16

(11) **WO 2004/045061** (13) A1

(21) PCT/GB2003/004762

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 0226317.6 **9 Nov/nov 2002** GB
(09.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTROLLER FOR A SYN-
CHRONOUS MOTOR

• CONTROLEUR POUR MOTEUR SYN-
CHRON

(71) **CAMBRIDGE CONSULTANTS LIM-
ITED** [GB/GB]; Science Park, Milton Road,
Cambridge CB4 0DW (GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **GORDON, Benjamin, Morris**
[GB/GB]; 95 Fishers Lane, Cherry Hinton,
Cambridge CB1 9HL (GB). **BOWYER,**
Robert, Owen [GB/GB]; 56 Bartlow Road,
Linton, Cambridgeshire CB1 6LY (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 NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H03B 5/32, H03L 1/02, H03B 5/04

(11) **WO 2004/045062** (13) A1

(21) PCT/JP2003/014476

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) ja (26) ja

(30) 2002-331099 **14 Nov/nov 2002** JP
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TEMPERATURE CORRECTION DE-
VICE AND VOLTAGE CONTROL
OSCILLATION DEVICE

• DISPOSITIF DE CORRECTION DE
TEMPERATURE ET OSCILLATEUR
COMMANDE EN TENSION

(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) **KANBE, Shinichi** [JP/JP]; c/o MIT-
SUBISHI DENKI KABUSHIKI KAISHA,
2-3, Marunouchi 2-chome, Chiyoda-ku,
Tokyo 100-8310 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 7F, Daito
Bldg., 7-1, Kasumigaseki 3-Chome, Chiy-
oda-ku, Tokyo 100-0013 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H03B 15/00, H01L 27/18

(11) WO 2004/045063 (13) A1

(21) PCT/EP2003/050801

(22) 7 Nov/nov 2003 (07.11.2003)

(25) fr (26) fr

(30) 02 14124 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR REDUCING PHASE NOISE

• DISPOSITIF DE REDUCTION DU BRUIT DE PHASE

(71) THALES [FR/FR]; 45, rue de Villiers, F-92526 Neuilly-sur-Seine (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CRETE, Denis-Gérard [FR/FR]; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil (FR).

(74) ESSELIN, Sophie et al. / etc.; THALES Intellectual Property, 31-33, avenue Aristide Briand, F-94117 Arcueil Cedex (FR).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H03D 13/00

(11) WO 2004/045064 (13) A1

(21) PCT/US2003/031369

(22) 2 Oct/oct 2003 (02.10.2003)

(25) en (26) en

(30) 10/292,114 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DIFFERENTIAL TIME SAMPLING CIRCUIT

• CIRCUIT D'ÉCHANTILLONNAGE DE DUREES DIFFERENTIELLES

(71) ANALOG DEVICES, INC. [US/US]; One Technology Way, P.O. Box 9106, Norwood, MA 02062-9106 (US).

(72) MERCER, Douglas, A.; 80 Towne Hill Road, Bradford, MA 01835 (US). TIMKO, Michael, P.; 6 Berkeley Lane, Andover, MA 01810 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H03F

(11) WO 2004/045065 (13) A2

(21) PCT/US2003/033464

(22) 20 Oct/oct 2003 (20.10.2003)

(25) en (26) en

(30) 60/424,526 6 Nov/nov 2002 US (06.11.2002)

(30) 10/459,239 10 Jun/juin 2003 US (10.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACCURATE POWER DETECTION FOR A MULTI-STAGE AMPLIFIER

• DETECTION PRECISE DE PUISSANCE POUR AMPLIFICATEUR POLY-ETAGE

(71) TRIQUINT SEMICONDUCTOR, INC. [US/US]; 2300 N.E. Brookwood Parkway, Hillsboro, OR 97124 (US).

(72) LIU, Li; 5 Partridge lane, Littleton, MA 01460 (US). SOUCHUNS, Christopher, C.; 27 Russet Hill Road, Ashland, MA 01721 (US). LI, Ping; 41 Adams Street, Dunstable, MA 01827 (US). HENDERSON, Gregory, N.; 65 Puffer Lane, Sudbury, MA 01776 (US).

(74) PARSONS, James, E.; Bever, Hoffman & Harms, LLP, 1432 Concannon Blvd., Bldg. G, Livermore, CA 94550-6006 (US).

(81) AE AG 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 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 H03F 1/32, H04B 7/005

(11) WO 2004/045066 (13) A1

(21) PCT/FR2003/003204

(22) 28 Oct/oct 2003 (28.10.2003)

(25) fr (26) fr

(30) 02/13825 5 Nov/nov 2002 FR (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR TRAINING AN RF AMPLIFIER LINEARIZATION DEVICE, AND MOBILE TERMINAL INCORPORATING SAME

• PROCEDE ET DISPOSITIF D'APPRENTISSAGE D'UN DISPOSITIF DE LINEARISATION D'UN AMPLIFICATEUR RF, ET TERMINAL MOBILE INCORPORANT UN TEL DISPOSITIF

(71) EADS TELECOM [FR/FR]; Rue Jean-Pierre Timbaud, Bâtiment Jean-Pierre

Timbaud, F-78180 Montigny le Bretonneux (FR).

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(72, 75) TOUCHAIS, Sandrine [FR/FR]; 91 bis, rue de Paris, F-91400 Orsay (FR). CHECOURY, Xavier [FR/FR]; 7, rue des Cottages, F-75018 Paris (FR).

(74) VERDURE, Stéphane, et al. / etc.; Cabinet Plasseraud, 65/67 rue de la Victoire, F-75440 Paris cedex 9 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H03F 1/32, H04B 1/04

(11) WO 2004/045067 (13) A1

(21) PCT/JP2003/014545

(22) 14 Nov/nov 2003 (14.11.2003)

(25) ja (26) ja

(30) 2002-331430 14 Nov/nov 2002 JP (14.11.2002)

(30) 2003-030439 7 Feb/fév 2003 JP (07.02.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISTORTION COMPENSATION CIRCUIT, DISTORTION COMPENSATION SIGNAL GENERATING METHOD, AND POWER AMPLIFIER

• CIRCUIT DE COMPENSATION DE DISTORSION, PROCEDE DE GENERATION DE SIGNAL DE COMPENSATION DE DISTORSION ET AMPLIFICATEUR DE PUISSANCE

(71) HITACHI KOKUSAI ELECTRIC INC. [JP/JP]; 3-14-20, Higashi-Nakano, Nakano-ku, Tokyo 164-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIROSE, Nobuo [JP/JP]; c/o Hitachi Kokusai Electric Inc., 32, Miyuki-cho, Kodaira-shi, Tokyo 187-8511 (JP). TSUKAMOTO, Nobuo [JP/JP]; c/o Hitachi Kokusai Electric Inc., 32, Miyuki-cho, Kodaira-shi, Tokyo 187-8511 (JP). TOMARU, Fumihito [JP/JP]; c/o Hitachi Kokusai Electric Inc., 32, Miyuki-cho, Kodaira-shi, Tokyo 187-8511 (JP). SANO, Seiichi [JP/JP]; c/o Hitachi Kokusai Electric Inc., 32, Miyuki-cho, Kodaira-shi, Tokyo 187-8511 (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 BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU 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 H03F 3/217, H01J 37/32, H03F 1/08
- (11) WO 2004/045068 (13) A1
- (21) PCT/EP2003/012176
- (22) 31 Oct/oct 2003 (31.10.2003)
- (25) de (26) de
- (30) 102 52 146.8 9 Nov/nov 2002 DE (09.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR THE GENERATION OF A HIGH-FREQUENCY AC VOLTAGE AND CORRESPONDING HIGH-FREQUENCY POWER AMPLIFIER
- PROCEDE DE PRODUCTION D'UN COURANT ALTERNATIF A HAUTE FREQUENCE ET AMPLIFICATEUR DE PUISSANCE A HAUTE FREQUENCE CORRESPONDANT
- (71) HÜTTINGER ELEKTRONIK GMBH + CO.KG [DE/DE]; Elsässer Strasse 8, 79110 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) ZIEGLER, Joachim [DE/DE]; Oberer Graben 34, 77963 Schwanau 1 (DE).
- (74) MAUCHER, Wolfgang et al. / etc.; Dreikönigstrasse 13, 79102 Freiburg (DE).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE EG ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO 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).
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- (51)⁷ H03F 3/45
- (11) WO 2004/045069 (13) A1
- (21) PCT/US2003/030679
- (22) 29 Sep/sep 2003 (29.09.2003)
- (25) en (26) en
- (30) 10/292,119 12 Nov/nov 2002 US (12.11.2002)

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FAILSAFE DIFFERENTIAL AMPLIFIER CIRCUIT
- CIRCUIT D'AMPLIFICATEUR DIFFERENTIEL A SECURITE INTEGREE
- (71) FAIRCHILD SEMICONDUCTOR CORPORATION [US/US]; 82 Running Hill Road, South Portland, ME 04106 (US).
- (72) PRADHAN, Pravas; 499 Westbrook Street, 201C, South Portland, Maine 04106 (US).
- (74) PAUL, Edwin, H. et al. / etc.; Cesari and McKenna, LLP, 88 Black Falcon Avenue, Boston, MA 02210 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H03F 3/68
- (11) WO 2004/045070 (13) A1
- (21) PCT/US2003/035415
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) en (26) en
- (30) 10/289,734 6 Nov/nov 2002 US (06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • IMPROVED RF TRANSISTOR AMPLIFIER LINEARITY USING SUPPRESSED THIRD ORDER TRANSCONDUCTANCE
- LINEARITE D'AMPLIFICATEUR A TRANSISTORS RF AMELIOREE PAR TRANSCONDUCTANCE DE TROISIEME ORDRE SUPPRIMEE
- (71) CREE MICROWAVE, INC. [US/US]; 160 Gibraltar Court, Sunnyvale, CA 94089 (US).
- (72) PENGELLY, Raymond, S.; 8 Treadway Court, Hillsborough, NC 27278 (US). WOOD, Simon, M.; 516 Roxbury Lane, Los Gatos, CA 95032 (US). QUINN, John, P.; 166 Owens Court, Mountain View, CA 94043 (US).
- (74) WEAVER, Jeffrey, K.; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0778 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

- DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H03G 3/00
- (11) WO 2004/045071 (13) A2
- (21) PCT/US2003/036087
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 10/290,577 8 Nov/nov 2002 US (08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • GAIN CONTROL IN A WIRELESS DEVICE
- COMMANDE DE GAIN DANS UN DISPOSITIF SANS FIL
- (71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) FILIPOVIC, Daniel F.; 429 South Sierra Avenue, #341, Solana Beach, CA 92075 (US).
- (74) WADSWORTH, Philip, R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).
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- (51)⁷ H03H 7/01
- (11) WO 2004/045072 (13) A1
- (21) PCT/US2003/035600
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/287,866 6 Nov/nov 2002 US (06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • STEP ATTENUATOR AND METHOD USING FREQUENCY DEPENDENT COMPONENTS
- ATTENUATEUR A PLOTS ET PROCEDE CONSISTANT A UTILISER DES COMPOSANTS DEPENDANTS DE LA FREQUENCE
- (71) JOHN MEZZALINGUA ASSOCIATES, INC. [US/US]; 6176 East Molloy Road, East Syracuse, NY 13057 (US).
- (72) OLCEN, Ahmet, Burak; 120 Newbury Hollow Lane, Syracuse, NY 13210 (US). PIXLEY, Henry; 283 Summerhaven Drive, East Syracuse, NY 13057 (US).
- (74) PASTEL, Christopher, R.; Hancock & Estabrook, LLP, 1500 Mony Tower 1, P.O. Box 4976, Syracuse, NY 13221-4976 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H03H 9/17, 9/56

(11) WO 2004/045073 (13) A1

(21) PCT/CH2002/000605

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR FILTERING ELECTRICAL HIGH FREQUENCY SIGNALS
• DISPOSITIF DE FILTRATION DE SIGNAUX ELECTRIQUES HAUTE FREQUENCE

(71) EIDGENÖSSISCHE TECHNISCHE HOCHSCHULE ZÜRICH [CH/CH]; Rämistrasse 101, CH-8092 Zürich (CH).
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(72, 75) VOLLMANN, Jacqueline [CH/CH]; Schaffhauserstrasse 129, CH-8057 Zürich (CH). DUAL, Jürg [CH/CH]; Waldegg 10a, CH-8126 Zumikon (CH). PROFUNSER, Dieter, M. [AT/CH]; c/o Eidgenössische Technische Hochschule Zürich, Rämistrasse 101, CH-8092 Zürich (CH).

(74) LIEBETANZ, Michael; 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 NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H03J 7/04, 1/00

(11) WO 2004/045074 (13) A1

(21) PCT/FR2003/003295

(22) 5 Nov/nov 2003 (05.11.2003)

(25) fr (26) fr

(30) 02/14127 12 Nov/nov 2002 FR (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TUNABLE ANTENNA CIRCUIT, PARTICULARLY FOR A WIRELESS INTEGRATED CIRCUIT READER

• CIRCUIT D'ANTENNE ACCORDABLE, NOTAMMENT POUR LECTEUR DE CIRCUIT INTEGRE SANS CONTACT

(71) INSIDE CONTACTLESS [FR/FR]; Bât. 11A, Parc Club du Golf, F-13856 Aix-en-Provence Cedex 03 (FR).
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(72, 75) CHARRAT, Bruno [FR/FR]; 405 Avenue des Siffleuses, 2, clos des Marronniers, F-13090 Aix en Provence (FR).

(74) MARCHAND, André; Omnipat, 24, place des Martyrs de la Résistance, F-13100 Aix en Provence (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

Published / Publiée : (c)

(51)⁷ H03K 17/97

(11) WO 2004/045075 (13) A1

(21) PCT/US2003/035780

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/294,105 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SMART SWITCH COMPRISING MAGNETORESISTIVE SENSORS

• COMMUTATEUR INTELLIGENT COMPRENANT DES DETECTEURS MAGNETORESISTANTS

(71) HONEYWELL INTERNATIONAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) WAN, Hong; 17530 45th Avenue North, Plymouth, MN 55446 (US). FREEMAN, Michael, L.; 1762 Leone Avenue, St. Paul MN 55106 (US). MALLISON, Edgar, R.; 15808 Post Road, Wayzata, MN 55391 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ

DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03L 7/089, H03D 13/00

(11) WO 2004/045076 (13) A1

(21) PCT/IB2003/004880

(22) 3 Nov/nov 2003 (03.11.2003)

(25) en (26) en

(30) 102 53 085.8 13 Nov/nov 2002 DE (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PHASE COMPARATOR

• COMPAREUR DE PHASE

(71) PHILIPS INTELLECTUAL PROPERTY & STANDARDS GMBH [DE/DE]; Stein-damm 94, 20099 Hamburg (DE).
(only for / seulement pour DE)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf DE US)

(72, 75) REICHINGER, Christian [DE/DE]; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(74) MEYER, Michael; Philips Intellectual Property & Standards GmbH, Weisshausstr. 2, 52066 Aachen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H03L 7/099, 7/10

(11) WO 2004/045077 (13) A1

(21) PCT/CA2003/001729

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/294,307 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DYNAMICALLY TRIMMED VOLTAGE CONTROLLED OSCILLATOR

• OSCILLATEUR CONTROLE PAR TENSION (VCO) A AJUSTAGE DYNAMIQUE

(71) GENNUM CORPORATION [CA/CA]; 970 Fraser Drive, Burlington, Ontario L7L 5P5 (CA).

(72) GUPTA, Atul, K.; Unit #9, 5958 Greensboro Drive, Mississauga, Ontario L5M 5Z9 (CA). D'HAENE, Wesley, C.; Unit #702 - 4140 Foxwod Drive, Burlington, Ontario L7M 4R4 (CA). LITTMANN, Bengt, W.; 381 Pacific Avenue, Toronto, Ontario L7S 2H7 (CA). MILLER, Jason, R.; 231-895 Maple Avenue, Burlington, Ontario L7S 2H7 (CA).

(74) PERRY, Stephen, J.; Sim & McBurney, 330 University Avenue, 6th Floor, Toronto, Ontario M5G 1R7 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H03M

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(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,985 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • HIGH-SPEED ANALOG-TO-DIGITAL CONVERSION WITH IMPROVED ROBUSTNESS TO TIMING UNCERTAINTY

• CONVERSION ANALOGIQUE-NUMERIQUE EXTREMEMENT RAPIDE PRESENTANT UNE ROBUSTESSE OPTIMISEE PAR RAPPORT AUX INCERTITUDES DE SYNCHRONISATION

(71) QUELLAN, INC. [US/US]; 250 14th Street N.W., 4th Floor, Atlanta, GA 30318 (US).

(72) KIM, Andrew, Joo; 3645 Peachtree Road #312, Atlanta, GA 30319 (US). RALPH, Stephen, E.; 115 Mark Trail, Atlanta, GA 30328 (US). BAJEKAL, Sanjay; 3703 Bacurate Way, Marietta, GA 30062 (US).

(74) WIGMORE, Steven, P.; King & Spalding LLP, 191 Peachtree Street, Atlanta, GA 30303-1763 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H03M

(11) WO 2004/045079 (13) A2

(21) PCT/US2003/036314

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 10/294,925 13 Nov/nov 2002 US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF REAL TIME MPEG-4 TEXTURE DECODING FOR A MULTI-PROCESSOR ENVIRONMENT

• PROCEDE DE DECODAGE DE TEXTURE MPEG-4 EN TEMPS REEL POUR ENVIRONNEMENT A PROCESSEURS MULTIPLES

(71) SONY CORPORATION [JP/JP]; 7-35 Kitashinagawa 6-chome, Shinagawa-ku, Tokyo (JP). SONY ELECTRONICS INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) YOUNG, Jeongnam; 1817 Canal Way, San Jose, CA 95132 (US). YAMAZAKI, Takao; 20661 Forge Way, #360, Cupertino, CA 95014 (US).

(74) O'BANION, John, P.; O'Banion & Ritchey LLP, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H03M 1/78

(11) WO 2004/045080 (13) A1

(21) PCT/JP2003/013235

(22) 16 Oct/oct 2003 (16.10.2003)

(25) ja (26) ja

(30) 2002-329545 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • D/A CONVERTER CIRCUIT

• CIRCUIT CONVERTISSEUR N/A

(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) MATSUI, Hirofumi [JP/JP]; 448-5-501, Goido 3-chome, Kashiba-shi, Nara 639-0226 (JP). IIZUKA, Kunihiko [JP/JP]; 954-1-406, Jionji, Sakurai-shi, Nara 633-0017 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H04B

(11) WO 2004/045081 (13) A2

(21) PCT/IB2003/004463

(22) 9 Oct/oct 2003 (09.10.2003)

(25) en (26) en

(30) 10/293,952 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR DISCOVERING NETWORK INTERFACE CAPABILITIES

• SYSTEME ET PROCEDE POUR DECOUVRIR LES CAPACITES D'INTERFACE D'UN RESEAU

(71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

(71) NOKIA, INC. [US/US]; 6000 Connection Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04B

(11) WO 2004/045082 (13) A2

(21) PCT/US2003/019852

(22) 25 Jun/juin 2003 (25.06.2003)

(25) en (26) en

(30) 60/425,894 13 Nov/nov 2002 US (13.11.2002)

(30) 10/445,896 28 May/mai 2003 US (28.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTEROPERABILITY AND COEXISTENCE BETWEEN TWO DISPARATE COMMUNICATION SYSTEMS

• INTEROPERABILITE ET COEXISTENCE ENTRE DEUX SYSTEMES DE COMMUNICATIONS DISPARATES

(71) **AGERE SYSTEMS INC.** [US/US]; 555 Union Blvd., Allentown, PA 18109 (US).(72) **CALDERON, Roberto**; 3336 Brookeside Way, Perkiomenville, PA 18074 (US). **DIEP-STRATEN, Wilhelmus**; Wijnhovenstraat 7, Haghorst, 5089NX (NL). **MACDONALD, John**; 548 Bertolet Mill Road, Oley, PA 19547 (US). **SHEN, Ying**; 3340 Muirfield Road, Center Valley, PA 18034 (US). **STRAUSS, Steven, E.**; 1714 Laurel Lane, Orefield, PA 18069 (US).(74) **BOLLMAN, William, H.**; Manelli Denison & Selter PLLC, 2000 M Street, NW, Suite 700, Washington, DC 20036-3307 (US).

(81) DE GB 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 **H04B**(11) **WO 2004/045083** (13) A2

(21) PCT/US2003/033695

(22) **23 Oct/oct 2003 (23.10.2003)**

(25) en (26) en

(30) 60/425,607 **12 Nov/nov 2002** US
(12.11.2002)(30) 10/325,772 **19 Dec/déc 2002** US
(19.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • POWER CONTROL DURING A TRANSMISSION PAUSE

• COMMANDE DE PUISSANCE AU COURS D'UNE PAUSE D'EMISSION

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).(72) **SHIN, Sung-Hyuk**; 1531 8th Street, Fort Lee, NJ 07024 (US). **ZEIRA, Ariela**; 239 West Neck Road, Huntington, NY 11743 (US). **OZLUTURK, Fatih**; 70 Willowdale Avenue, Port Washington, NY 11050 (US). **GRIECO, Donald, M.**; 18 Shore Road, Manhasset, NY 11030 (US).(74) **HALT, Gerald, B., Jr.**; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **H04B**(11) **WO 2004/045084** (13) A2

(21) PCT/US2003/034987

(22) **3 Nov/nov 2003 (03.11.2003)**

(25) en (26) en

(30) 60/424,241 **6 Nov/nov 2002** US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CAPACITIVE COUPLER FOR POWER LINE COMMUNICATIONS

• COUPLEUR CAPACITIF POUR COMMUNICATIONS SUR LIGNES DE TRANSPORT D'ENERGIE

(71) **AMBIENT CORPORATION** [US/US]; 79 Chapel Street, Newton, MA 02458 (US).(72) **CERN, Yehuda**; 35 Columbia Street, Brookline, MA 02446 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **H04B**(11) **WO 2004/045085** (13) A2

(21) PCT/US2003/035320

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 60/425,367 **8 Nov/nov 2002** US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR DETERMINING SIGNAL-TO-INTERFERENCE RATIO WITH REDUCED BIAS EFFECT

• PROCEDE ET APPAREIL POUR DETERMINER LE RAPPORT SIGNAL SUR PARASITE AVEC UN ECART REDUIT

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).(72) **SHIN, Sung-Hyuk**; 1531 8th Street, Fort Lee, NJ 07024 (US). **ZEIRA, Ariela**; 239 West Neck Road, Huntington, NY 11743 (US).(74) **HALT, Gerald, Jr. B.**; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **H04B**(11) **WO 2004/045086** (13) A2

(21) PCT/US2003/035346

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 60/424,064 **6 Nov/nov 2002** US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTROLLING POWER OUTPUT OF A MODEM FOR POWER LINE COMMUNICATIONS

• PROCEDE POUR COMMANDER LA PUISSANCE DE SORTIE D'UN MODEM CONCU POUR DES COMMUNICATIONS PAR LIGNE ELECTRIQUE

(71) **AMBIENT CORPORATION** [US/US]; 79 Chapel Street, Newton, MA 02458 (US).(72) **CERN, Yehuda**; 35 Columbia Street, Brookline, MA 02446 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **H04B**(11) **WO 2004/045087** (13) A2

(21) PCT/US2003/036077

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/425,016 **8 Nov/nov 2002** US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ADAPTIVE BROADBAND PLATFORMS AND METHODS OF OPERATION

- PLATEFORMES A LARGE BANDE ADAPTATIVES ET PROCÉDES DE FONCTIONNEMENT
- (71) **EQUITAR, LLC** [US/US]; 1754 Woodruff Road, #216, Greenville, SC 29607 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PEDERSEN, Erling, J.** [DK/US]; Griegsvej 14, Dk-9700 Brønderslev (DK).
LASTINGER, Roc, A. [US/US]; 6220 Winstone Trace, Cave Creek, AZ 85331 (US).
- (74) **BACHAND, William, R.** et al. / etc.; Squire, Sanders & Dempsey L.L.P., Two Renaissance Square, 40 North Central Avenue, Suite 2700, Phoenix, AZ 85004-4498 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B**
- (11) **WO 2004/045089** (13) A2
- (21) PCT/US2003/036315
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 10/294,021 **12 Nov/nov 2002** US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ULTRA-WIDEBAND PULSE MODULATION SYSTEM AND METHOD
• SYSTEME ET PROCÉDE DE MODULATION PAR IMPULSIONS A BANDE ULTRA LARGE
- (71) **PULSE LINK, INC.** [US/US]; 9155 Brown Deer Road, Suite 8, San Diego, CA 92121 (US).
- (72) **MOORE, Steven, A.**; 2250 Big Pine Road, Escondido, CA 92027 (US).
- (74) **MARTINEZ, Peter, R.**; Luce, Forward, Hamilton & Scripps LLP, 11988 El Camino Real, Suite 200, San Diego, CA 92130 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B**
- (11) **WO 2004/045088** (13) A2
- (21) PCT/US2003/036169
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 10/292,799 **12 Nov/nov 2002** US (12.11.2002)
- (30) 10/385,980 **11 Mar/mar 2003** US (11.03.2003)
- (30) 10/386,008 **11 Mar/mar 2003** US (11.03.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND METHOD FOR HETERODYNING AN ULTRASONIC SIGNAL
• SYSTEME ET PROCÉDE D'HETERODYNAGE POUR SIGNAL ULTRASO-NORE
- (71) **U-E SYSTEMS, INC.** [US/US]; 14 Hayes Street, Elmsford, NY 10523-2536 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BISHOP, William** [US/US]; 57 Clark Street, Pleasantville, NY 10570 (US).
GOODMAN, Mark, A. [US/US]; 21 Lakeview Avenue West, Cortland, NY 10567 (US).
- (74) **GARNER, Melvin, C.** et al. / etc.; Darby & Darby P.C., P.O. Box 5257, New York, NY 10150-5257 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B**
- (11) **WO 2004/045090** (13) A2
- (21) PCT/US2003/036383
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) en (26) en
- (30) 60/425,766 **13 Nov/nov 2002** US (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OSCILLATOR MODULE INCORPORATING LOOPED-STUB RESONATOR
• MODULE D'OSCILLATEUR COMPRENANT UN RESONATEUR A TRONÇON FERME
- (71) **VECTRON INTERNATIONAL** [US/US]; 267 Lowell Road, Hudson, NH 03051-4916 (US).
PHASOR TECHNOLOGIES CORPORATION [US/US]; 7 Wilson Road, Windham, NH 03087 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **CLARK, Roger, L.** [US/US]; 7 Wilson Road, Windham, NH 03087 (US).
- (74) **MALONEY, Neil, F.** et al. / etc.; P.O. 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 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).
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- Declaration / Déclaration :
(u) for / pour US only / seulement
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- (51)⁷ **H04B 1/00**
- (11) **WO 2004/045091** (13) A2
- (21) PCT/US2003/035363
- (22) **6 Nov/nov 2003 (06.11.2003)**
- (25) en (26) en
- (30) 10/289,164 **6 Nov/nov 2002** US (06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • FREQUENCY AGILE RF CIRCUIT
• CIRCUIT RF AGILE EN FREQUENCE
- (71) **RF MONOLITHICS, INC.** [US/US]; 4441 Sigma Road, Dallas, TX 75244 (US).
- (72) **ASH, Darrell, L.**; 1707 Cartwright Drive, Sachse, TX 75048 (US).
- (74) **MUNCK, William, A.** et al. / etc.; Davis Munck, P.C., 900 Three Galleria Tower, 13155 Noel Road, Dallas, TX 75240 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/00, 7/00, 15/00**
- (11) **WO 2004/045092** (13) A1
- (21) PCT/US2003/036155
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) en (26) en
- (30) 60/425,894 **13 Nov/nov 2002** US (13.11.2002)

(30) 10/445,896 28 May/mai 2003 US
(28.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INTEROPERABILITY AND CO-EXISTENCE BETWEEN TWO DISPARATE COMMUNICATION SYSTEMS

• INTEROPERABILITE ET COEXISTENCE ENTRE DEUX SYSTEMES DE COMMUNICATIONS DISPARATES

(71) **AGERE SYSTEMS INC.** [US/US]; 555 Union Boulevard, Allentown, PA 18109 (US).

(72) **CALDERON, Roberto**; 3336 Brookside Way, Perkiomenville, PA 18074 (US). **DIEP-STRATEN, Wilhelmus**; Wijnhovenstraat 7, NL-5089 NX Haghorst (NL). **MacDONALD, John, N.**; 548 Bertolet Mill Road, Oley, PA 19547 (US). **SHEN, Ying**; 3340 Muirfield Road, Center Valley, PA 18034 (US). **STRAUSS, Steven, E.**; 1714 Laurel Lane, Orefield, PA 18069 (US).

(74) **BOLLMAN, William, H.**; Manelli Denison & Selter PLLC, 2000 M Street, N.W., Suite 700, Washington, DC 20036-3307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 1/04

(11) WO 2004/045093 (13) A1

(21) PCT/EP2003/012523

(22) 10 Nov/nov 2003 (10.11.2003)

(25) de (26) de

(30) 102 53 181.1 14 Nov/nov 2002 DE
(14.11.2002)

(30) 102 57 435.9 9 Dec/déc 2002 DE
(09.12.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TRANSMISSION STAGE COMPRISING PHASES AND AN AMPLITUDE REGULATING LOOP

• ETAGE EMETTEUR COMPORTANT DES PHASES ET UNE BOUCLE DE REGLAGE D'AMPLITUDE

(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) **JAFARI, Houman** [DE/DE]; Am Erlanger Weg 5, 91052 Erlangen (DE). **BURDENSKEI, Ralf** [DE/DE]; Kalchreuther Str. 141, 90411 Nürnberg (DE).

(74) **ZINKLER, Franz et al.** / etc.; Schoppe, zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 1/10

(11) WO 2004/045094 (13) A1

(21) PCT/FR2003/003234

(22) 29 Oct/oct 2003 (29.10.2003)

(25) fr (26) fr

(30) 02/13971 6 Nov/nov 2002 FR
(06.11.2002)

(30) 03/09205 25 Jul/juil 2003 FR
(25.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DEVICE FOR DETECTING A SIGNAL USING A NON-LINEAR SYSTEM

• DISPOSITIF DE DETECTION D'UN SIGNAL GRACE A UN SYSTEME NON LINEAIRE.

(71) **UNIVERSITE DE RENNES 1** [FR/FR]; 2, rue du Thabor, CS 46510, F-35065 Rennes Cédex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE FLOCH, Albert** [FR/FR]; 20, square Marcel Bouget, F-35000 Rennes (FR). **BRUNEL, Marcel** [FR/FR]; 17, rue Salomon de Brosse, F-35000 Rennes (FR). **ROPARS, Guy** [FR/FR]; 16A, avenue Gros Malhon, F-35000 Rennes (FR). **SINGH, Kamal** [FR/FR]; 32, rue Mirabeau, Résidence Mirabeau-Bât.I Ch. 116, F-35000 Rennes (FR).

(74) **VIDON, Patrice**; Cabinet Vidon, 16B, rue Jouanet, Boîte postale 90333, F-35703 Rennes Cédex 7 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO RU 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 H04B 1/10, H03H 17/02

(11) WO 2004/045095 (13) A1

(21) PCT/US2003/027430

(22) 22 Aug/août 2003 (22.08.2003)

(25) en (26) en

(30) 10/294,511 14 Nov/nov 2002 US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR PROCESSING AN AMPLITUDE MODULATED (AM) SIGNAL

• PROCEDE ET APPAREIL DE TRAITEMENT D'UN SIGNAL MODULE EN AMPLITUDE (AM)

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **HENDRIX, Jon**; 1351 Thompson Ranch Road, Wimberley, TX 78676 (US). **BANKS, Bradley**; 210 Franklin Blvd., Austin, TX 78751 (US). **SEABURG, Charles, E.**; 9283 Scenic Bluff Drive, Austin, TX 78733 (US).

(74) **WUAMETT, Jennifer, B.** et al. / etc.; SPS Patent Operation Manager - on behalf of Motorola, Inc., Corporate Law Department, Intellectual Property Section, 7700 West Parmer Lane (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04B 1/10, H04L 25/02

(11) WO 2004/045096 (13) A2

(21) PCT/US2003/035260

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/424,474 6 Nov/nov 2002 US
(06.11.2002)

(30) 10/290,749 7 Nov/nov 2002 US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NOISE AND CHANNEL ESTIMATION USING LOW SPREADING FACTORS

• ESTIMATION DE BRUIT ET DE CANAL AU MOYEN DE FACTEURS D'ETALEMENT COURTS

(71) **QUALCOMM, INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **SHIU, Da-shan**; 1280 San Tomas Aquino, #204, San Jose, CA 95117 (US). **MALLADI, Durga P.**; 11983 Briarleaf Way, San Diego, CA 92128 (US). **BHASHYAM, Srikrishna**; 444 Saratoga Avenue, #3G, Santa Clara, CA 95050 (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 (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ **H04B 1/38**

(11) **WO 2004/045097** (13) A1

(21) PCT/KR2003/002390

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) ko (26) en

(30) 20-2002-0033821 **12 Nov/nov 2002** KR
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **HINGE DEVICE**
• **CHARNIERE**

(71) **PHOENIX KOREA CO., LTD.**
[KR/KR]; 843-12 Jaan-Ri, Bibong-Myeon,
Hwaseong-Si, 445-843 Gyeonggi-Do (KR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **HAN, Young-Soo** [KR/KR]; 376-301
Sowol Apartment, 871-7 Geumjeong-Dong,
Gunpo-Si, 435-050 Gyeonggi-Do (KR).

(74) **SONG, Hochan** et al. / etc.; CHAE &
SONG Patent & Trademark Law Office,
Rm No. 509, Sung-Ji Heights III, 642-6
Yoksam-Dong, Kangnam-Gu, 135-717 Seoul
(KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP 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 1/38**

(11) **WO 2004/045098** (13) A1

(21) PCT/US2002/035881

(22) **8 Nov/nov 2002 (08.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CELLULAR PHONE CORDLESS**
HOME BASE UNIT

• **BASE DE TELEPHONE DOMESTIQUE**
SANS FIL POUR TELEPHONE POR-
TABLE

(71, 72) **UNDERWOOD, Carl** [US/US]; 907
Powell Court, Costa Mesa, CA 92626 (US).

(74) **RUTAN & TUCKER LLP** et al. / etc.; 611
Anton Boulevard, Suite 1400, Costa Mesa,
CA 92626 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ (Utility
model / modèle d'utilité) CZ DE (Utility
model / modèle d'utilité) DE DK (Utility
model / modèle d'utilité) DK DM DZ EC
EE (Utility model / modèle d'utilité) EE ES
FI (Utility model / modèle d'utilité) FI GB
GD GE GH GM HR HU ID IL IN IS JP KE
KG KP KR KZ LC LK LR LS LT LU LV
MA MD MG MK MN MW MX MZ NO NZ
OM PH PL PT RO RU SC SD SE SG SI SK
(Utility model / modèle d'utilité) SK SL TJ
TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **H04B 1/38, H04M 1/00**

(11) **WO 2004/045099** (13) A1

(21) PCT/US2003/034310

(22) **28 Oct/oct 2003 (28.10.2003)**

(25) en (26) en

(30) 60/421,688 **28 Oct/oct 2002** US
(28.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **WIRELESS ACCESS TO EMULATE OP-**
ERATION OF A REMOTE COMPUTER
• **ACCES SANS FIL POUR EMULER LE**
FONCTIONNEMENT D'UN ORDINA-
TEUR SITUE A DISTANCE

(71, 72) **COONER, Jason, R.** [US/US]; 2513H
Mountain Lodge Circle, Birmingham,
AL 35216 (US). **HOLBROOK, Ron, J.**
[US/US]; 4163 Centerpoint Road, Pinson,
AL 35126 (US).

(74) **DELAUNE, Warner, J.**; Adams and Reese
LLP, 451 Florida Street, Bank One Centre,
North Tower, 19th Floor, Baton Rouge, LA
70801 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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).

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(51)⁷ **H04B 1/38**

(11) **WO 2004/045100** (13) A1

(21) PCT/US2003/035527

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 10/289,037 **6 Nov/nov 2002** US
(06.11.2002)

(30) 10/446,372 **28 May/mai 2003** US
(28.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CIRCUITRY TO ESTABLISH A WIRE-**
LESS COMMUNICATION LINK

• **CIRCUIT PERMETTANT D'ETABLIR**
UNE LIAISON DE COMMUNICATION
SANS FIL

(63) US 10/446,372 (CON)
28 May/mai 2003 (28.05.2003)
US 10/289,037 (CIP)
6 Nov/nov 2002 (06.11.2002)

(71) **NEBO WIRELESS, LLC** [US/US]; 15
Woodchuck Lane, North Andover, MA
01845 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **LIN, Ernie** [US/US]; 15 Woodchuck
Lane, North Andover, MA 01845 (US).
GIGER, Adolf, J. [US/US]; 27 Olde Farms
Road, Boxford, MA 01921 (US).

(74) **PYSHER, Paul**; 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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (c)

(51)⁷ **H04B 1/40**

(11) **WO 2004/045101** (13) A1

(21) PCT/IB2003/003747

(22) **4 Sep/sep 2003 (04.09.2003)**

(25) en (26) en

(30) 10/292,410 **12 Nov/nov 2002** US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • **CRYSTAL-LESS OSCILLATOR**
TRANSCIEIVER
• **ÉMETTEUR-RÉCEPTEUR À OSCIL-**
LATEUR SANS QUARTZ

(71) **NOKIA CORPORATION** [FI/FI];
Keilalahdentie 4, FIN-02150 Espoo (FI).

(71) **NOKIA INC.** [US/US]; 6000 Connection
Drive, Irving, TX 75039 (US).
(only for / seulement pour LC)

(72) **POHJONEN, Helena**; Kartanonkuja 3 B,
FIN-02360 Espoo (FI).

(74) **MAGUIRE, Francis, J.** et al. / etc.; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H04B 1/40

(11) WO 2004/045102 (13) A1

(21) PCT/IB2003/004466

(22) 8 Oct/oct 2003 (08.10.2003)

(25) en (26) en

(30) 10/280,749 25 Oct/oct 2002 US (25.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SINGLE OSCILLATOR DSSS AND OFDM RADIO RECEIVER AND TRANSMITTER

• RECEPTEUR ET EMETTEUR A OSCILLATEUR UNIQUE D'ETALEMENT DU SPECTRE EN SEQUENCE DIRECTE ET RADIO A MULTIPLEXAGE FREQUENTIEL OPTIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) **U.S. PHILIPS CORPORATION** [US/US]; 1251 Avenue of the Americas, New York, NY 10510-8001 (US).
(only for / seulement pour AE)

(72) **ZHANG, Yifeng**; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 :

(s) for the following designations / pour les désignations suivantes : AE AG 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 H04B 1/707

(11) WO 2004/045103 (13) A1

(21) PCT/US2003/034378

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/291,189 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • REDUCED COMPLEXITY MMSE MULTIUSER DETECTION FOR A MULTIRATE CDMA LINK

• DETECTION MULTI-UTILISATEUR MMSE A COMPLEXITE REDUITE POUR LIAISON CDMA A DEBITS MULTIPLES

(71) **INTEL CORPORATION** [US/US]; (A Delaware Corporation), 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **MOSHAVER, Shimon**; Hashoshan Street #14A, Bet Shemesh, 99000 (IL). **YELLIN, Daniel**; 71 Hertz Street, Raanana, 43353 (IL). **PICK, Kobay**; 43/2 Emek Haela Street, Modiin, 71700 (IL).

(74) **HARRIS, Scott, C.** et al. / etc.; Fish & Richardson, P.C., 4350 La Jolla Village Drive, Suite 500, San Diego, CA 92122 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H04B 7/14, 7/185

(11) WO 2004/045104 (13) A1

(21) PCT/US2003/032742

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 60/424,605 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR ENABLING USE OF LOW POWER SATELLITES, SUCH AS C-BAND, TO BROADCAST TO MOBILE AND NON-DIRECTIONAL RECEIVERS, AND SIGNAL DESIGN THEREFOR

• APPAREIL ET PROCÉDE PERMETTANT D'UTILISER DES SATELLITES

DE PUISSANCE FAIBLE, TELS QUE DES SATELLITES EN BANDE C, POUR UNE RADIODIFFUSION VERS DES RECEPTEURS MOBILES ET NON DIRECTIONNELS, CONCEPTION DE SIGNAUX A CET EFFET

(71, 72) **FORCE, Charles, T.** [US/US]; 308 Fairhaven Road, Tracys Landing, MD 20779 (US). **HORAN, Stephen, J.** [US/US]; 280 Bristol Avenue, Las Cruces, NM 88001 (US). **HEROLD, Fred, W.** [US/US]; 10 Torrance Court, Kensington, MD 20895 (US).

(74) **URCIA, Benjamin, E.** et al. / etc.; Bacon & Thomas, PLLC, 4th floor, 625 Slaters Lane, 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 PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04B 7/15, 1/38, H04Q 7/20, H04M 1/00

(11) WO 2004/045105 (13) A1

(21) PCT/US2003/027272

(22) 29 Aug/août 2003 (29.08.2003)

(25) en (26) en

(30) 10/295,623 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMMUNICATION SYSTEM WITH MOBILE COVERAGE AREA

• SYSTEME DE COMMUNICATION A ZONE DE COUVERTURE MOBILE

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067 (US).

(72) **SIEGEL, Neil, G.**; 38 Cinnamon Lane, Rancho Palos Verdes, CA 90275 (US).

(74) **HARRIS, Christopher, P.**; Tarolli, Sundheim, Covell & Tummino L.L.P., Suite 1111, 526 Superior Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04B 7/185

(11) WO 2004/045106 (13) A1

(21) PCT/CA2003/001730

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/319,687 11 Nov/nov 2002 US
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • AIRCRAFT FLIGHT DATA MANAGEMENT SYSTEM
• SYSTEME DE GESTION DE DONNEES DE VOL D'AERONEF

(71) AEROMECHANICAL SERVICES LTD. [CA/CA]; 3016 - 21 Street N.E., Calgary, Alberta T2E 6Z2 (CA).

(72) KOLB, Kurt; c/o 3016 - 21 Street N.E., Calgary, Alberta T2E 6Z2 (CA). JACOBS, Kent; c/o 3016 - 21 Street N.E., Calgary, Alberta T2E 6Z2 (CA). JACOBS, Darryl; c/o 3016 - 21 Street N.E., Calgary, Alberta T2E 6Z2 (CA).

(74) BENNETT JONES LLP; 1000 ATCO Centre, 10035 - 105 Street, Edmonton, Alberta T5J 3T2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04B 7/216

(11) WO 2004/045107 (13) A1

(21) PCT/US2003/035454

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/288,970 6 Nov/nov 2002 US
(06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CODE-DIVISION MULTIPLE-ACCESS (CDMA) WIRELINE TELEMETRY SYSTEM
• SYSTEME DE TELEMETRIE A CABLE METALLIQUE A ACCES MULTIPLE PAR REPARTITION DE CODE (CDMA)

(71) HALLIBURTON ENERGY SERVICES, INC. [US/US]; 10200 Bellaire Boulevard, Houston, TX 77072 (US).

(72) GARDNER, Wallace, R.; 15414 Camino del Sol, Houston, TX 77083 (US). SCHULTZ, Roger, L.; 4792 Red Oak Circle, Aubrey, TX 76227 (US). MURALI, Beegamudre, N.; 806 Marywood Chase Drive, Houston, TX 77079 (US). PRAMMER, Manfred, G.; 291 Hadfield Road, Dowington, PA 19335 (US).

(74) KRUEGER, Daniel, J. et al. / etc.; Conley Rose, P.C., P.O. Box 3267, Houston, TX 77253-3267 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04B 7/26

(11) WO 2004/045108 (13) A1

(21) PCT/CN2003/000948

(22) 11 Nov/nov 2003 (11.11.2003)

(25) zh (26) zh

(30) 02148361.2 11 Nov/nov 2002 CN
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR IMPLEMENTING A FUNCTION OF CLOSED LOOP TRANSMITTING DIVERSITY ON THE DEDICATED CHANNEL
• PROCEDE DE MISE EN OEUVRE D'UNE FONCTION DE DIVERSITE DE TRANSMISSION EN BOUCLE FERMEE SUR LE CANAL SPECIALISE

(71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LI, Gang [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen 518129 (CN). ZHOU, Hui [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen 518129 (CN). WANG, Hao [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen 518129 (CN).

(74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No 10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04B 7/26, H04L 1/00

(11) WO 2004/045109 (13) A1

(21) PCT/JP2003/014245

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-327221 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BASE STATION APPARATUS AND COMMUNICATION TERMINAL APPARATUS
• APPAREIL DE STATION DE BASE ET APPAREIL DE TERMINAL DE COMMUNICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HOSHINO, Masayuki [JP/JP]; 2-5-4-D-1, Ikeda-cho, Yokosuka-shi, Kanagawa 239-0806 (JP). MIYOSHI, Kenichi [JP/JP]; 11-4-1305, Nokendaihigashi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0058 (JP).

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04B 7/26

(11) WO 2004/045110 (13) A1

(21) PCT/US2003/036083

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/424,821 8 Nov/nov 2002 US
(08.11.2002)(30) 60/436,393 23 Dec/déc 2002 US
(23.12.2002)(30) 10/703,131 5 Nov/nov 2003 US
(05.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • APPARATUS AND METHOD FOR DETERMINING THE LOCATION OF A REPEATER
• APPAREIL ET PROCEDE POUR DETERMINER L'EMPLACEMENT D'UN REPETEUR

(71) QUALCOMM, INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) SHEYNBLAT, Leonid; 1208 North Road, Belmont, CA 94002 (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).

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(51)⁷ H04B 10/00

(11) WO 2004/045111 (13) A2

(21) PCT/JP2003/014351

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 2002-329448 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL COMMUNICATIONS MODULE AND SUBSTRATE FOR THE SAME

• MODULE DE COMMUNICATION OPTIQUE ET SON SUBSTRAT

(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) SASHINAKA, Nobuo [JP/JP]; 3-14, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055 (JP). NISHIHARA, Kazunari [JP/JP]; 4-11-8, Uenoshibamukogaoka-cho, Sakai-shi, Osaka 593-8303 (JP). TSURUNARI, Tetsuya [JP/JP]; 18-21-301, Yanagida-cho, Kadoma-shi, Osaka 571-0038 (JP). YUDA, Naoki [JP/JP]; 5-2-507, Kikugaokaminamimachi, Hirakata-shi, Osaka 573-0092 (JP).

(74) IWAHASHI, Fumio et al. / etc.; Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (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 H04B 10/00

(11) WO 2004/045112 (13) A2

(21) PCT/US2003/034377

(22) 29 Oct/oct 2003 (29.10.2003)

(25) en (26) en

(30) 10/291,295 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR SILICON-BASED OPTICALLY-PUMPED AMPLIFICATION USING STIMULATED SCATTERING

• PROCEDE ET APPAREIL D'AMPLIFICATION A POMPAGE OPTIQUE SUR BASE DE SILICIUM PAR STIMULATION DE DISPERSION

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) NICOLAESCU, Remus; 2344 Van Ness Avenue #3, San Francisco, CA 94109 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04B 10/00

(11) WO 2004/045113 (13) A2

(21) PCT/US2003/034479

(22) 28 Oct/oct 2003 (28.10.2003)

(25) en (26) en

(30) 10/287,995 5 Nov/nov 2002 US (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD OF EVALUATING FIBER PMD USING POLARIZATION OPTICAL TIME DOMAIN REFLECTOMETRY

• PROCEDE D'EVALUATION DE FIBRES PAR PMD AU MOYEN D'UNE REFLECTOMETRIE OPTIQUE TEMPORELLE A POLARISATION

(71) CORNING INCORPORATED [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) CHEN, Xin; 315 West Pulteney Street, Apt. 1A, Corning, NY 14830 (US). MOZDY, Eric, J; 551 Coleman Avenue, Elmira, NY 14905 (US). STAINER, Darren, A; 4401 Patrick Avenue, Apt. 2B, Wilmington, NC 28403 (US). HUNT, Timothy, L; 5753 Oak Bluff Lane, Wilmington, NC 28409 (US). HERON, Nicol, A; 4108 Hearthsides Drive, Apt. 303, Wilmington, NC 28412 (US).

(74) CARLSON, Robert, L; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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) EP (AT BE BG CH 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 10/08

(11) WO 2004/045114 (13) A1

(21) PCT/JP2002/011901

(22) 14 Nov/nov 2002 (14.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • OPTICAL RECEIVER

• RECEPTEUR 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) KAWASUMI, Tatsuya [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) HATTORI, Kiyoshi; Hattori Patent Office, GE EDISON Bldg. Hachioji, 9-8, Azuma-cho, Hachioji-shi, Tokyo 192-0082 (JP).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR).

(51)⁷ H04B 10/08

(11) WO 2004/045115 (13) A1

(21) PCT/US2003/035999

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,001 8 Nov/nov 2002 US (08.11.2002)

(30) 60/425,003 8 Nov/nov 2002 US (08.11.2002)

(30) 10/695,342 28 Oct/oct 2003 US (28.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TEMPERATURE AND JITTER COMPENSATION CONTROLLER CIRCUIT AND METHOD FOR FIBER OPTICS DEVICE

• CIRCUIT DE COMMANDE DE COMPENSATION DE TEMPERATURE ET DE SCINTILLEMENT ET PROCEDE POUR OBTENIR UN DISPOSITIF A FIBRES OPTIQUES

(71) FINISAR CORPORATION [US/US]; 1308 Moffet Park Drive, Sunnyvale, CA 94089 (US).

(72) HOFMEISTER, Rudolf, J.; 544 East Evelyn Avenue, Sunnyvale, CA 94086 (US). BENCH, Samantha, R.; 555 Bootjack Lake Road, Whitefish, MT 59937 (US). BAN-NIKOV, Demitri; 100 E. Middlefield #5D, Mountain View, CA 94043 (US).

(74) ISRAELSEN, Burns, R. 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL SY TJ TM
TN TR TT TZ UA UG UZ VC VN YU ZA
ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ H04B 10/18

(11) WO 2004/045116 (13) A1

(21) PCT/JP2002/011833

(22) 13 Nov/nov 2002 (13.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

- (54) • DEVICE FOR ADEQUATELY REGULATING POWER OF OPTICAL SIGNAL
• DISPOSITIF DE REGULATION ADEQUATE DE LA PUISSANCE D'UN SIGNAL 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) SAKAMAKI, Hideyuki [JP/JP]; C/O FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). OIKAWA, Hiroshi [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.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H04B 15/00, H04K 1/00, H04L 27/30

(11) WO 2004/045117 (13) A1

(21) PCT/US2003/035267

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 60/425,424 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND APPARATUS FOR RAKE COMBINING BASED UPON SIGNAL TO INTERFERENCE NOISE RATIO

- PROCEDE ET DISPOSITIF DE COMBINAISON DE RAKE EN FONCTION DU RAPPORT SIGNAL/BRUIT-PARASITE

(71) ZYRAY WIRELESS, INC. [US/US]; 11455 El Camino Real, Suite 350, San Diego, CA 92130 (US).

(72) KONG, Ning; 4158 Decoro St., #24, San Diego, CA 92122 (US). RIPHAGEN, Ian; 822 San Gabriel Place 103, San Diego, CA

92109 (US). LOTTER, Michiel; 12658 Torrey Bluff Dr., #277, San Diego, CA 92130 (US).

(74) ZIMMER, Kevin, J.; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04H

(11) WO 2004/045118 (13) A2

(21) PCT/US2003/035506

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,366 8 Nov/nov 2002 US (08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • COMPOSITE CHANNEL QUALITY ESTIMATION TECHNIQUES FOR WIRELESS RECEIVERS

- TECHNIQUES PERMETTANT D'EVALUER LA QUALITE D'UN CANAL COMPOSITE POUR DES RECEPTEURS SANS FIL

(71) INTERDIGITAL TECHNOLOGY CORPORATION [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).

(72) PIETRASKI, Philip, J.; 199 N. Oak Street, North Massapequa, NY 11758 (US). DIFAZIO, Robert, A.; 15 Tennyson Place, Greenlawn, NY 11740 (US).

(74) HALT, Gerald, Jr. B.; Volpe and Koenig, P.C., United Plaza, Suite 1600, 30 South 17th Street, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04J 3/16, H04N 7/58

(11) WO 2004/045119 (13) A1

(21) PCT/US2003/035855

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,796 13 Nov/nov 2002 US (13.11.2002)

(30) 10/696,927 30 Oct/oct 2003 US (30.10.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHODS AND APPARATUS FOR STATISTICAL MULTIPLEXING WITH DISTRIBUTED MULTIPLEXERS

- PROCEDES ET APPAREILS POUR MULTIPLEXAGE STATISTIQUE ASSOCIES A DES MULTIPLEXEURS DISTRIBUES

(71) GENERAL INSTRUMENT CORPORATION [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).

(72) WU, Siu-Wai; 12655 Fairbrook Road, San Diego, CA 92131 (US). KELLEY, Keith, J.; 2826 Santa Fe Vista Court, Encinitas, CA 92024 (US). TRAN, Vinh; 1490 Tara Court, Carlsbad, CA 92008 (US).

(74) SILVERIO, John et al. / etc.; General Instrument Corporation, 101 Tournament Drive, Horsham, PA 19044 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04J 3/24

(11) WO 2004/045120 (13) A1

(21) PCT/US2003/035852

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,895 13 Nov/nov 2002 US (13.11.2002)

(30) 10/443,072 22 May/mai 2003 US (22.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • MANAGING PRIORITY QUEUES AND ESCALATION IN WIRELESS COMMUNICATION SYSTEMS

- GESTION DE FILES D'ATTENTE DE PRIORITE ET PROGRESSIVITE DANS DES SYSTEMES DE COMMUNICATIONS SANS FIL

(71) AGERE SYSTEMS INC. [US/US]; 555 Union Boulevard, Allentown, PA 18109 (US).

(72) DIEPSTRATEN, Wilhelmus; Wijnhovenstraat 7, Haghorst, 5089NX (NL). SOMANI, Jayant; 2109 C. Elder Street, Reading, PA 19604 (US). STRAUSS, Steven, E.; 1714 Laurel Lane, Orefield, PA 18069 (US).

(74) **BOLLMAN, William, H.**; Manelli Denison & Selter PLLC, Suite 700, 2000 M Street, NW, Washington, DC 20036-3307 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04J 13/00

(11) **WO 2004/045121** (13) A1

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(25) zh (26) zh

(30) 02148623.9 **13 Nov/nov 2002 (13.11.2002)** CN

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR MULTI-USER DEMODULATION WITH VARIABLE SPREAD SPECTRUM COEFFICIENT

• PROCEDE DE DEMODULATION MULTI-UTILISATEURS AVEC COEFFICIENT D'ETALEMENT DU SPECTRE VARIABLE

(71) **DA TANG MOBILE COMMUNICATIONS EQUIPMENT CO., LTD.** [CN/CN]; No.40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN).
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(72, 75) **LI, Feng** [CN/CN]; No.40 Xue Yuan Rd., Hai Dian District, Beijing 100083 (CN).

(74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No 10 Huayuan-Donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04J 13/04

(11) **WO 2004/045122** (13) A1

(21) PCT/JP2003/014493

(22) **14 Nov/nov 2003 (14.11.2003)**

(25) ja (26) ja

(30) 2002-330453 **14 Nov/nov 2002 (14.11.2002)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • CDMA TRANSMITTING APPARATUS AND CDMA RECEIVING APPARATUS
• APPAREIL DE TRANSMISSION CDMA ET APPAREIL DE RECEPTION CDMA

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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(72, 75) **SUDO, Hiroaki** [JP/JP]; 597-20, Higashikata-cho, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0045 (JP).

(74) **WASHIDA, Kimihito**; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04K 1/00, H04L 9/00, 9/32, G06F 11/30, 12/14

(11) **WO 2004/045123** (13) A1

(21) PCT/US2003/035607

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) en (26) en

(30) 60/424,240 **6 Nov/nov 2002 (06.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONFIDENTIAL DATA SHARING AND ANONYMOUS ENTITY RESOLUTION

• PARTAGE DE DONNEES CONFIDENTIELLES ET RESOLUTION D'ENTITE ANONYME

(71) **SYSTEMS RESEARCH & DEVELOPMENT** [US/US]; 6600 Bermuda Road, Suite A, Las Vegas, NV 89119 (US).

(72) **JONAS, Jeffrey, James**; 9717 Winter Palace Drive, Las Vegas, NV 89145 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L

(11) **WO 2004/045124** (13) A2

(21) PCT/US2003/026477

(22) **22 Aug/août 2003 (22.08.2003)**

(25) en (26) en

(30) 10/226,071 **22 Aug/août 2002 (22.08.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • SYSTEM AND METHOD FOR ENABLING MULTICAST IN A CDMA NETWORK

• SYSTEME ET PROCEDE PERMETTANT UNE MULTIDIFFUSION DANS UN RESEAU AMRC

(71) **NOKIA CORPORATION** [FI/FI]; Patent Department, Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) **LALWANEY, Poornima** [IN/US]; 13235 Capstone Drive, San Diego, CA 92130 (US).

(74) **PATEL, Milan**; % Brian Rivers, Patent Department, 6000 Connection Drive, Irving, TX 75039 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC 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 H04L

(11) **WO 2004/045125** (13) A2

(21) PCT/US2003/034998

(22) **3 Nov/nov 2003 (03.11.2003)**

(25) en (26) en

(30) 10/290,728 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • HYBRID WIRED/WIRELESS LOCAL AREA NETWORKING

• MISE EN RESEAU LOCAL FILAIRE/SANS FIL HYBRIDE

(71) **MAGIS NETWORKS, INC.** [US/US]; 12651 High Bluff Drive, San Diego, CA 92130 (US).

(72) **CRAWFORD, James, A.**; 13183 Seagrove Street, San Diego, CA 92130 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 S. LaSalle Street, Chicago, IL 60603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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

(11) WO 2004/045126 (13) A2

(21) PCT/US2003/035619

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 10/291,095 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ACTIVE NETWORK DEFENSE SYSTEM AND METHOD
• SYSTEME DE DEFENSE DE RESEAU ACTIF ET PROCEDE ASSOCIE

(71) **TIPPINGPOINT TECHNOLOGIES, INC.** [US/US]; 7501-B N. Capital of Texas Highway, Austin, TX 78731 (US).
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(72, 75) **CANTRELL, Craig** [US/US]; 6102 Northern Dancer, Austin, TX 78746 (US).
WILLEBEEK-LEMAIR, Marc [US/US]; 4016 Michael Neill Drive, Austin, TX 78730 (US).
COX, Dennis [US/US]; 16101 Braesgate Drive, Austin, TX 78717 (US).
MCHALE, John [US/US]; 5301 Mary Anna Drive, Austin, TX 78746 (US).
SMITH, Brian [US/US]; 2609 Waits Avenue, Forth Worth, TX 76109 (US).
KOLBLY, Donovan [US/US]; 8710 Mosquero Circle, Austin, TX 78748 (US).

(74) **SZUWALSKI, Andre, M.**; Jenkins & Gilchrist, a Professional Company, Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF

CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/045127 (13) A2

(21) PCT/US2003/035679

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 10/292,302 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WIRELESS SENSOR APPARATUS AND METHOD
• APPAREIL DETECTEUR SANS FIL, ET PROCEDE CORRESPONDANT

(71) **MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **CHIN, Kwan Wu.**; 8/36 Myra Road, Dluwich Hill, New South Wales 2203 (AU).
RAAD, Raad.; 30 Monteith Street, Cringila, New South Wales 2502 (AU).

(74) **NICHOLS, Daniel K.**, et al. / etc.; MOTOROLA, INC., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04L

(11) WO 2004/045128 (13) A2

(21) PCT/US2003/035737

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/425,791 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR FREQUENCY AND LOOP LENGTH GROUPING FOR CROSS-TALK REDUCTION IN A PLURALITY OF DSL CHANNELS

• PROCEDE DE GROUPEMENT DE FREQUENCES ET DE LONGUEURS DE BOUCLE POUR REDUIRE LA DIAPHONIE DANS UNE PLURALITE DE CANAUX DSL

(71) **UTSTARCOM, INC.** [US/US]; 1275 Harbor Bay Parkway, Alameda, CA 94502 (US).

(72) **LIU, Dongtai**; 2446 Lockwood Avenue, Fremont, CA 94539 (US).

(74) **FISCHER, Felix, L.**; Felix L. Fischer, Attorney at Law, 1607 Mission Drive, Suite 204, Solvang, CA 93463 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO 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 H04L

(11) WO 2004/045129 (13) A2

(21) PCT/US2003/035769

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 10/292,387 11 Nov/nov 2002 US (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • DISTRIBUTION OF DATA FLOWS TO LOCAL LOOP SUBSCRIBERS BY AN ACCESS MULTIPLEXER

• REPARTITION DE FLUX DE DONNEES A DES LIGNES LOCALES D'ABONNES A L'AIDE D'UN MULTIPLEXEUR D'ACCES

(71) **CALIX NETWORKS, INC.** [US/US]; 1035 N. McDowell Blvd., Petaluma, CA 94954 (US).

(72) **SANCHEZ, Cheryl, A.**; 27 River Street, Wesford, MA 01886 (US).
HERMAN, Franklin, B.; 230 Stone School Road, Sutton, MA 01590 (US).
GARVIN, Lisa, Yago; 1812 Adobe Creek Drive, Petaluma, CA 94954 (US).
MEDIKONDA, Ravi; 1108 Vista Pointe Circle, San Ramon, CA 94583 (US).

(74) **SURYADEVARA, Omkar**; Silicon Valley Patent Group LLP, 2350 Mission College Blvd., Ste 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 ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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

(11) **WO 2004/045130** (13) A2

(21) PCT/US2003/036320

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 60/425,382 **12 Nov/nov 2002** US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR GENERATING AND PLAYING DIAGNOSTIC MESSAGES INDICATIVE OF MTA PROVISIONING STATUS

• PROCEDE ET APPAREIL PERMETTANT DE GENERER ET DE LIRE DES MESSAGES DE DIAGNOSTIC INDICANT UN ETAT DE FOURNITURE DE MTA

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-F-92648 Boulogne (FR).

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(72, 75) **BROERMAN, Keith, Robert** [US/US]; 13457 Dunes Drive, Carmel, IN 46032 (US). **RUCH, Glen, Wakeman** [US/US]; 7525 Honnen North Avenue, Indianapolis, IN 46256 (US). **RAMEY, Blaine, Edward** [US/US]; 6617 N. Oakland Avenue, Indianapolis, IN 46220 (US). **BAEHL, Brian, David** [US/US]; 11511 Old Oakland Blvd. North Drive, Indianapolis, IN 46236 (US).

(74) **TRIPOLI, Joseph, S. et al. / etc.**; c/o Thomson Licensing Inc., Two Independence Way, Suite 200, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04L 1/00

(11) **WO 2004/045131** (13) A2

(21) PCT/DE2003/003691

(22) **6 Nov/nov 2003 (06.11.2003)**

(25) de (26) de

(30) 102 52 230.8 **11 Nov/nov 2002** DE (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR TRANSMITTING DATA
• PROCEDE DE TRANSMISSION DE DONNEES

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE). **ZF LENKSYSTEME GMBH** [DE/DE]; Richard-Bullinger-Strasse 77, 73527 Schwäbisch Gmünd (DE).

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(72, 75) **ZARGA, Heikel** [TN/DE]; Gluecksburger Str. 92, 24943 Flensburg (DE). **BOEHL, Eberhard** [DE/DE]; Heimbuchlstrasse 36, 72768 Reutlingen (DE). **HARTER, Werner** [DE/DE]; Hummelberg 4, 75428 Illingen (DE).

(74) **ROBERT BOSCH GMBH**; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 1/20, 25/06

(11) **WO 2004/045132** (13) A1

(21) PCT/US2003/031702

(22) **7 Oct/oct 2003 (07.10.2003)**

(25) en (26) en

(30) 10/065,724 **13 Nov/nov 2002** US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMBINING DIRECT INTERFERENCE ESTIMATION AND DECODER METRICS FOR AMR MODE ADAPTATION IN GSM SYSTEMS

• COMBINAISON D'EVALUATION DE BROUILLAGE DIRECTE ET DE METRIQUE DE DECODEUR VISANT A AFFINER LE MODE MULTIDEBIT ADAPTATIF DANS LES SYSTEMES GSM

(71) **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]; Nya Vattentorget, S-221 83 Lund (SE).

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(72, 75) **PATAIT, Abhijit** [IN/US]; 620 Park View Drive, Apt. 212, Santa Clara, CA 95054 (US). **RAO, Prasada** [IN/US]; 2108 Echo Glen Lane, Apex, NC 27502 (US).

(74) **STEPHENS, Gregory**; Moore & Van Allen, PLLC, 2200 W. Main Street, Suite 800, Durham, NC 27705 (US).

(81) AE AG 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).

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(51)⁷ H04L 9/00

(11) **WO 2004/045133** (13) A1

(21) PCT/IB2003/004997

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 10/292,484 **13 Nov/nov 2002** US (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • KEY DISTRIBUTION ACROSS NETWORKS

• DISTRIBUTION DE CLES PAR DES RESEAUX

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).

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(72, 75) **NARAYANAN, Ram, Gopal, Lakshmi** [IN/US]; 2 Kimball Ct., Apt. 506, Woburn, MA 01801 (US).

(74) **WRIGHT, Bradley, C.**; Banner & Witcoff, Ltd., 1001 G Street, N.W., Eleventh Floor, Washington, D.C. 20001-4597 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 9/00

(11) **WO 2004/045134** (13) A1

(21) PCT/US2002/035403

(22) **5 Nov/nov 2002 (05.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SELF-SYNCHRONIZING, STREAM-ORIENTED DATA ENCRYPTION TECHNIQUE

• TECHNIQUE DE CHIFFREMENT DE DONNEES ORIENTEE FLUX A AUTO-SYNCHRONISATION

- (71) **THE TITAN CORPORATION** [US/US]; 3033 Science Park Road, San Diego, CA 92121 (US).

- (72) **BIALLY, Theodore**; 67 Carriage Way, Sudbury, MA 01776 (US). **LEE, Harry, B.**; 12162 SE 14th Street, Bellevue, WA 98005 (US). **MASSEY, James, L.**; Trondhjems gate 3, 2TH, DK-2100 Copenhagen East (DK).

- (74) **THOMPSON, James, F.** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

- (51)⁷ **H04L 9/00, 9/06**

- (11) **WO 2004/045135** (13) A1

- (21) PCT/US2003/031810

- (22) **7 Oct/oct 2003 (07.10.2003)**

- (25) en (26) en

- (30) 10/289,970 **6 Nov/nov 2002** US

- (30) 10/289,992 **6 Nov/nov 2002** US
(06.11.2002)

- (43) 27 May/mai 2004 (27.05.2004)

- (54) • SYSTEM AND METHOD FOR IMPLEMENTING DES ENCRYPTION

• SYSTEME ET PROCEDE DE MISE EN OEUVRE DE LA NORME DE CHIFFREMENT DES DONNEES

- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 4150 Network Circle, Santa Clara, CA 95054 (US).

- (72) **RARICK, Leonard, D.**; 2817 Amulet Street, San Diego, CA 92123-3136 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SD SE SG SK SL SJ TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE

DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **H04L 9/10**

- (11) **WO 2004/045136** (13) A1

- (21) PCT/JP2003/014290

- (22) **11 Nov/nov 2003 (11.11.2003)**

- (25) en (26) en

- (30) 2002-329468 **13 Nov/nov 2002** JP
(13.11.2002)

- (43) 27 May/mai 2004 (27.05.2004)

- (54) • INFORMATION PROCESSING APPARATUS, METHOD, SYSTEM, AND COMPUTER PROGRAM PRODUCT

• APPAREIL, PROCEDE ET SYSTEME DE TRAITEMENT D'INFORMATIONS ET PROGRAMME INFORMATIQUE

- (71, 72) **ISHIZAKI, Toshikazu** [JP/JP]; c/o Japan Information Technology Co., Ltd., ShokoBuilding, 5th floor, 3-10 Kanda-jinbo-cho, Chiyoda-ku, Tokyo 101-0051 (JP).

- (74) **ARIGA, Gunichiro**; No. 2 Tanaka Building, 6-9, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ 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 9/32**

- (11) **WO 2004/045137** (13) A1

- (21) PCT/FR2003/003261

- (22) **31 Oct/oct 2003 (31.10.2003)**

- (25) fr (26) fr

- (30) 02/13946 **7 Nov/nov 2002** FR
(07.11.2002)

- (43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND SYSTEM FOR AUTHENTICATING A SET OF DATA TRANSMITTED BY FAX

• PROCEDE ET SYSTEME D'AUTHENTIFICATION D'UN ENSEMBLE DE DONNEES TRANSMISES PAR FAX

- (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) **CAMIN, Jean-Michel** [FR/FR]; 5, allée de la Mule, F-33470 Gujan-Mestras (FR).

- (74) **BENTZ, Jean-Paul**; Cabinet Ballot, 122, rue Edouard Vaillant, F-92593 Levallois-Perret Cedex (FR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **H04L 12/00**

- (11) **WO 2004/045138** (13) A1

- (21) PCT/CN2003/000920

- (22) **30 Oct/oct 2003 (30.10.2003)**

- (25) zh (26) zh

- (30) 02146483.9 **12 Nov/nov 2002** CN
(12.11.2002)

- (30) 02146484.7 **12 Nov/nov 2002** CN
(12.11.2002)

- (43) 27 May/mai 2004 (27.05.2004)

- (54) • AN END-TO-END ROUTE METHOD FOR WIRELESS INTERNET PROTOCOL VOICE CORE NETWORK

• PROCEDE D'ACHEMINEMENT POINT A POINT DE RESEAU CENTRAL VOCAL PROTOCOLE INTERNET SANS FIL

- (71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WANG, Jie** [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).

- (74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 SJ 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 12/00**

- (11) **WO 2004/045139** (13) A2

- (21) PCT/US2003/036100

- (22) **12 Nov/nov 2003 (12.11.2003)**

- (25) en (26) en

- (30) 10/295,268 **14 Nov/nov 2002** US
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND METHOD FOR DISCOVERY AND CONFIGURATION
- SYSTEME ET PROCEDE POUR LA DECOUVERTE ET LA CONFIGURATION
- (71) DIGI INTERNATIONAL INC. [US/US]; 11001 Bren Road East, Minnetonka, MN 55343 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) VAFEL, Amir [US/US]; 8164 Peony Lane N., Maple Grove, MN 55311 (US).
- (74) STEFFEY, Charles, E. et al. / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04L 12/14
- (11) WO 2004/045140 (13) A1
- (21) PCT/CN2003/000887
- (22) 22 Oct/oct 2003 (22.10.2003)
- (25) zh (26) zh
- (30) 02149288.3 **12 Nov/nov 2002** CN
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A METHOD ABOUT PREPAYMENT MULTIMEDIA MESSAGING SERVICE
- PROCEDE LIE A UN SERVICE DE MESSAGERIE MULTIMEDIA A PREPAIEMENT
- (71) HUAWEI TECHNOLOGIES CO., LTD. [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) TANG, Fei [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). LI, Xiaobin [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). XU, Xuetao [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN). YANG, Weishu [CN/CN]; Huawei Administration Building, Bantian, Longgang District, Shenzhen, Guangdong 518129 (CN).
- (74) DEQI INTELLECTUAL PROPERTY LAW CORPORATION; 8 Fl., Golder Plaza, No.10 Huayuan-donglu, Haidian District, Beijing 100083 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM

- DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04L 12/14, H04M 15/00, H04Q 7/38
- (11) WO 2004/045141 (13) A1
- (21) PCT/FI2002/000893
- (22) 12 Nov/nov 2002 (12.11.2002)
- (25) en (26) en
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR AVOIDING DOUBLE CHARGING OF A SERVICE IN A TELECOMMUNICATION SYSTEM
- PROCEDE PERMETTANT D'EVITER LA DOUBLE COMPTABILISATION D'UN SERVICE DANS UN SYSTEME DE TELECOMMUNICATION
- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HURTTA, Tuija [FI/FI]; Kiskottajankuja 4 D 49, FIN-02660 Espoo (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- Declarations / Déclarations :
- (s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
- (u) for / pour US only / seulement

- (51)⁷ H04L 12/14
- (11) WO 2004/045142 (13) A1
- (21) PCT/GB2003/004958
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 0226488.5 **13 Nov/nov 2002** GB
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • RATE MODELLING
- MODELISATION DE TARIFS
- (71) BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY [GB/GB]; BT Group Legal, Intellectual Property Department, PP C5A ,BT Centre, 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GIOBERTI, Stefano, Pietro [GB/GB]; 11 Ravenscraig Road, New Southgate, London, Greater London N11 1AE (GB).
- (74) LLOYD, Barry, George, William; BT Group Legal Intellectual Property Department, Holborn Centre, 8TH Floor, 120 Holborn, London EC1N 2TE (GB).
- (81) CA US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
- Published / Publiée : (c)
-
- (51)⁷ H04L 12/14
- (11) WO 2004/045143 (13) A1
- (21) PCT/KR2003/002446
- (22) 13 Nov/nov 2003 (13.11.2003)
- (25) ko (26) en
- (30) 10-2002-0070357 **13 Nov/nov 2002** KR
(13.11.2002)
- (30) 10-2002-0070358 **13 Nov/nov 2002** KR
(13.11.2002)
- (30) 10-2002-0070359 **13 Nov/nov 2002** KR
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • APPARATUS FOR ANALYZING THE PACKET DATA ON MOBILE COMMUNICATION NETWORK AND METHOD THEREOF
- APPAREIL D'ANALYSE DE DONNEES PAR PAQUETS SUR UN RESEAU DE COMMUNICATION MOBILE ET SON PROCEDE
- (71) KTFREETEL CO., LTD. [KR/KR]; 890-20, Daechi-dong, Gangnam-gu, 135-280 Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SEO, Kyoung-II [KR/KR]; 103-303 Hansin apt., Ilwon-dong, Gangnam-gu, 135-230 Seoul (KR). KIM, Yong-Beom [KR/KR]; 310-1103 Huindolmaeul apt., 1349 Baekseok-dong, Ilsan-gu, 411-724 Goyang-city, Gyeonggi-do (KR). KIM, Sung-Chul [KR/KR]; 712-604 Gangchonmaeul Sungkyong apt., 796 Madu-dong, Ilsan-gu, 411-717 Goyang-city, Gyeonggi-do (KR). LEE, Soo-Kil [KR/KR]; 711-304 Jukong apt., 233 Cheolsan-dong, 423-735 Gwangmyeong-city, Gyeonggi-do (KR).

- LEE, Seung-Chul [KR/KR]; 403-1004 Neutimaaul apt., Jeongja-dong, Bundang-gu, 463-010 Seongnam-city, Gyeonggi-do (KR). KIM, Kyoung-Sool [KR/KR]; 104-501 Boramaeparkvil apt., Sindaebang 2-dong, Dongjak-gu, 156-012 Seoul (KR).
- (74) YOU ME PATENT & LAW FIRM; Teheran Bldg., 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/18, 29/06, 12/58
- (11) WO 2004/045144 (13) A1
- (21) PCT/US2003/021354
- (22) 8 Jul/juill 2003 (08.07.2003)
- (25) en (26) en
- (30) 10/288,548 6 Nov/nov 2002 US (06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND METHOD FOR ADD-ON SERVICES, SECONDARY AUTHENTICATION, AUTHORIZATION AND/OR SECURE COMMUNICATION FOR DIALOG BASED PROTOCOLS AND SYSTEMS
- SYSTEME ET PROCEDE DESTINES A DES SERVICES ADDITIFS, AUTHENTICATION SECONDAIRE, AUTORISATION ET/OU COMMUNICATION SECURISEE POUR PROTOCOLES ET SYSTEMES A BASE DE DIALOGUE
- (71) IMlogic, Inc. [US/US]; 265 Winter Street, Waltham, MA 02451 (US).
- (72) SHAH, Milan; 75 Federal Street, Suite 800, Boston, MA 02110 (US). HASSOUNAH, Khaled, W.; 75 Federal Street, Suite 800, Boston, MA 02110 (US).
- (74) DISCHER, Gregory, S. et al. / etc.; Hale and Dorr LLP, 1455 Pennsylvania Avenue, NW, Washington, DC 20004 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/26
- (11) WO 2004/045146 (13) A1
- (21) PCT/CN2003/000788
- (22) 17 Sep/sep 2003 (17.09.2003)
- (25) zh (26) zh
- (30) 02148367.1 11 Nov/nov 2002 CN (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • A METHOD FOR REALIZE THE RELIABLE TRANSMISSION OF TRANSACTION MECHANISM OF STATE MACHINE
- PROCEDE DE REALISATION D'UNE TRANSMISSION FIABLE D'UN MECANISME DE TRANSACTION D'UN AUTOMATE FINI
- (71) HUAWEI TECHNOLOGIES CO., LTD [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).
- (72, 75) ZHAO, Rui [CN/CN]; Intellectual Property Department, Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Shenzhen, Guangdong 518057 (CN).
- (74) WANG, Xueqiang; Unitalen Attorneys at Law, Rm. 30703, 7th Floor Scitech Place, No.22 Jian Guo Men Wai Ave., Chaoyang District, Beijing 100004 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/28, 29/06, H04M 1/2745
- (11) WO 2004/045147 (13) A1
- (21) PCT/EP2002/012757
- (22) 14 Nov/nov 2002 (14.11.2002)
- (25) en (26) en
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR MANAGING THE PROCEDURE FOR USER CONNECTION TO COMPUTER NETWORKS SUCH AS THE INTERNET
- PROCEDE DE GESTION DE LA PROCEDURE DE CONNEXION D'UN UTILISATEUR A DES RESEAUX INFORMATIQUES TELS QU'INTERNET
- (71) INTERFREE S.p.A. [IT/IT]; Via E. Fermi, 1, 56012 Formacette di Calcinaita (IT).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) DIOMELELLI, Giuseppe [IT/IT]; Via Amendola, 21, I-56025 Pontedera (IT).
- (74) CIOPPI, Gianluigi; Italtelvet di G. Giorgi, Piazza della Libertà, 14, I-56025 Pontedera (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 SY TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE 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 2004/045148 (13) A1
(21) PCT/EP2003/012835
(22) 13 Nov/nov 2003 (13.11.2003)
(25) en (26) en
(30) 02447220.1 13 Nov/nov 2002 EP (13.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • A ROUTER OR BRIDGE DEVICE COMPRISING AN INSTALLATION APPLICATION
• DISPOSITIF ROUTEUR OU PONT COMPRENANT UNE APPLICATION D'INSTALLATION
(71) THOMSON LICENSING S.A. [FR/FR]; 46 Quai A. Le Gallo, F-92100 Boulogne-Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) DELEU, Johan [BE/BE]; Quarteerstraat 13, B-2627 Schelle (BE). VRANKEN, Gert [BE/BE]; Diergaertstraat 8, B-3570 Alken (BE). COSEMANS, Peter [BE/BE]; Paul Van Ostaijenlaan, B-2547 Lint (BE).
(74) KOHRS, Martin; THOMSON, 46 quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)
- (51)⁷ H04L 12/28
(11) WO 2004/045149 (13) A1
(21) PCT/US2002/040205
(22) 16 Dec/déc 2002 (16.12.2002)
(25) en (26) en
(30) 60/425,867 12 Nov/nov 2002 US (12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • COMMUNICATION PROTOCOLS, SYSTEMS AND METHODS
• PROTOCOLES, SYSTEMES ET PROCEDES DE COMMUNICATIONS
(71) ZETERA CORPORATION [US/US]; University Research Park, 5251, California Avenue, Suite 160, Irvine, CA 92612 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) FRANK, Charles [US/US]; Zetera Corporation, 4800 Camino Costado, San Clemente, CA 92673 (US). LUDWIG, Thomas [US/US]; Zetera Corporation, 4800 Camino Costado, San Clemente, CA 92673 (US). HANAN, Thomas [US/US]; Zetera Corporation, 27022 Manscal, Mission Viejo, CA 92691 (US). BABBITT, William [US/US]; Zetera Corporation, 22350 Gavilan Road, Perris, CA 92570 (US).
(74) FISH, Robert et al. / etc.; Rutan & Tucker LLP, 611 Anton Boulevard, Suite 1400, Costa Mesa, CA 92626 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
Published / Publiée : (a)
- (51)⁷ H04L 12/28
(11) WO 2004/045150 (13) A2
(21) PCT/US2003/034427
(22) 30 Oct/oct 2003 (30.10.2003)
(25) en (26) en
(30) 60/423,813 5 Nov/nov 2002 US (05.11.2002)
(30) 10/421,264 23 Apr/avr 2003 US (23.04.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • SHARED-MEDIUM CONTENTION ALGORITHM EXHIBITING FAIRNESS
• ALGORITHME DE CONTENTION EQUITABLE D'UN SUPPORT PARTAGE
(71) GLOBESPAN VIRATA, INC. [US/US]; 100 Schulz Drive, Red Bank, NJ 07701 (US).
(72) WENTINK, Maarten, Menzo; Oudegracht 3A, NL-3511 AB Utrecht (NL).
(74) DEMONT, Jason, Paul et al. / etc.; DeMont & Breyer, LLC, Suite 250, 100 Commons Way, Holmdel, NJ 07733 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04L 12/44
(11) WO 2004/045151 (13) A2
(21) PCT/IL2003/000948
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 152824 13 Nov/nov 2002 IL (13.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
(54) • ADDRESSABLE OUTLET, AND A NETWORK USING SAME
• DISPOSITIF ADRESSABLE ET RESEAU UTILISANT CE PORT
(71) SERCONET LTD. [IL/IL]; 16 Ha'Haroshet Street, P.O.B. 2009, 43657 Ra'anana (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) BINDER, Yehuda [IL/IL]; 30 Yeshurun Street, 45200 Hod Hasharon (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 NI NO NZ OM PG PH PL PT RO RU SC 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)
- (51)⁷ H04L 12/46, 12/64, G06F 13/40
(11) WO 2004/045152 (13) A1
(21) PCT/IB2003/005107
(22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 60/425,848 12 Nov/nov 2002 US (12.11.2002)
(30) 60/445,372 6 Feb/fév 2003 US (06.02.2003)
(43) 27 May/mai 2004 (27.05.2004)
(54) • METHOD AND APPARATUS FOR EFFICIENT TIMEOUT MESSAGE MANAGEMENT
• PROCEDE ET DISPOSITIF DESTINES A UNE GESTION EFFICACE DE MESSAGES DE TEMPORISATION
(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) SATO, Takashi [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). TOGUCHI, Kazunobu [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
(74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; Intellectual Property & Standards, c/o PIOTROWSKI, Daniel, J., P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (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 (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 12/46, 29/12

(11) WO 2004/045153 (13) A1

(21) PCT/US2003/035105

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/288,243 5 Nov/nov 2002 US
(05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHODS AND APPARATUS FOR
BROADCAST DOMAIN INTERWORK-
ING

• PROCEDES ET APPAREIL POUR L'IN-
TERCONNEXION DE DOMAINES DE
DIFFUSION

(71) ENTERASYS NETWORKS, INC.
[US/US]; 50 Minuteman Road, Andover,
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(72) MANCOUR, Timothy; 35 Warren Drive,
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(74) RUSSAVAGE, Edward, J.; Lowrie, Lando
& Anastasi, LLP, One Main Street, Cam-
bridge, MA 02142 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT RO RU SC SD SE SG SK SL TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM
ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

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(51)⁷ H04L 12/56

(11) WO 2004/045154 (13) A1

(21) PCT/CN2002/000807

(22) 13 Nov/nov 2002 (13.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • MULTI-MODAL WEB INTERACTION
OVER WIRELESS NETWORK

• INTERACTION WEB MULTIMODE
SUR UN RESEAU SANS FIL

(71) INTEL CORPORATION [US/US]; 2200
Mission College Boulevard, Santa Clara,
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[CN/CN]; Beijing Kerry Center, 6/F, North
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(74) KANGXIN & PARTNERS; Suite 2313,
XinLong Mansion, A33 Erlonglu, Xicheng
District, Beijing 100032 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SD SE SG SI SK SL TJ TM TN TR TT
TZ UA UG US UZ VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) WO 2004/045155 (13) A1

(21) PCT/CN2003/000959

(22) 13 Nov/nov 2003 (13.11.2003)

(25) zh (26) zh

(30) 02152505.6 14 Nov/nov 2002 CN
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NETWORK TRAFFIC STATISTICS
METHOD OF IP DEVICE

• METHODES POUR ETABLIR DES STA-
TISTIQUES SUR LE TRAFIC DE RE-
SEAU D'UN DISPOSITIF IP

(71) HUAWEI TECHNOLOGIES CO., LTD.
[CN/CN]; Huawei Administration Build-
ing, Bantian, Longgang District, Shenzhen,
Guangdong 518129 (CN).

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(72, 75) LI, Jie [CN/CN]; Huawei Adminis-
tration Building, Bantian, Longgang Dis-
trict, Shenzhen, Guangdong 518129 (CN).
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tration Building, Bantian, Longgang District,
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zhen, Guangdong 518129 (CN). YUAN, Hui
[CN/CN]; Huawei Administration Build-
ing, Bantian, Longgang District, Shenzhen,
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(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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU 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 H04L 12/56

(11) WO 2004/045156 (13) A2

(21) PCT/EP2003/012592

(22) 11 Nov/nov 2003 (11.11.2003)

(25) de (26) de

(30) 102 52 293.6 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND DEVICE FOR TREAT-
ING DATA BATCHES IN A MEMORY
MANAGEMENT AND INFORMATION
SOFTWARE PACKAGE

• PROCEDE ET DISPOSITIF DE TRAI-
TEMENT DE PAQUETS DE DONNEES
DANS UNE GESTION DE MEMOIRE
ET PRODUIT-PROGRAMME INFOR-
MATIQUE

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

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(72, 75) WOLF, Erwin [DE/DE]; Zambzer-
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[DE/DE]; Luisenstr. 60a, 80798 München
(DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 H04L 12/56, 29/06, H04Q 7/38

(11) WO 2004/045157 (13) A1

(21) PCT/FI2003/000862

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

- (30) 60/426,017 **14 Nov/nov 2002** US
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • LOCATION RELATED INFORMATION IN MOBILE COMMUNICATION SYSTEM
- INFORMATION CONCERNANT LA LOCALISATION DANS UN SYSTEME 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) ASOKAN, Nadarajah [CA/FI]; Ankkurinvärsi 6 K, FIN-02320 Espoo (FI). RANTALAINEN, Timo [FI/FI]; Meripuis-totie 4 A 7, FIN-00200 Helsinki (FI). GINZ-BOORG, Philip [IL/FI]; Yläkaupinkuja 1 B 10, FIN-02360 Espoo (FI).
- (74) KOLSTER OY AB; Iso Roobertinkatu 23, P.O.Box 148, FIN-00121 Helsinki (FI).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) EE EG (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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04L 12/56, 12/26, 29/06
- (11) WO 2004/045158 (13) A1
- (21) PCT/FR2003/003230
- (22) 29 Oct/oct 2003 (29.10.2003)
- (25) fr (26) fr
- (30) 02/13887 **6 Nov/nov 2002** FR
(06.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND SYSTEM FOR REGULATING VOLUME CONSUMPTION

- OF TRAFFIC OF COMPUTER ENTITIES HAVING ACCESS TO SHARED RESOURCES
- PROCEDE ET SYSTEME DE REGULATION DE LA CONSOMMATION DE VOLUME DE TRAFIC D'ENTITES INFORMATIQUES AYANT ACCES A DES RESSOURCES PARTAGEES
- (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) BROWN, Patrick [FR/FR]; c/o France Telecom, 905, rue Albert Einstein, F-06921 Sophia-Antipolis (FR). COLLANGE, Denis [FR/FR]; c/o France Telecom, 905, rue Albert Einstein, F-06921 Sophia-Antipolis (FR). BUSTOS, Anne-Marie [FR/FR]; c/o France Telecom, 905, rue Albert Einstein, F-06921 Sophia-Antipolis (FR).
- (74) FRECHEDE, Michel et al. / etc.; Cabinet Lavoix, 2, place d'Estienne d'Orves, F-75441 Paris Cédex 09 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)
- (51)⁷ H04L 12/56, 29/06
- (11) WO 2004/045159 (13) A2
- (21) PCT/GB2003/004812
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 0226289.7 **11 Nov/nov 2002** GB
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • TELECOMMUNICATIONS
- TELECOMMUNICATIONS
- (71) ORANGE SA [FR/FR]; 6, Place d'Alleray, F-75015 Cedex 15 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHEN, Xiaobao [CN/GB]; 17 Beech Drive, Swindon SN5 5DQ (GB).
- (74) CROSS, James P., A. et al. / etc.; R G C Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

- (51)⁷ H04L 12/56
- (11) WO 2004/045160 (13) A2
- (21) PCT/GB2003/004854
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 0226249.1 **11 Nov/nov 2002** GB
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • DATA PACKET HANDLING IN COMPUTER OR COMMUNICATION SYSTEMS
- MANIPULATION DE PAQUETS DE DONNEES DANS DES SYSTEMES INFORMATIQUES OU DE COMMUNICATION
- (71) CLEARSPEED TECHNOLOGY LIMITED [GB/GB]; 3110 Great Western Court, Hunts Ground Road, Stoke Gifford, Bristol BS34 8HP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) SPENCER, Anthony [GB/GB]; 34 Amberley Way, Wickwar, Wotton-under-Edge, South Gloucestershire GL12 8LP (GB). CAMERON, Ken [GB/GB]; 23 Elizabeth Crescent, Stoke Gifford, Bristol BS34 8NY (GB).
- (74) O'CONNELL, David, Christopher; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (US).
- (81) AE AG AL AM 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) EE EG (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 SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
- (51)⁷ H04L 12/56
- (11) WO 2004/045161 (13) A1
- (21) PCT/GB2003/004866
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 0226249.1 **11 Nov/nov 2002** GB
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • PACKET STORAGE SYSTEM FOR TRAFFIC HANDLING
- SYSTEME DE STOCKAGE DE PAQUETS POUR LA GESTION DU TRAFIC

(71) **CLEARSPPEED TECHNOLOGY LIMITED** [GB/GB]; 3110 Great Western Court, Hunts Ground Road, Stoke Gifford, Bristol BS34 8HP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPENCER, Anthony** [GB/GB]; 34 Amberley Way, Wickwar, Wotton-under-Edge, South Gloucestershire GL12 8LP (GB).

(74) **O'CONNELL, David, Christopher**; Haseltine Lake, Imperial House, 15-19 Kingsway, London WC2B 6UD (US).

(81) AE AG AL AM 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) 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 SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **H04L 12/56**

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(21) PCT/GB2003/004893

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 0226249.1 **11 Nov/nov 2002 GB (11.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TRAFFIC MANAGEMENT ARCHITECTURE**

• **ARCHITECTURE DE GESTION DE TRAFIC**

(71) **CLEARSPPEED TECHNOLOGY LIMITED** [GB/GB]; 3110 Great Western Court, Hunts Ground Road, Stoke Gifford, Bristol BS34 8HP (GB).

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(72, 75) **SPENCER, Anthony** [GB/GB]; 34 Amberley Way, Wickwar, Wotton-under-Edge, South Gloucestershire GL12 8LP (GB).

(74) **O'CONNELL, David, Christopher et al.** / etc.; 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 (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 SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/56**

(11) **WO 2004/045163** (13) A1

(21) PCT/JP2002/011779

(22) **12 Nov/nov 2002 (12.11.2002)**

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • **COMMUNICATION NETWORK SYSTEM**

• **SYSTEME DE RESEAUX DE COMMUNICATION**

(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) **NABAE, Takehiro** [JP/JP]; c/o FUJITSU NETWORK SOLUTIONS LIMITED, 22-7, Minamiohi 6-chome, Sinagawa-ku, Tokyo 140-8545 (JP).

(74) **TOYAMA, Tsutomu et al.** / etc.; Yokoyama Building 6th floor, 4-10, Higashinohbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) JP US.

(51)⁷ **H04L 12/56**

(11) **WO 2004/045164** (13) A1

(21) PCT/JP2002/011883

(22) **14 Nov/nov 2002 (14.11.2002)**

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • **DATA RELAY, METHOD FOR DETERMINING TRANSMISSION DESTINATION OF ACQUIRED REQUEST, AND PROGRAM FOR REALIZING THE METHOD BY COMPUTER**

• **RELAIS DE DONNEES, PROCEDE DE DETERMINATION DE LA DESTINATION DE TRANSMISSION D'UNE DEMANDE ACQUISE, ET PROGRAMME DE MISE EN OEUVRE DUDIT PROCEDE PAR ORDINATEUR**

(71) **ALLIED TELESIS K.K.** [JP/JP]; TOC Bldg., 7-22-17, Nishi-Gotanda, Shinagawa-ku, Tokyo 141-8635 (JP).

(72) **OHTA, Takayuki**; c/o COREGA K.K., 1-19-20, Shin-Yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(74) **IEIRI, Takeshi**; Riversteel Bldg. 6th Floor, 2-9-30, Kitasaiwai, Nishi-ku, Yokohama-shi, Kanagawa 220-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD

RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/56**

(11) **WO 2004/045165** (13) A1

(21) PCT/KR2003/002421

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) en (26) en

(30) 02 1 50630.2 **11 Nov/nov 2002 CN (11.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD FOR UPDATING MULTIMEDIA BROADCAST/MULTICAST SERVICE (MBMS) CONTEXT IN RADIO NETWORK CONTROLLER (RNC)**
• **PROCEDE DE MISE A JOUR D'UN CONTEXTE DE DIFFUSION MULTIMEDIA/SERVICE MULTIDESTINATAIRE DANS UN CONTROLEUR DE CHAINE DE RADIODIFFUSION (RNC)**

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Yeongtong-gu, Suwon-si, 442-742 Gyeonggi-do (KR). **BEIJING SAMSUNG TELECOM R & D CENTER** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, 100081 Beijing (CN).
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(72, 75) **SUN, Chunying** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, 100081 Beijing (CN). **LI, Xiaochang** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, 100081 Beijing (CN). **LI, Detao** [CN/CN]; 4F Science and Technology Tower No.11 Zhongguancun Nan Lu, Haidian District, 100081 Beijing (CN). **CHOI, Sung-Ho** [KR/KR]; #157-401, Hwanggolmaeul APT., Yeongtong-dong, Paldal-gu, Suwon-si, 442-740 Gyeonggi-do (KR).

(74) **LEE, Keon-Joo**; Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu, 110-524 Seoul (KR).

(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 **H04L 12/56, 12/28**

(11) **WO 2004/045166** (13) A1

(21) PCT/NO2003/000385

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 20025428 **13 Nov/nov 2002 NO (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • **A METHOD FOR ROUTING MESSAGES FROM A SOURCE NODE TO A DESTINATION NODE IN A DYNAMIC NETWORK**

• **PROCEDE DE ROUTAGE DE MESSAGES EN PROVENANCE D'UN NOEUD D'ORIGINE VERS UN NOEUD DE DESTINATION DANS UN RESEAU DYNAMIQUE**

(71) **TELENOR ASA** [NO/NO]; Snarøyveien 30, N-1331 Fornebu (NO).
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(72, 75) **CANRIGHT, Geoffrey** [US/NO]; Waldemar Thranes gate 40B, N-0171 Oslo (NO).

(74) **OSLO PATENTKONTOR AS**; P.O. Box 7007 M, N-0306 Oslo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ H04L 12/56

(11) **WO 2004/045167** (13) A1

(21) PCT/SE2003/001754

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 0203362-9 **13 Nov/nov 2002 SE (13.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR SELECTING A LOGICAL LINK FOR A PACKET IN A ROUTER
• PROCEDE DE SELECTION D'UNE LIAISON LOGIQUE POUR UN PAQUET DANS UN ROUTEUR

(71) **OPERAX AB** [SE/SE]; Aurorum 8, S-977 75 LULEÅ (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGLUND, Jan** [SE/SE]; Sagovägen 18, S-135 51 TYRESÖ (SE). **STEVANOVIC, Dusan** [SE/SE]; Biskopsgränd 7, S-187 73 TÄBY (SE).

(74) **DR LUDWIG BRANN PATENTBYRÅ AB**; Box 17192, S-104 62 STOCKHOLM (SE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) **WO 2004/045168** (13) A2

(21) PCT/US2003/033924

(22) **24 Oct/oct 2003 (24.10.2003)**

(25) en (26) en
(30) 10/290,040 **5 Nov/nov 2002 US (05.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • FLOW CONTROL IN A NETWORK ENVIRONMENT
• CONTROLE DE FLUX DANS UN ENVIRONNEMENT RESEAU

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **WOLRICH, Gilbert**; 4 Cider Mill Road, Framingham, MA 01701 (US). **ADILETTA, Matthew**; 20 Monticello Drive, Worcester, MA 01603 (US). **HOOPER, Donald**; 19 Main Circle, Shrewsbury, MA 01545 (US). **WILDE, Myles**; 48 Russell Street, Charlestown, MA 02129 (US).

(74) **HARRIS, Scott, C. et al.** / etc.; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, 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 DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56

(11) **WO 2004/045169** (13) A2

(21) PCT/US2003/036099

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 10/293,162 **12 Nov/nov 2002 US (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • ROUTING SYSTEM AND METHOD FOR SYNCHRONIZING

• SYSTEME DE ROUTAGE ET PROCEDE DE SYNCHRONISATION

(71) **CISCO TECHNOLOGY, INC.** [US/US]; Mail Stop 10/2/1, 300 East Tasman, San Jose, CA 95164 (US).

(72) **SCUDDER, John, Galen**; 900 Spring Street, Ann Arbor, MI 48103 (US). **WARD, David, Delano**; 301 221st Avenue, Somerset, WI 54025 (US).

(74) **VIKSNINS, Ann, S. et al.** / etc.; Schwegman, Lundberg, Woessner & Kluth, P.A., P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 12/58

(11) **WO 2004/045170** (13) A1

(21) PCT/CN2003/000350

(22) **14 May/mai 2003 (14.05.2003)**

(25) zh (26) zh

(30) 02 1 49289.1 **12 Nov/nov 2002 CN (12.11.2002)**

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR FORWARDING MESSAGE BETWEEN THE DIFFERENT MULTIMEDIA MESSAGE CENTERS

• PROCEDE DE RETRANSMISSION DE MESSAGES ENTRE DIFFERENTS CENTRES DE MESSAGES MULTIMEDIA

(71) **HUAWEI TECHNOLOGIES CO., LTD.** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN).

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(72, 75) **TANG, Fei** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **LI, Xiaobin** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **LIU, Minghai** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **ZHANG, Bo** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **MENG, Yong** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan District, Shenzhen, Guangdong 518057 (CN). **YANG, Weishu** [CN/CN];

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(74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No 10 Huayuan-Donglu, Haidian District, Beijing 100083 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/58, G06F 17/60, 17/30**

(11) **WO 2004/045171** (13) A1

(21) PCT/GB2003/004927

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 0226596.5 **14 Nov/nov 2002 (14.11.2002)** GB

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD AND DEVICE FOR ELECTRONIC MAIL**

• **PROCEDE ET DISPOSITIF DE COURRIER ELECTRONIQUE**

(71) **SMARTNER LIMITED** [GB/GB]; 2 Hills Road, Cambridge, Cambridgeshire CB2 1JP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUTCHER, Paul** [GB/GB]; 2 Hills Road, Cambridge, Cambridgeshire CB2 1JP (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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **H04L 12/58, G01R 31/02, G06F 15/16, 9/00**

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(21) PCT/US2003/034894

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en

(26) en

(30) 10/289,902 **7 Nov/nov 2002 (07.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **INTELLIGENT CONTROL FOR SCALEABLE CONGESTION FREE SWITCHING**

• **COMMANDE INTELLIGENTE POUR SYSTEME DE COMMUTATION SANS ENCOMBREMENT, EVOLUTIF**

(71) **INTERACTIC HOLDINGS, LLC** [US/US]; 3 Stockton Drive, Cranbury, NJ 08512 (US).

(72) **REED, Coke**; Interactic Holdings, 3 Stockton Drive, Cranbury, NJ 08512 (US). **MURPHY, David**; 4831 Trail Crest Circle, Austin, TX 78735 (US).

(74) **SOFFEN, Stephen, A.**; Dickstein Shapiro Morin & Oshinsky LLP, 2101 L Street NW, Washington, DC 20037-1526 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ **H04L 12/66, 12/28, H04Q 7/38**

(11) **WO 2004/045173** (13) A1

(21) PCT/JP2003/011435

(22) **8 Sep/sep 2003 (08.09.2003)**

(25) ja (26) ja

(30) 2002/329820 **13 Nov/nov 2002 (13.11.2002)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • **NETWORK ACCESS CONTROL SYSTEM**

• **SYSTEME DE CONTROLE D'ACCES AU RESEAU**

(71) **FUJITSU LIMITED** [JP/JP]; 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

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(72, 75) **IGARASHI, Yoichiro** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP). **TAKASE, Masaaki** [JP/JP]; c/o FUJITSU LIMITED, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).

(74) **TOYAMA, Tsutomu** et al. / etc.; Acropolis 21 Building 6th floor, 4-10, Higashi Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0004 (JP).

(81) JP US.

(51)⁷ **H04L 12/66**

(11) **WO 2004/045174** (13) A1

(21) PCT/KR2003/002447

(22) **14 Nov/nov 2003 (14.11.2003)**

(25) ko (26) en

(30) 10-2002-0070751 **14 Nov/nov 2002 (14.11.2002)** KR

(30) 10-2003-0029927 **12 May/mai 2003 (12.05.2003)** KR

(43) 27 May/mai 2004 (27.05.2004)

(54) • **METHOD FOR COLLECT CALL SERVICE BASED ON VOIP TECHNOLOGY AND SYSTEM THEREOF**

• **PROCEDE POUR SERVICE D'APPEL EN PCV BASE SUR LA TECHNOLOGIE VOCALE ET SYSTEME AFFERENT**

(71, 72) **KWON, Ey-Taeg** [KR/KR]; 106-1104 Seogwang APT., 638 Deungchon-dong, Gangseo-gu, 157-030 Seoul (KR).

(74) **LEE, Kyeong-Ran**; 502 BYC Bldg., 648-1 Yeoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04L 25/03, G06F 17/14, H03H 21/00**

(11) **WO 2004/045175** (13) A2

(21) PCT/IB2003/005054

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) 60/425,847 **12 Nov/nov 2002 (12.11.2002)** US

(30) 60/445,390 **6 Feb/fév 2003 (06.02.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • **TRANSFORM-DOMAIN SAMPLE-BY-SAMPLE DECISION FEEDBACK EQUALIZER**

• **EGALISEUR A DECISION RETROACTIVE ECHANTILLON PAR ECHANTILLON DU DOMAINE DE TRANSFORMATION**

(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) **BIRRU, Dagnachew** [US/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(74) **KONINKLIJKE PHILIPS ELECTRONICS N.V.**; Intellectual Property & Standards,

c/o Piotrowski, Daniel J., P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

(81) AE AG 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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04L 27/00

(11) WO 2004/045176 (13) A1

(21) PCT/JP2003/014330

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-327118 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RADIO COMMUNICATION SYSTEM AND RADIO COMMUNICATION METHOD

• SYSTEME ET PROCEDE DE RADIO-COMMUNICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HIRANO, Jun [JP/JP]; 20-9-206, Tsukui 3-chome, Yokosuka-shi, Kanagawa 239-0843 (JP). IMAMURA, Daichi [JP/JP]; 21-20-102, Tsukui 3-chome, Yokosuka-shi, Kanagawa 239-0843 (JP).

(74) NIHEI, Masayuki; Tomin Shinjuku Bldg. 2F, 8-8, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ

MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 27/00

(11) WO 2004/045177 (13) A1

(21) PCT/JP2003/014331

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-327430 11 Nov/nov 2002 JP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RADIO COMMUNICATION APPARATUS AND RADIO COMMUNICATION METHOD

• APPAREIL ET PROCEDE DE RADIO-COMMUNICATION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) IMAMURA, Daichi [JP/JP]; 21-20-102, Tsukui 3-chome, Yokosuka-shi, Kanagawa 239-0843 (JP). HIRANO, Jun [JP/JP]; 20-9-206, Tsukui 3-chome, Yokosuka-shi, Kanagawa 239-0843 (JP).

(74) NIHEI, Masayuki; Tomin Shinjuku bldg. 2F, 8-8, Shinjuku 2-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04L 27/30

(11) WO 2004/045178 (13) A2

(21) PCT/US2003/036430

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,781 12 Nov/nov 2002 US (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • FAST SYMBOL TIMING RECOVERY FOR TRANSMITTED DIGITAL DATA

• RECUPERATION RAPIDE DE SYNCHRONISATION DE SYMBOLES POUR DONNEES NUMERIQUES TRANSMISES

(71) UTSTARCOM, INC. [US/US]; 1275 Harbor Bay Parkway, Alameda, CA 94502 (US).

(72) YU, Yanbin; 96 Mission Ridge, Fremont, CA 94539 (US). ZHENG, Quingyi; 6277 Potrero Drive, Newark, CA 94560 (US).

(74) FISCHER, Felix, L.; Felix L. Fischer, Attorney at Law, 1607 Mission Drive, Suite 204, Solvang, CA 93463 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT RO 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 H04L 27/36

(11) WO 2004/045179 (13) A1

(21) PCT/FR2003/003134

(22) 24 Oct/oct 2003 (24.10.2003)

(25) fr (26) fr

(30) 02/13817 5 Nov/nov 2002 FR (05.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TRAINING SEQUENCE FOR LINEARIZING AN RF AMPLIFIER

• SEQUENCE D'APPRENTISSAGE POUR LA LINEARISATION D'UN AMPLIFICATEUR RF

(71) EADS TELECOM [FR/FR]; Rue Jean-Pierre Timbaud, Batiment Jean-Pierre Timbaud, F-78180 Montigny Le Bretonneux (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) TOUCHAIS, Sandrine [FR/FR]; 91 bis, rue de Paris, f-91400 Orsay (FR). CHECOURY, Xavier [FR/FR]; 7, rue des Cottages, F-75018 Paris (FR).

(74) VERDURE, Stéphane, et al. / etc.; Cabinet Plasseraud, 65/67, rue de la Victoire, f-75440 Paris cedex 9 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 27/36, 25/03

(11) WO 2004/045180 (13) A1

(21) PCT/US2003/031845

(22) 7 Oct/oct 2003 (07.10.2003)

- (25) en (26) en
(30) 60/416,898 **8 Oct/oct 2002** US
(08.10.2002)
(30) 10/663,136 **16 Sep/sep 2003** US
(16.09.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • APPARATUS, METHODS AND ARTICLES OF MANUFACTURE FOR PRE-EMPHASIS FILTERING OF A MODULATED SIGNAL
• PROCEDE ET APPAREIL POUR LE FILTRAGE DE PRE-ACCENTUATION STABLE D'UN SIGNAL MODULE

(71) M/A-COM, INC. [US/US]; 1011 Pawtucket Boulevard, Lowell, MA 01853 (US).

(72) LIU, Frank; 18 Rocky Hill Road, Princeton, NJ 08540 (US).

(74) ARONOFF, Michael, J. et al. / etc.; Tyco Technology Resources, Suite 140, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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).

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(51)⁷ H04L 29/00

(11) WO 2004/045181 (13) A2

(21) PCT/US2003/034160

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 10/291,017 **7 Nov/nov 2002** US
(07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • SYSTEM, METHOD AND DEVICE FOR AUTONEGOTIATION
• SYSTEME, PROCEDE ET DISPOSITIF D'AUTONEGOCIATION

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) BOOTH, Bradley; 3851 Sendero Drive, Austin, TX 78735 (US).

(74) MALLIE, Michael, J.; Blakely Sokoloff Taylor & Zafman, 12400 Wilshire Boulevard, 7th Floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04L 29/06, H04M 7/00

(11) WO 2004/045182 (13) A1

(21) PCT/DE2003/003456

(22) 17 Oct/oct 2003 (17.10.2003)

(25) de (26) de

(30) 102 52 989.2 **14 Nov/nov 2002** DE
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • TRANSMISSION OF CALL-CONTROL PARAMETERS BETWEEN TWO MEDIA GATEWAY CONTROLLERS IN SIP/SIP-T NETWORKS

- TRANSMISSION DE PARAMETRES DE COMMANDE D'APPEL ENTRE DEUX CONTROLEURS DE PASSE-RELLE DE TELECOMMUNICATION DANS DES RESEAUX SIP/SIP-T

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

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(72, 75) BAUMANN, Thomas [DE/DE]; Drosselweg 4, 83607 Holzkirchen (DE). HOFFMANN, Klaus [DE/DE]; Peschelanger 8, 81735 München (DE).

(74) SIEMENS AKTIENGESELLSCHAFT; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04L 29/06, 12/46

(11) WO 2004/045183 (13) A1

(21) PCT/EP2003/012832

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 02292825.3 **13 Nov/nov 2002** EP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND DEVICE FOR SUPPORTING A 6TO4 TUNNELING PROTOCOL ACROSS A NETWORK ADDRESS TRANSLATION MECHANISM

- PROCEDE ET DISPOSITIF POUR LA MISE EN OEUVRE DE PROTOCOLE TUNNEL 6A4 SUR UN MECANISME DE TRADUCTION D'ADRESSE DE RESEAU

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai A. Le Gallo, F-92100 Boulogne (FR).

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(72, 75) LEPOIL, Elisabeth [FR/FR]; 55, rue du Parc, F-35135 Chantepie (FR). VAN AKEN, Dirk [BE/BE]; J.S. Bachlaab 12B2, B-1083 Ganshoren (BE).

(74) KOHRS, Martin; Thomson, 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 29/06, 9/08

(11) WO 2004/045184 (13) A1

(21) PCT/FR2003/003249

(22) 30 Oct/oct 2003 (30.10.2003)

(25) fr (26) fr

(30) 0213982 **30 Oct/oct 2002** FR
(30.10.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR RENEWING SYMMETRICAL KEYS IN A DIGITAL NETWORK

- PROCEDE DE RENOUVELLEMENT DE CLES SYMETRIQUES DANS UN RESEAU NUMERIQUE

(71) THOMSON LICENSING S.A. [FR/FR]; 46, quai Alphonse Le Gallo, F-92100 Boulogne-Billancourt (FR).

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(72, 75) DURAND, Alain [FR/FR]; 79, rue de Dinan, F-35000 Rennes (FR). ANDREAUX, Jean-Pierre [FR/FR]; 20 rue de Longueil, F-35000 Rennes (FR).

(74) BERTHER, Karine; Thomson, 46 Quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO 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).

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(51)⁷ H04L 29/06

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(21) PCT/FR2003/003260

(22) 31 Oct/oct 2003 (31.10.2003)

(25) fr (26) fr

- (30) 02/13945 7 Nov/nov 2002 FR
(07.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND SYSTEM FOR AUTHENTICATING A SET OF DATA TRANSMITTED BY AN IP TERMINAL
• PROCEDE ET SYSTEME D'AUTHENTIFICATION D'UN ENSEMBLE DE DONNEES TRANSMISES PAR UN TERMINAL IP
- (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) CAMIN, Jean-Michel [FR/FR]; 5, allée de la Mule, F-33470 Gujan-Mestras (FR).
- (74) BENTZ, Jean-Paul; Cabinet Ballot, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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
- (11) WO 2004/045186 (13) A1
- (21) PCT/IB2003/004852
- (22) 30 Oct/oct 2003 (30.10.2003)
- (25) en (26) en
- (30) 0226420.8 13 Nov/nov 2002 GB
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • AN IMPROVED COMMUNICATIONS PROTOCOL
• PROTOCOLE DE COMMUNICATIONS AMELIORE
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FISHER, Andrew, J. [GB/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB). MORIDI, Said [FR/GB]; c/o Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (74) TURNER, Richard, C.; Philips Intellectual Property & Standards, Cross Oak Lane, Redhill, Surrey RH1 5HA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

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 :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/045187 (13) A1

(21) PCT/PL2002/000086

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD, APPARATUS AND COMPUTER PROGRAM PRODUCT FOR PROCESSING MESSAGES TO ENSURE CONFIDENTIALITY BY ENCRYPTING THE PRIVATE DATA OF THE MESSAGE
• PROCEDE, APPAREIL ET PROGRAMME INFORMATIQUE PERMETTANT DE TRAITER DES MESSAGES DE MANIERE A ASSURER LA CONFIDENTIALITE PAR CHIFFREMENT DES DONNEES PRIVEES DU MESSAGE

(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) STEPNIIEWSKI, Pawel [PL/PL]; Saperow 34/2, PL-53-151 Wroclaw (PL). GOLEC, Hubert [PL/PL]; 11 Listopada 165/71, PL-41-219 Sosnowiec (PL). CHIMIEL, Marek [PL/PL]; Agrestowa 7, PL-43-525 Zebrydowice (PL).

(74) STASIEWSKI, Piotr, Grzegorz; Motorola Polska SP. z o. o., Jasnogorska 1, PL-31-358 Krakow (PL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SC 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 IE IT LU MC NL

PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PG PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ H04L 29/06, 29/08

(11) WO 2004/045188 (13) A1

(21) PCT/US2003/035044

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 10/294,094 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND SYSTEM FOR TRANSFERRING LARGE DATA FILES OVER PARALLEL CONNECTIONS
• PROCEDE ET SYSTEME POUR TRANSFERER DE GRANDS FICHIERS DE DONNEES SUR DES CONNEXIONS PARALLELES

(71) AVID TECHNOLOGY, INC. [US/US]; Avid Technology Park, One Park West, Tewksbury, MA 01876 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAMBLE, Jonathan, Bailey [US/US]; 608 Dorado Terrace, San Francisco, CA 94112-1762 (US).

(74) ARTHUR, S. Garrett; Finnegan, Henderson, Farabow, Garrett & Dunner, LL, P, 1300 1 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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(51)⁷ H04L 29/06

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(22) 6 Nov/nov 2003 (06.11.2003)

- (25) en (26) en
- (30) 60/425,124 **8 Nov/nov 2002** US
(08.11.2002)
- (30) 10/602,971 **23 Jun/juin 2003** US
(23.06.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHODS AND APPARATUS FOR PERFORMING CONTENT DISTRIBUTION IN A CONTENT DISTRIBUTION NETWORK
- PROCEDES ET DISPOSITIF DESTINES A REALISER UNE DISTRIBUTION DE CONTENU DANS UN RESEAU DE DISTRIBUTION DE CONTENU
- (71) CISCO TECHNOLOGY, INC. [US/US]; 170 West Tasman Drive, San Jose, CA 95134-1706 (US).
- (72) LISKOV, Barbara; 111 Lincoln Street, Waltham, MA 02451 (US). STAVISKY, Dmitry; 5 Loring Lane, Wayland, MA 01778 (US). MORRIS, Stephen, Jeffrey; 84 South Shaker Road, Harvard, MA 01451 (US). LI, Dan; 1322 Nelson Way, Sunnyvale, CA 94087 (US).
- (74) CHAPIN, Barry, W. et al. / etc.; Westborough Office Park, 1700 West Park Drive, Westborough, MA 01581 (US).
- (81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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)

(t) for all designations / pour toutes les désignations ; (t) for all designations / pour toutes les désignations

- (51)⁷ H04L 29/06
- (11) WO 2004/045190 (13) A2
- (21) PCT/US2003/035676
- (22) 6 Nov/nov 2003 (06.11.2003)
- (25) en (26) en
- (30) 10/293,879 **13 Nov/nov 2002** US
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)

- (54) • GROUP CALL ADDRESS OF RECORD COMPRESSION
- COMPRESSION D'UNE ADRESSE DE DOCUMENTS DANS UN APPEL DE GROUPE
- (71) MOTOROLA, INC. [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) ARMBRUSTER, Peter, J.; 4941 West Flint Street, Chandler, AZ 85226 (US). ALBAL, Nandakishore, A.; 11329 East Autumn Sage Drive, Scottsdale, AZ 85255 (US). SCHAEFER, Bradley, R.; 1206 West Armstrong Way, Chandler, AZ 85248 (US).
- (74) KOCH, William, E.; 3102 North 56th Street, AZ11/56-238, Phoenix, AZ 85018-6606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 29/08, G06F 15/163

(11) WO 2004/045191 (13) A1

(21) PCT/DE2003/002970

(22) 8 Sep/sep 2003 (08.09.2003)

(25) de (26) de

(30) 102 53 115.3 **13 Nov/nov 2002** DE
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD FOR PERMITTING AN EXCHANGE OF DATA BETWEEN AN XLET-BASED AND A BUNDLE-BASED DATA SET VIA A BUNDLE-BASED INTERFACE
- PROCEDE POUR PERMETTRE UN ECHANGE DE DONNEES ENTRE UN JEU DE DONNEES A BASE D'XLETS ET D'UN JEU DE DONNEES A BASE DE FAISCEAUX PAR L'INTERMEDIAIRE D'UNE INTERFACE A BASE DE FAISCEAUX

(71) ROBERT BOSCH GMBH [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

(72) MANN PELZ, Rodolfo; Scharnhorststrasse 5, 30175 Hannover (DE). MAY, Thomas; Gruener Platz 7c, 38302 Wolfenbuettel (DE).

(74) ROBERT BOSCH GMBH; Postfach 30 02 20, 70442 Stuttgart (DE).

(81) KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

(51)⁷ H04M

(11) WO 2004/045192 (13) A2

(21) PCT/US2003/036447

(22) 12 Nov/nov 2003 (12.11.2003)

- (25) en (26) en
- (30) 10/292,786 **12 Nov/nov 2002** US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • OVER-THE-AIR SUBSIDY LOCK RESOLUTION
- RESOLUTION DE BLOCAGE DE LIGNE SUBVENTIONNEE PAR VOIE HERTZIENNE
- (71) MOTOROLA, INC., A CORPORATION OF THE STATE OF DELAWARE [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) KELKAR, Uday; 1158 Chesterfield Lane, Grayslake, IL 60030 (US). AERRABOTU, Naveen; 7943 Dada Drive, Gurnee, IL 60031 (US).
- (74) VAAS, Randall S., et al. / etc.; 600 North US Highway 45, AN475, Libertyville, IL 60048 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04M 1/00, 11/10, G10K 15/02
- (11) WO 2004/045193 (13) A1
- (21) PCT/JP2003/014407
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) ja (26) ja
- (30) 2002-329843 **13 Nov/nov 2002** JP
(13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • CONTENT REPRODUCTION DEVICE WITH TELEPHONE FUNCTION
- DISPOSITIF DE REPRODUCTION D'UN CONTENU PRESENTANT UNE FONCTION TELEPHONIQUE
- (71) SANYO ELECTRIC CO., LTD. [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HIRAO, Keiji [JP/JP]; 2-6-6-401, Hiyoishi-cho, Moriguchi-shi, Osaka 570-0081 (JP). KAMIMURA, Toru [JP/JP]; 722-2, Kashiwabara, Santo-cho, Sakata-gun, Shiga 521-0202 (JP).
- (74) YAMADA, Yoshito; The Tanabe Building, 6-6, Fushimimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0044 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ

- LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04M 3/00, 5/00, 1/00, 9/00, 9/08, 3/00
(11) WO 2004/045194 (13) A1
(21) PCT/US2003/036374
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 2,411,622 12 Nov/nov 2002 CA (12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
- (54) • SILENT RINGING WITH REDUCED DEVICE SIZES
• SIGNAL D'APPEL SILENCIEUX POUR DISPOSITIF DE TAILLE REDUITE
- (71) CATENA NETWORKS, INC. [US/US]; 303 Twin Dolphin Drive, Suite 600, Redwood Shores, CA 94065 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) PORTER, Steven [CA/CA]; 65 Meadowbank Drive, Nepean, Ontario K2G 0P1 (CA).
- (74) HAMILTON, Charles, L. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04M 15/00, H04L 12/14, H04Q 7/38
(11) WO 2004/045195 (13) A1
(21) PCT/IB2003/005267
(22) 10 Nov/nov 2003 (10.11.2003)
(25) en (26) en
(30) 10/291,760 12 Nov/nov 2002 US (12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
- (54) • A METHOD OF COMMUNICATION AND COMMUNICATION SYSTEM
• PROCEDE ET SYSTEME DE COMMUNICATION

- (71) NOKIA CORPORATION [FI/FI]; Keilalahdentie 4, FIN-02150 ESPOO (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BAJKO, Gabor [HU/HU]; Rezeda u 8a, H-1214 Budapest (HU). STURA, Marco [IT/IT]; Koivuviita 7 B 6, FIN-02130 Espoo (FI). GABOR, Jaro [HU/HU]; Belu u 109, H-Budapest 1162 (HU).
- (74) STYLE, Kelda, Camilla, Karen; 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N
(11) WO 2004/045196 (13) A2
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(22) 17 Oct/oct 2003 (17.10.2003)
(25) en (26) en
(30) 10/292,717 12 Nov/nov 2002 US (12.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
- (54) • CONTINUE RECORDING CHANNEL FEATURE FOR PERSONAL VIDEO RECORDER
• ENREGISTREMENT CONTINU DE CARACTERISTIQUE DE CHAINE POUR ENREGISTREUR PERSONNEL DE VIDEO
- (71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (71) U.S. PHILIPS CORPORATION [US/US]; 1251 Avenue of the Americas, New York, NY 10510-8001 (US).
(only for / seulement pour AE)
- (72) MEKENKAMP, Gerhardus, E.; P.O. Box 220, NL- 5600 AE Eindhoven (NL). BARBIERI, Mauro; P.O. Box 220, NL- 5600 AE Eindhoven (NL). PAULUSSEN, Igor, W.F.; P.O. Box 220, NL- 5600 AE Eindhoven (NL).
- (74) KONINKLIJKE PHILIPS ELECTRONICS N.V.; c/o LUNDIN, Thomas, M., 595 Miner Road, Cleveland, OH 44143 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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).

- DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N
(11) WO 2004/045197 (13) A2
(21) PCT/US2003/034644
(22) 31 Oct/oct 2003 (31.10.2003)
(25) en (26) en
(30) 60/424,451 7 Nov/nov 2002 US (07.11.2002)
(43) 27 May/mai 2004 (27.05.2004)
- (54) • A SYSTEM AND METHOD FOR DETERMINING LIP SYNCHRONIZATION BETWEEN AUDIO AND VIDEO IN A DIGITIZED ENVIRONMENT USING BUFFER CALCULATION
• SYSTEME ET PROCEDE POUR DETERMINER PAR DES CALCULS DE MEMOIRE TAMPON UNE SYNCHRONISATION LABIALE ENTRE DES SIGNAUX AUDIO ET VIDEO DANS UN ENVIRONNEMENT NUMERISE
- (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) JOHNSON, Devon, Matthew [US/US]; 13245 LaCanada Boulevard, Fishers, IN 46038 (US). JUNKERSFELD, Phillip, Aaron [US/US]; 13232 Cameo Court, Carmel, IN 46033 (US).
- (74) TRIPOLI, Joseph, S. et al. / etc.; c/o Thomson Licensing Inc., Two Independence Way, Suite #200, Princeton, NJ 08540 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ H04N
(11) WO 2004/045198 (13) A2
(21) PCT/US2003/035898
(22) 12 Nov/nov 2003 (12.11.2003)
(25) en (26) en
(30) 60/425,669 13 Nov/nov 2002 US (13.11.2002)
(30) 10/668,114 22 Sep/sep 2003 US (22.09.2003)
(43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND PROCESS FOR BREAK DETECTION IN POROUS ELEMENTS FOR SCREENING OR FILTERING

- SYSTEME ET PROCEDE DE DETECTION DE RUPTURE DANS DES ELEMENTS POREUX POUR CRIBLAGE OU FILTRAGE
- (71) **M-I L.L.C.** [US/US]; 5950 North Coarse Drive, Houston, TX 77072 (US).
- (72) **DECENSO, Anthony, J.**; 9002 Bordeaux Court, Cincinnati, OH 45242 (US).
- (74) **MCCONAGHY, John, D.**; Fulbright & Jaworski L.L.P., 865 South Figueroa, Twentieth Floor, Los Angeles, CA 90017-2571 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
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- (51)⁷ **H04N**
- (11) **WO 2004/045199** (13) A2
- (21) PCT/US2003/036086
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 10/293,593 **12 Nov/nov 2002 (12.11.2002)** US
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYSTEM AND METHOD FOR PROCESSING SYMBOLS EMBEDDED IN DIGITAL VIDEO
- SYSTEME ET PROCEDE DE TRAITEMENT DE SYMBOLES INTEGRES DANS UNE VIDEO NUMERIQUE
- (71) **QUALCOMM INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (72) **LANE, Richard, D.**; 14434 Calle Nublado, San Diego, CA 92129 (US). **SILBERGER, Amnon**; 8779 Gilman Drive, #A, La Jolla, CA 92037 (US).
- (74) **WADSWORTH, Philip, R.** et al. / etc.; QUALCOMM Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **H04N 1/00**
- (11) **WO 2004/045200** (13) A1
- (21) PCT/US2003/033732
- (22) **24 Oct/oct 2003 (24.10.2003)**
- (25) en (26) en
- (30) 10/289,938 **7 Nov/nov 2002 (07.11.2002)** US
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND SYSTEM FOR CONDUCTING IMAGE PROCESSING FROM A MOBILE CLIENT DEVICE
- PROCEDE ET SYSTEME DE TRAITEMENT D'IMAGE A PARTIR D'UN DISPOSITIF MOBILE CLIENT
- (71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650 (US).
- (72) **LUO, Jiebo**; 5 Tippet Way, Pittsford, NY 14534 (US). **SINGHAL, Amit**; 163 Robert Quigley Drive, Scottsville, NY 14546 (US). **GRAY, Robert, Terry**; 225 Frankland Road, Rochester, NY 14617 (US). **TOUCHARD, Nicolas, Patrice, Bernard**; 8, rue Fizeau, F-92150 Suresnes (FR).
- (74) **CLOSE, Thomas, H.** et al. / etc.; 343 State Street, Rochester, NY 14650-2201 (US).
- (81) CN JP KR.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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- (51)⁷ **H04N 1/41**
- (11) **WO 2004/045201** (13) A2
- (21) PCT/US2003/036107
- (22) **12 Nov/nov 2003 (12.11.2003)**
- (25) en (26) en
- (30) 10/292,163 **12 Nov/nov 2002 (12.11.2002)** US
- (30) 10/303,180 **25 Nov/nov 2002 (25.11.2002)** US
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHODS, DEVICES, AND SYSTEMS FOR CREATING AND COMPRESSING MULTI-LEVEL HALFTONES
- PROCEDES, DISPOSITIFS ET SYSTEMES POUR LA CREATION ET LA COMPRESSION DE DEMI-TEINTES MULTINIVEAU
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, Palo Alto, CA 94304-1112 (US).
- (72) **ANDERSON, Peter, G.**; 25 Eastview Terrace, Pittsford, NY 14534 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 **H04N 1/60, 1/58, 1/00**
- (11) **WO 2004/045202** (13) A1
- (21) PCT/US2003/035823
- (22) **7 Nov/nov 2003 (07.11.2003)**
- (25) en (26) en
- (30) 10/290,927 **8 Nov/nov 2002 (08.11.2002)** US
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SYMPTOMATIC REDUCTION OF BANDING ARTIFACTS
- REDUCTION SYMPTOMATIQUE D'ARTEFACTS EN BANDES
- (71) **HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.** [US/US]; 20555 S.H. 249, Houston, TX 77070 (US).
- (72) **SHAKED, Doron**; 16A Mapu Street, 34361 Haifa (IL). **GILA, Omer**; 7574 Waterford Drive, Cupertino, CA 95014 (US). **SHAW, Rodney**; 281 Ventana Way, Aptos, CA 95003 (US).

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- (74) **HEMINGER, Susan E.**; Hewlett-Packard Company, IP Administration, P. O. Box 272400, Fort Collins, CO 80527-2400 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

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- (51)⁷ **H04N 5/00**
- (11) **WO 2004/045203** (13) A1
- (21) PCT/JP2003/014415
- (22) **13 Nov/nov 2003 (13.11.2003)**
- (25) ja (26) ja
- (30) 2002-329447 **13 Nov/nov 2002 (13.11.2002)** JP
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • REMOTE CONTROL DEVICE AND PROGRAM RECEPTION SYSTEM
- DISPOSITIF DE TELECOMMANDE ET SYSTEME DE RECEPTION DE PROGRAMMES
- (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) FUCHIKAMI, Tetsuji [JP/JP]; 3-14-524, Miyukihigashimachi, Neyagawa-shi, Osaka 572-0055 (JP). HI-RAYAMA, Kazuhiko [JP/JP]; 3-23-B202, Higashitoyonakamachi, Toyonaka-shi, Osaka 560-0003 (JP).
- (74) NAKAJIMA, Shiro; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04N 5/335

(11) WO 2004/045204 (13) A1

(21) PCT/JP2003/014115

(22) 5 Nov/nov 2003 (05.11.2003)

(25) ja (26) ja

(30) 2002-329727 13 Nov/nov 2002 JP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SOLID STATE IMAGING APPARATUS
• DISPOSITIF D'IMAGERIE A SEMI-CONDUCTEUR

(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) MABUCHI, Keiji [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) NAKAMURA, Tomoyuki; c/o Miyoshi International Patent Office, 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

(51)⁷ H04N 5/335, H01L 27/14

(11) WO 2004/045205 (13) A1

(21) PCT/JP2003/014296

(22) 11 Nov/nov 2003 (11.11.2003)

(25) ja (26) ja

(30) 2002-328868 12 Nov/nov 2002 JP (12.11.2002)

(30) 2003-377163 6 Nov/nov 2003 JP (06.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SOLID-STATE IMAGE PICKUP ELEMENT AND CAMERA HAVING THE SAME

• ELEMENT DE CAPTURE D'IMAGE A SEMICONDUCTEUR ET CAMERA POURVUE DE CET ELEMENT

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).

(72) NAGAYOSHI, Ryoichi; 14-24, Matsuo-cho, Nishinomiya-shi, Hyogo 662-0076 (JP). FUJII, Toshiya; 6-8-9, Ogino-sato-higashi, Otsu-shi, Shiga 520-0248 (JP). HASUKA, Tsuyoshi; 469, Hamadera-funao-cho Nishi 4-cho, Sakai-shi, Osaka 592-8342 (JP). KOHNO, Akiyoshi; 55-2-427, Higashikubo-cho, Nishinanajo, Shimogyo-ku, Kyoto-shi, Kyoto 600-8873 (JP). TASHIRO, Shinichi; 2-50-510, Iwakura-cho, Ibaraki-shi, Osaka 567-0871 (JP). ITAKURA, Keijiro; 3-5-407, Higashioda, Ibaraki-shi, Osaka 567-0012 (JP).

(74) IKEUCHI SATO & PARTNER PATENT ATTORNEYS; 26th Floor, OAP Tower, 8-30, Tenmabashi 1-chome, Kita-ku, Osaka-shi, Osaka 530-6026 (JP).

(81) CN KR.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H04N 5/92

(11) WO 2004/045206 (13) A1

(21) PCT/JP2003/014133

(22) 6 Nov/nov 2003 (06.11.2003)

(25) ja (26) ja

(30) 2002-327450 11 Nov/nov 2002 JP (11.11.2002)

(30) 2003-23084 31 Jan/jan 2003 JP (31.01.2003)

(30) 2003-75579 19 Mar/mar 2003 JP (19.03.2003)

(30) 2003-157787 3 Jun/juin 2003 JP (03.06.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • INFORMATION PROCESSING DEVICE AND METHOD, PROGRAM STORAGE MEDIUM, RECORDING MEDIUM, AND PROGRAM

• DISPOSITIF ET PROCEDE DE TRAITEMENT D'INFORMATIONS, SUPPORT DE STOCKAGE DE PROGRAMME, SUPPORT D'ENREGISTREMENT ET PROGRAMME

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KATO, Motoki [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) INAMOTO, Yoshio; 711 Building 4F, 11-18, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04N 5/92, G11B 20/10

(11) WO 2004/045207 (13) A1

(21) PCT/JP2003/014237

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-328045 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • RECORDING/REPRODUCTION DEVICE AND METHOD

• DISPOSITIF ET PROCEDE D'ENREGISTREMENT/REPRODUCTION

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAWASAKI, Kojiro [JP/JP]; 1-46-1-607, Kisabenshi, Katano-shi, Osaka 576-0041 (JP). KONDO, Hiroyuki [JP/JP]; 67, Saiininui-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-0061 (JP). HORIE, Masahiro [JP/JP]; 4-4-8, Seta, Waki-cho, Kuga-gun, Yamaguchi 740-0062 (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 EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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

(11) WO 2004/045208 (13) A1

(21) PCT/JP2003/013987

(22) 31 Oct/oct 2003 (31.10.2003)

(25) ja (26) ja

(30) 2002-322107 6 Nov/nov 2002 JP (06.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTENT RECEPTION/REPRODUCTION DEVICE AND CONTENT RECEPTION/REPRODUCTION METHOD

- DISPOSITIF DE RECEPTION/REPRODUCTION DE CONTENU ET PROCEDE DE RECEPTION/REPRODUCTION DE CONTENU

(71) **NIHON COMPUTER CO., LTD.** [JP/JP]; 46-11, Kamoe 3-chome, Hamamatsu-shi, Shizuoka 432-8023 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAGATA, Masahiro** [JP/JP]; Nihon Computer Co., Ltd., 46-11, Kamoe 3-chome, Hamamatsu-shi, Shizuoka 432-8023 (JP). **YOSHIOKA, Suguru** [JP/JP]; Nihon Computer Co., Ltd., 46-11, Kamoe 3-chome, Hamamatsu-shi, Shizuoka 432-8023 (JP).

(74) **KOSHIKAWA, Takao**; 19F Hamamatsu Act Tower, 111-2, Itayamachi, Hamamatsu-shi, Shizuoka 430-8691 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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).

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(51)⁷ H04N 7/00

(11) **WO 2004/045209** (13) A1

(21) PCT/KR2003/002349

(22) **5 Nov/nov 2003 (05.11.2003)**

(25) en (26) en

(30) 10-2002-0070576 **14 Nov/nov 2002 (14.11.2002)** KR

(30) 10-2003-0025093 **21 Apr/avr 2003 (21.04.2003)** KR

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRONIC DOCUMENT VERSIONING METHOD AND UPDATED DOCUMENT SUPPLY METHOD USING VERSION NUMBER BASED ON XML

- PROCEDE DE CONSERVATION D'HISTORIQUE DE DOCUMENT ELECTRONIQUE ET PROCEDE D'APPORT D'UN DOCUMENT MIS A JOUR AU MOYEN D'UN NOMBRE DE VERSIONS BASEES SUR XML

(71) **LG ELECTRONICS, INC.** [KR/KR]; 20, Yoido-dong, Yongdungpo-gu, 150-875 Seoul (KR).

(72) **JEON, Hye-Jeong**; Kyungnam Apt.101-2001, Dogok1-dong, 967, Kangnam-gu, 135-271 Seoul (KR). **YOON, Kyoung-Ro**; Kyungnam Apt.101-2004, Dogok1-dong, 967, Kangnam-gu, 135-271 Seoul (KR). **KANG, Bae-Geun**; Geumkang Apt.1101-1601, Moogigaemae, Goomi-dong 213, Boondang-gu, 463-700 Sungnam-si, Gyeonggi-do (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/01

(11) **WO 2004/045210** (13) A1

(21) PCT/JP2003/014294

(22) **11 Nov/nov 2003 (11.11.2003)**

(25) ja (26) ja

(30) 2002-328048 **12 Nov/nov 2002 (12.11.2002)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • REPEAT FIELD DETECTION DEVICE
• DISPOSITIF DE DETECTION DE CHAMP DE REPETITION

(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) **KURODA, Keiichi** [JP/JP]; 2-7, Asakura, Ookubo-cho, Uji-shi, Kyoto 611-0033 (JP). **ITANI, Tetsuya** [JP/JP]; 2-8, Hikarigaoka 2-chome, Ikoma-shi, Nara 630-0141 (JP).

(74) **MATSUDA, Masamichi**; Shin-osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).

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(51)⁷ H04N 7/025

(11) **WO 2004/045211** (13) A1

(21) PCT/US2003/026648

(22) **25 Aug/août 2003 (25.08.2003)**

(25) en (26) en

(30) 60/425,611 **12 Nov/nov 2002 (12.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONVERSION OF ALERT MESSAGES FOR DISSEMINATION IN A PROGRAM DISTRIBUTION NETWORK

- CONVERSION DE MESSAGES D'ALERTE EN VUE DE LEUR DISSEMINATION DANS UN RESEAU DE DIFFUSION DE PROGRAMMES

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, Quai A. Le Gallo, F-F-92648 Boulogne (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PUGEL, Michael, Anthony** [US/US]; 20925 Creek Road, Noblesville, IN 46060 (US). **VIRAG, David, Emery** [US/US]; 7485 Cherry Hill Drive, Indianapolis, IN 46254 (US).

(74) **TRIPOLI, Joseph, S. et al.** / etc.; c/o Thomson Licensing Inc., 2 Independence Way, Suite 200, Princeton, NJ 08540 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM 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 (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/16

(11) **WO 2004/045212** (13) A2

(21) PCT/US2003/034717

(22) **31 Oct/oct 2003 (31.10.2003)**

(25) en (26) en

(30) 10/288,924 **6 Nov/nov 2002 (06.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • CUSTOM COMPOSITE IMAGE SYSTEM AND METHOD

- SYSTEME D'IMAGES COMPOSITES PERSONNALISE ET PROCEDE ASSOCIE

(63) US 10/288,924 (CON) 6 Nov/nov 2002 (06.11.2002)

(71) **VISTAPRINT TECHNOLOGIES LIMITED** [—/—]; Canon's Court, 22 Victoria Street, Hamilton, HM-12 (BM).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALKER, Kenneth, A., Jr.** [US/US]; 175 Beacon Street, #410, Somerville, MA 02143 (US). **MALONE, Daniel, R.** [US/US]; 14 Wentworth Drive, Beverly, MA 01915 (US). **SCHOWTKA, Alexander, K.** [DE/US]; 52 Montvale Road, Weston, MA 02493 (US).

(74) **DULANEY, Robert**; VistaPrint USA Inc., 100 Hayden Avenue, Lexington, MA 02421 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL 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).

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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ H04N 7/167

(11) WO 2004/045213 (13) A2

(21) PCT/US2003/036356

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 60/425,802 13 Nov/nov 2002 US
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • EFFICIENT DISTRIBUTION OF ENCRYPTED CONTENT FOR MULTIPLE CONTENT ACCESS SYSTEMS
- DISTRIBUTION EFFICACE DE CONTENU CRYPTÉ DESTINÉ À DES SYSTÈMES D'ACCÈS DE CONTENU MULTIPLES

(71) GENERAL INSTRUMENT CORPORATION [US/US]; 101 Tournament Drive, Horsham, PA 19044 (US).

(72) SPRUNK, Eric, J.; 7309 Cayenne Lane, Carlsbad, CA 92009 (US).

(74) SILVERIO, John et al. / etc.; GENERAL INSTRUMENT CORPORATION, 101 Tournament Drive, Horsham, PA 19044 (US).

(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/045214 (13) A1

(21) PCT/JP2003/014417

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-331410 14 Nov/nov 2002 JP
(14.11.2002)

(30) 2003-16364 24 Jan/jan 2003 JP
(24.01.2003)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • TRANSMISSION DATA STRUCTURE, AND METHOD AND DEVICE FOR TRANSMITTING THE SAME

- STRUCTURE DE DONNÉES DE TRANSMISSION, ET PROCÉDE ET DISPOSITIF POUR LA TRANSMISSION DE CES DONNÉES

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
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(72, 75) IDO, Daiji [JP/JP]; 1-14-13-104, Namiki, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0005 (JP). MATSUI, Yoshinori [JP/JP]; 341-1-604, Tsuji-machi, Ikoma-shi, Nara 630-0212 (JP). SUGIURA, Masataka [JP/JP]; 2-19-8-301, Todoroki, Setagaya-ku, Tokyo 158-0082 (JP).

(74) WASHIDA, Kimihito; 5th Floor, Shintoshicenter Bldg., 24-1, Tsurumaki 1-chome, Tama-shi, Tokyo 206-0034 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04N 7/18, G08B 13/196, 15/00

(11) WO 2004/045215 (13) A1

(21) PCT/US2003/035943

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/425,267 12 Nov/nov 2002 US
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • METHOD AND SYSTEM FOR TRACKING AND BEHAVIORAL MONITORING OF MULTIPLE OBJECTS MOVING THROUGH MULTIPLE FIELDS-OF-VIEW

- PROCÉDE ET SYSTÈME POUR LA LOCALISATION ET LA SURVEILLANCE DE COMPORTEMENT D'OBJETS

MULTIPLES SE DÉPLAÇANT À TRAVERS UNE PLURALITÉ DE CHAMP DE VISION

(71) INTELLIVID CORPORATION [US/US]; 10 Fawcett Street, Cambridge, MA 02138 (US).

(72) BUEHLER, Christopher; 21 Harris Street Apt. 2, Cambridge, MA 02140 (US). BROCK, Neil; 2 Candida Lane, Acton, MA 01720 (US). EDULBEHRAM, Jehanbux; 13 Bowdoin Street #5AB, Boston, MA 02114 (US). SOBALVARRO, Patrick; 7 Brookland Road, Woburn, MA 01801 (US).

(74) GORDON, Edward, A.; Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/24

(11) WO 2004/045216 (13) A1

(21) PCT/EP2003/010929

(22) 29 Sep/sep 2003 (29.09.2003)

(25) en (26) en

(30) 0226452.1 13 Nov/nov 2002 GB
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

- (54) • VIDEO STREAMING DEVICE AND METHOD OF CONTROL FOR SWITCHABLE VIDEO STREAMS

- DISPOSITIF DE VIDÉOTRANSMISSION EN CONTINU ET PROCÉDE DE COMMANDE DE FLUX DE DONNÉES VIDEO COMMUTABLES

(71) MOTOROLA INC [US/US]; 1303 E. Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) TEH, Jonathan, Soon, Yew [GB/GB]; Motorola Limited, Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB). MAY, Anthony, Richard [GB/GB]; Motorola Limited, Jays Close, Viables Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).

(74) MCCORMACK, Derek; Motorola European Intellectual Property Operations, Midpoint, Alcon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK

MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
NL PT SE SI SK TR); OA (BF BJ CF CG CI
CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04N 7/26, 7/24

(11) WO 2004/045217 (13) A1

(21) PCT/IB2003/004995

(22) 4 Nov/nov 2003 (04.11.2003)

(25) en (26) en

(30) 02292818.8 13 Nov/nov 2002 EP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TRANSMISSION SYSTEM WITH
COLOUR DEPTH SCALABILITY

• SYSTEME DE TRANSMISSION AVEC
MECANISME DE MISE A L'ECHELLE
DE LA PROFONDEUR DES COU-
LEURS

(71) KONINKLIJKE PHILIPS ELECTRON-
ICS N.V. [NL/NL]; Groenewoudseweg 1,
156-5621 BA Eindhoven (NL).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BAZZAZ, Paul [FR/FR]; 156 Boulevard
Haussmann, F-75008 Paris (FR). WEBER,
Jean-Pierre [FR/FR]; 156 Boulevard Hauss-
mann, F-75008 Paris (FR).

(74) DE LA FOUCHARDIERE, Marie-Noëlle;
Société Civile SPID, 156 Boulevard Hauss-
mann, 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 EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

Published / Publiée : (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 (BW GH GM KE
LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM
AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH
CY CZ DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR) OA (BF BJ CF CG
CI CM GA GN GQ GW ML MR NE SN TD TG)

(51)⁷ H04N 7/30, 7/50

(11) WO 2004/045218 (13) A1

(21) PCT/US2003/034659

(22) 31 Oct/oct 2003 (31.10.2003)

(25) en (26) en

(30) 60/424,738 8 Nov/nov 2002 US
(08.11.2002)

(30) 10/615,117 7 Jul/juil 2003 US
(07.07.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR
CONTROL OF RATE-DISTORTION
TRADEOFF BY USING LAGRANGE
MULTIPLIER AND VISUAL MASK

• PROCEDE ET APPAREIL DE COM-
MANDE DE COMPROMIS DEBIT-DIS-
TORSION FAISANT APPEL A UN
MULTIPLICATEUR DE LAGRANGE
ET A UN MASQUE VISUEL

(71) APPLE COMPUTER, INC. [US/US]; 1 In-
finite Loop, Cupertino, CA 95014 (US).

(72) HASKELL, Barin, G.; 1190 Fairbrook
Dr., Mountain View, CA 94040 (US). DU-
MITRAS, Adriana; W. El 250 Camino
Real, Apartment 2403, Sunnyvale, CA 94087
(US). PURI, A tul; 19500 Pruneridge Avenue
#4203, Cupertino, CA 95014 (US).

(74) JOHANSEN, Dag; Stattler Johansen &
Adeli LLP, P.O. Box. 51860, Palo Alto, CA
94303-0728 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).

(51)⁷ H04N 9/64

(11) WO 2004/045219 (13) A1

(21) PCT/JP2003/014377

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-328719 12 Nov/nov 2002 JP
(12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIGHT SOURCE ESTIMATING DE-
VICE, LIGHT SOURCE ESTIMATING
METHOD, AND IMAGING DEVICE
AND IMAGE PROCESSING METHOD

• DISPOSITIF D'ESTIMATION D'UNE
SOURCE LUMINEUSE, PROCEDE
D'ESTIMATION D'UNE SOURCE LU-
MINEUSE, DISPOSITIF D'IMAGE-
RIE ET PROCEDE DE TRAITEMENT
D'IMAGES

(71) SONY CORPORATION [JP/JP]; 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) ISHIGAMI, Koichiro [JP/JP]; c/o Sony
Corporation, 7-35, Kitashinagawa 6-chome,
Shinagawa-ku, Tokyo 141-0001 (JP). KATO,
Naoya [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, Shin-
juku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

(51)⁷ H04N 17/00, H04B 3/46, H04N 7/10,
H04L 12/56

(11) WO 2004/045220 (13) A1

(21) PCT/JP2003/013612

(22) 24 Oct/oct 2003 (24.10.2003)

(25) ja (26) ja

(30) 2002-326787 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CATV TRANSMISSION PATH MON-
ITORING DEVICE, METHOD, AND
PROGRAM

• DISPOSITIF, PROCEDE ET PRO-
GRAMME DE SURVEILLANCE DE
VOIES DE TRANSMISSION DE CATV

(71) OSS BROADNET K.K. [JP/JP]; 2-1, Sakato
3-chome, Takatsu-ku, Kawasaki-shi, Kana-
gawa 213-0012 (JP).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MIYAZOE, Eiji [JP/JP]; 1, Nissin-cho,
Kawasaki-ku, Kawasaki-shi, Kanagawa
210-0024 (JP). HAGIWARA, Katsunobu
[JP/JP]; #B101 Santebies, 3063-3 Nagat-
suda, Midori-ku, Yokohama-shi, Kanagawa
226-0027 (JP). NAKATAKE, Masafumi
[JP/JP]; #403 Grandpa-Younga, 41-9, Younga
2-chome, Setagaya-ku, Tokyo 158-0097 (JP).

(74) TAKEUCHI, Susumu; 8 Floor, Shimizu
Building, 25-47, Nishi-Shimbashi 3-chome,
Minato-ku, Tokyo 105-0003 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU 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 H04N 17/00, 5/44, G06F 17/60

(11) WO 2004/045221 (13) A1

(21) PCT/JP2003/014484

(22) 13 Nov/nov 2003 (13.11.2003)

(25) ja (26) ja

(30) 2002-330892 14 Nov/nov 2002 JP
(14.11.2002)

- (43) 27 May/mai 2004 (27.05.2004)
- (54) • VIEWING HISTORY RECORDING METHOD AND VIEWING HISTORY USE METHOD
- PROCEDE D'ENREGISTREMENT D'HISTORIQUE DE VISUALISATION ET PROCEDE D'UTILISATION D'HISTORIQUE DE VISUALISATION
- (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) MATSUURA, Satoshi [JP/JP]; 45-5, Tanabe-dojo, Kyotanabe-shi, Kyoto 610-0331 (JP). KUTSUMI, Hiroshi [JP/JP]; 1-4-31, Terakata-nishikidori, Moriguchi-shi, Osaka 570-0042 (JP). YOSHIDA, Atsushi [JP/JP]; Shofuryo, 3-14, Miyuki-higashimachi, Neyagawa-shi, Osaka 572-0055 (JP). ARAKI, Shoichi [JP/JP]; 3-15-22-503, Imafuku-higashi, Joto-ku, Osaka-shi, Osaka 536-0002 (JP).
- (74) MAEDA, Hiroshi et al. / etc.; Honmachi-nakajima Bldg., 4-8, Usubohonmachi 1-cho4-8, Usubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 2004/045222 (13) A2
- (21) PCT/DE2003/003729
- (22) 10 Nov/nov 2003 (10.11.2003)
- (25) de (26) de
- (30) 102 53 436.5 12 Nov/nov 2002 DE (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND DEVICE FOR PROVIDING A CONNECTING PATH TO A MOBILE RADIO NETWORK AND TELECOMMUNICATIONS TERMINAL SUITABLE THEREFOR
- PROCEDE ET DISPOSITIF DE MISE EN OEUVRE D'UNE VOIE DE CONNEXION VERS UN RESEAU DE TELEPHONIE MOBILE ET TERMINAL DE COMMUNICATION DESTINE A CET EFFET
- (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) BAUMKÖTTER, Manfred [DE/DE]; Wöste 20, 48346 Ostbevern (DE).
- (74) DEUTSCHE TELEKOM AG; Rechtsabteilung (Patente) PA10, Am Kavalleriesand 3, 64295 Darmstadt (DE).
- (81) JP US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR).
-
- (51)⁷ H04Q 3/60, 11/04
- (11) WO 2004/045223 (13) A1
- (21) PCT/US2003/028752
- (22) 12 Sep/sep 2003 (12.09.2003)
- (25) en (26) en
- (30) 60/424,277 6 Nov/nov 2002 US (06.11.2002)
- (30) 10/631,096 31 Jul/juil 2003 US (31.07.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • TELECOMMUNICATIONS INTERFACE
- INTERFACE DE TÉLÉCOMMUNICATIONS
- (71) INFRATEL COMMUNICATIONS, LLC [US/US]; P.O.Box 368, Abington, PA 19001 (US).
- (72) HENDERSON, Richard, E.; 418 Lakeview Drive, Ridley Park, PA 19078 (US). GUSTINE, Gary, L.; Route 1, P.O.Box 284A-7, Bonham, TX 75418 (US). ZIEGLER, Hans, J.; 4828 N. Newhall Street, Milwaukee, WI 53217 (US). ZOPPEL, Louis, V.; 3120 Lower Mountain Rd., Furlong, PA 18925 (US). SHEPPARD, G., Linton; 2256 Washington Lane, Huntingdon Valley, PA 19006 (US).
- (74) GOSTANIAN, JR., Raffi, J. et al. / etc.; Jackson Walker L.L.P., 2435 N. Central Expressway, Suite 600, Richardson, TX 75080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04Q 7/00
- (11) WO 2004/045224 (13) A1
- (21) PCT/IB2003/005085
- (22) 11 Nov/nov 2003 (11.11.2003)
- (25) en (26) en
- (30) 60/425,801 13 Nov/nov 2002 US (13.11.2002)
- (30) 10/600,156 19 Jun/juin 2003 US (19.06.2003)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR PERFORMING INTER-TECHNOLOGY HANDOFF FROM WLAN TO CELLULAR NETWORK
- PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER UN TRANSFERT INTER-TECHNOLOGIE D'UN WLAN A UN RESEAU CELLULAIRE
- (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 75069 (US). *(only for / seulement pour BB)*
- (72, 75) CHASKAR, Hemant [IN/US]; 11 Locust Street, Apt. 40-C1, Woburn, MA 01801 (US). KRISHNAMURTHI, Govind [IN/US]; 276 Massachusetts Ave., #105, Arlington, MA 02474 (US). TROSSEN, Dirk [DE/US]; 515 Putnam Avenue, Unit 5, Cambridge, MA 02139 (US).
- (74) SMITH, Harry, F.; Harrington & Smith, LLP, 4 Research Drive, Shelton, CT 06484-6212 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 7/00
- (11) WO 2004/045225 (13) A2
- (21) PCT/US2003/034143
- (22) 27 Oct/oct 2003 (27.10.2003)
- (25) en (26) en
- (30) 10/293,776 12 Nov/nov 2002 US (12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD AND APPARATUS FOR SUPPORTING USER MOBILITY IN A COMMUNICATION SYSTEM
- PROCEDE ET APPAREIL POUR LA PRISE EN CHARGE DE LA MOBILITE D'UTILISATEURS DANS UN SYSTEME DE TELECOMMUNICATION
- (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) LAUX, Carlos, V.; 592 Fallen Leaf Circle, San Ramon, CA 94583 (US). TOOR, Kamaldeep; 11658 Boulton Avenue, San Diego, CA 92128 (US). DE SIQUEIRA, Marcio, G.; 346 Vaughn Avenue, San Jose, CA 95128 (US). VALLURU, Sudhakar, S.; 5379 Canyon Hills Lane, San Jose, CA 95138 (US). HAYASHI, Steven; 535 Newville Drive, Los Gatos, CA 95032 (US).
- (74) SHOWALTER, Barton, E. et al. / etc.; Baker Botts L.L.P., 2001 Ross Ave., Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 désignations

(t) for all designations / pour toutes les désignations

(51)⁷ H04Q 7/00

(11) WO 2004/045226 (13) A2

(21) PCT/US2003/036231

(22) 12 Nov/nov 2003 (12.11.2003)

(25) en (26) en

(30) 60/426,154 13 Nov/nov 2002 US (13.11.2002)

(30) 60/476,311 6 Jun/juin 2003 US (06.06.2003)

(30) 10/700,860 3 Nov/nov 2003 US (03.11.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CONTINUOUSLY VARIABLE GAIN RADIO FREQUENCY DRIVER AMPLIFIER HAVING LINEAR IN DECIBEL GAIN CONTROL CHARACTERISTICS

• AMPLIFICATEUR DE COMMANDE RADIOFREQUENCE A GAIN VARIABLE EN CONTINU COMPORTANT DES CARACTERISTIQUES DE CONTROLE DE GAIN LINEAIRE EN DECIBELS

(71) QUALCOMM INCORPORATED [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) BARNETT, Kenneth; 553 Anchorage Avenue, Carlsbad, CA 92009 (US). WALKER, Brett C.; 12020 Blue Diamond Court, San Diego, CA 92131 (US). GARD, Kevin; 11693 Springside Road, San Diego, CA 92128 (US).

(74) WADSWORTH, Philip R. et al. / etc.; Qualcomm Incorporated, 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04Q 7/20

(11) WO 2004/045227 (13) A1

(21) PCT/CN2002/000800

(22) 11 Nov/nov 2002 (11.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND SYSTEM FOR PROVIDING A HARD HANDOFF IN COMMUNICATIONS IN A CDMA SYSTEM

• PROCEDE ET SYSTEME POUR REALISER UN TRANSFERT ENTRE CELLULES AVEC SOLUTION DE CONTINUITE DANS DES COMMUNICATIONS A L'INTERIEUR D'UN SYSTEME AMRC

(71) LINKAIR COMMUNICATIONS, INC. [US/US]; 2901 Tasman Drive, Suite 109, Santa Clara, CA 95054 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, William, C., Y. [CN/CN]; Room 908 Sinotrans Plaza B.#A43, North Xizhimen Rd., Beijing 100044 (CN).

(74) BEIJING SANYOU INTELLECTUAL PROPERTY AGENT LTD.; N0.40 North Sanhuanzhonglu Road, Beijing 100088 (CN).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/20, 7/00, H04B 1/00, 1/10

(11) WO 2004/045228 (13) A1

(21) PCT/US2002/036030

(22) 7 Nov/nov 2002 (07.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD AND APPARATUS FOR ADAPTIVE CARRIER ALLOCATION AND POWER CONTROL IN MULTI-CARRIER COMMUNICATION SYSTEMS

• PROCEDE ET APPAREIL ADAPTATIF D'ATTRIBUTION DE PORTEUSES ET DE GESTION DE LA PUISSANCE POUR SYSTEMES DE TELECOMMUNICATIONS A PORTEUSES MULTIPLES

(71) BROADSTORM TELECOMMUNICATIONS, INC. [US/US]; 400 112th Avenue NE, Suite 250, Bellevue, WA 98004 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEIYAPPAN, Palaniappan [IN/US]; 15217 NE 16th Place, Apt. #40, Bellevue, WA 98007 (US).

(74) MALLIE, Michael, J. et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ H04Q 7/20

(11) WO 2004/045229 (13) A1

(21) PCT/US2003/027271

(22) 29 Aug/août 2003 (29.08.2003)

(25) en (26) en

(30) 10/294,793 14 Nov/nov 2002 US (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • VOICE HUB PROCESSING

• TRAITEMENT AU MOYEN D'UN CONCENTRATEUR VOCAL

(71) NORTHROP GRUMMAN CORPORATION [US/US]; 1840 Century Park East, Los Angeles, CA 90067 (US).

(72) SIEGEL, Neil, G.; 38 Cinnamon Lane, Rancho Palos Verdes, CA 90275 (US).

(74) HARRIS, Christopher, P.; Tarolli, Sundheim, Covell & Tummino L.L.P., 526 Superior Avenue, Suite 1111, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H04Q 7/22, H04L 29/06

(11) WO 2004/045230 (13) A1

(21) PCT/FI2003/000859

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0226571.8 14 Nov/nov 2002 GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STREAMING OF MEDIA CONTENT IN A MULTIMEDIA MESSAGING SERVICE

• TRANSMISSION EN CONTINU DE CONTENU MULTIMEDIA DANS UN

SERVICE DE MESSAGERIE MULTIMEDIA

(71) **NOKIA CORPORATION** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) **MIRAJ, Mostafa** [BD/FI]; Lukonmäenkatu 3 B 18, FIN-33710 Tampere (FI).

(74) **LAMBERG, Samu**; c/o Nokia Corporation, P.O. Box 226, FIN-00045 Nokia Group (FI).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE 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 H04Q 7/22

(11) **WO 2004/045231** (13) A1

(21) PCT/GB2003/004859

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) 0226238.4 **11 Nov/nov 2002** GB (11.11.2002)

(30) 0226572.6 **14 Nov/nov 2002** GB (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • TELECOMMUNICATIONS SERVICES APPARATUS AND METHODS
• APPAREIL OFFRANT DES SERVICES DE TELECOMMUNICATIONS ET PROCEDES ASSOCIES

(71) **INTELLPROP LIMITED** [—/—]; P.O. Box 626, National Westminster House, Le Truchot St Peter Port, Guernsey (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILSON, Jeffrey** [GB/GB]; 53 Kiln Road, Fareham, Hampshire PO16 7OH (GB).

(74) **D YOUNG & CO**; 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DMDZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI 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 2004/045232** (13) A1

(21) PCT/IB2002/004733

(22) **13 Nov/nov 2002 (13.11.2002)**

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD, SYSTEM AND COMMUNICATION TERMINAL FOR UTILISING A MULTIMEDIA MESSAGING SERVICE FORMAT FOR APPLICATIONS

• METHODE, SYSTEME ET TERMINAL DE COMMUNICATION D'UTILISATION POUR DES APPLICATIONS UNIFORMES DE SERVICE DE MESSAGES MULTIMEDIA

(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) **KRAFT, Christian** [DK/DK]; Mandholmen 4, DK-2650 Hvidovre (DK). **MEULEN-GRACHT, Jesper** [DK/DK]; Herredsvej 64, DK-2920 Gentofte (DK).

(74) **AWAPATENT A/S**; Teghlholm Allé 13, DK-2450 Copenhagen SV (DK).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ (Utility model / modèle d'utilité) CZ DE (Utility model / modèle d'utilité) DE DK (Utility model / modèle d'utilité) DK DM DZ EC EE (Utility model / modèle d'utilité) EE ES FI (Utility model / modèle d'utilité) FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK (Utility model / modèle d'utilité) SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT SE SK TR) OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ H04Q 7/38

(11) **WO 2004/045233** (13) A1

(21) PCT/CN2003/000349

(22) **14 May/mai 2003 (14.05.2003)**

(25) zh (26) zh

(30) 02149290.5 **12 Nov/nov 2002** CN (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A METHOD FOR TRANSMITTING MULTIMEDIA MESSAGE BETWEEN DIFFERENT MULTIMEDIA MESSAGE CENTER

• PROCEDE DE TRANSMISSION DE MESSAGES MULTIMEDIA ENTRE DIFFERENTS CENTRES DE MESSAGERIE MULTIMEDIA

(71) **HUAWEI TECHNOLOGIES CO., LTD** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan, Shenzhen, Guangdong 518057 (CN).

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(72, 75) **TANG, Fei** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan, Shenzhen, Guangdong 518057 (CN). **LI, Xiaobin** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan, Shenzhen, Guangdong 518057 (CN). **LIU, Minghai** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan, Shenzhen, Guangdong 518057 (CN). **ZHANG, Bo** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan, Shenzhen, Guangdong 518057 (CN). **MENG, Yong** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan, Shenzhen, Guangdong 518057 (CN). **YANG, Weishu** [CN/CN]; Huawei Service Centre Building, Kefa Road, Science-Based Industrial Park, Nanshan, Shenzhen, Guangdong 518057 (CN).

(74) **DEQI INTELLECTUAL PROPERTY LAW CORPORATION**; 8 Fl., Golder Plaza, No. 10 Huayuan-donglu, Haidian, 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 SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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, 7/30

(11) **WO 2004/045234** (13) A1

(21) PCT/EP2003/012662

(22) **12 Nov/nov 2003 (12.11.2003)**

(25) en (26) en

(30) 0226453.9 **13 Nov/nov 2002** GB (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR CONTROLLING A HANDOVER

• PROCEDE DE COMMANDE D'UN TRANSFERT INTERCELLULAIRE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GESSNER, Christina** [DE/DE]; Hansastr. 110 A, 81373 Munich (DE). **PROCTOR, Toby, Kier** [GB/GB]; 43 Tasman Court, Southampton, Hampshire SO14 3TP (GB).

(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 NI NO NZ OM PG PH PL PT RO RU SC 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)

(51)⁷ **H04Q 7/38, G06F 13/00**

(11) **WO 2004/045235** (13) A1

(21) PCT/JP2003/014287

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) ja (26) ja

(30) 2002-330863 **14 Nov/nov 2002 (14.11.2002)** JP

(30) 2003-62582 **7 Mar/mar 2003 (07.03.2003)** JP

(43) 27 May/mai 2004 (27.05.2004)

(54) • INFORMATION DISTRIBUTION SYSTEM, INFORMATION ACQUISITION DEVICE, INFORMATION DISTRIBUTION SERVER, INFORMATION REPRODUCTION DEVICE, INFORMATION REPRODUCTION METHOD, INFORMATION DISTRIBUTION CONTROL METHOD, INFORMATION DISTRIBUTION CONTROL PROGRAM, AND COMPUTER-READABLE RECORDING MEDIUM

• SYSTEME DE DISTRIBUTION D'INFORMATIONS, DISPOSITIF D'ACQUISITION D'INFORMATIONS, SERVEUR DE DISTRIBUTION D'INFORMATIONS, DISPOSITIF DE REPRODUCTION D'INFORMATIONS, METHODE DE REPRODUCTION D'INFORMATIONS, METHODE DE GESTION DE LA DISTRIBUTION D'INFORMATIONS, PROGRAMME DE GESTION DE LA DISTRIBUTION D'INFORMATIONS, ET SUPPORT

(71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).

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(72, 75) **ANDO, Tanichi** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho,

Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **KUSANO, Yuji** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **OMBE, Takaaki** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **KANAYAMA, Kenji** [JP/JP]; 1-2-4-104, Hachijogaoka, Nagaokakyo-shi, Kyoto 617-0822 (JP).

(74) **HARA, Kenzo**; HARAKENZO PATENT LAW FIRM, Daiwa Minamimorimachi Building, 2-6, Tenjinbashi 2-chome Kita, Kita-ku, Osaka-shi, Osaka 530-0041 (JP).

(81) AE AG 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 **H04Q 7/38**

(11) **WO 2004/045236** (13) A1

(21) PCT/US2003/020392

(22) **28 Jun/juin 2003 (28.06.2003)**

(25) en (26) en

(30) 10/292,191 **11 Nov/nov 2002 (11.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • FAST REACQUISITION AFTER LONG SLEEP IN SLOTTED MODE OPERATION

• REACQUISITION RAPIDE APRES UN LONG SOMMEIL DANS UNE OPERATION EN MODE CRENELE

(71) **QUALCOMM, INCORPORATED** [US/US]; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(72) **NEUFELD, Arthur, J.**; 3644 Sunflower Circle, Longmont, CO 80503 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.; 5775 Morehouse Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG

CI CM GA GN GQ GW ML MR NE SN TD TG).

(51)⁷ **H04Q 7/38**

(11) **WO 2004/045237** (13) A2

(21) PCT/US2003/031701

(22) **7 Oct/oct 2003 (07.10.2003)**

(25) en (26) en

(30) 10/065,686 **8 Nov/nov 2002 (08.11.2002)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD, DEVICE AND SYSTEM FOR ESTABLISHING COMMUNICATIONS WITH MULTIPLE COMMUNICATION DEVICES

• PROCEDE, DISPOSITIF ET SYSTEME POUR L'ETABLISSEMENT DE COMMUNICATIONS AVEC PLUSIEURS DISPOSITIFS DE COMMUNICATION

(71) **SONY ERICSSON MOBILE COMMUNICATIONS AB** [SE/SE]; Nya Vattentornet, S-221 83 Lund (SE).

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(72, 75) **KENNEDY, Peter, J.** [US/US]; 358 La Strada Drive, #11, San Se, CA 95123 (US).

(74) **MOORE, Charles, L., Jr.**; Moore and Van Allen, PLLC, 2200 W. Main Street, Suite 800, Durham, NC 27705 (US).

(81) AE AG 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 **H04Q 7/38, H04B 17/00**

(11) **WO 2004/045238** (13) A1

(21) PCT/US2003/036084

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 60/424,753 **7 Nov/nov 2002 (07.11.2002)** US

(30) 10/388,668 **14 Mar/mar 2003 (14.03.2003)** US

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD, APPARATUS, AND SYSTEM FOR RECEIVING DATA ON A FIRST FREQUENCY BAND AND OBSERVING A SECOND FREQUENCY BAND

• PROCEDE, APPAREIL ET SYSTEME POUR RECEVOIR DES DONNEES SUR UNE PREMIERE BANDE DE FREQUENCES TOUT EN SURVEILLANT UNE SECONDE BANDE DE FREQUENCES

(71) **QUALCOMM, INCORPORATED**
[US/US]; 5775 Morehouse Drive, San Diego,
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(72) **WILBORN, Thomas, B.**; 10765 Escobar
Drive, San Diego, CA 92124 (US). **JOHN,
Johnny, K.**; 11081 Melton Court, San Diego,
CA 92131 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.;
5775 Morehouse Drive, San Diego, CA
92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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).

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(51)⁷ **H04Q 7/38, 7/32, H04B 7/005**

(11) **WO 2004/045239** (13) A2

(21) PCT/US2003/036085

(22) **7 Nov/nov 2003 (07.11.2003)**

(25) en (26) en

(30) 10/295,659 **14 Nov/nov 2002** US
(14.11.2002)

(30) 10/295,660 **14 Nov/nov 2002** US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • WIRELESS COMMUNICATION RATE
SHAPING

• FORMATION DE DEBIT DE COMMU-
NICATION SANS FIL

(71) **QUALCOMM INCORPORATED**
[US/US]; 5775 Morehouse Drive, San Diego,
CA 92121 (US).

(72) **ATTAR, Rashid, A.**; 8520 Costa Verde
Boulevard, #3112, San Diego, CA 92122
(US). **LOTT, Christopher, G.**; 3783 Balboa
Terrace, #C, San Diego, CA 92117 (US).

(74) **WADSWORTH, Philip, R.** et al. / etc.;
Qualcomm Incorporated, 5775 Morehouse
Drive, San Diego, CA 92121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 **H04Q 007/00**

(11) **WO 2004/045240** (13) A1

(21) PCT/US2003/027119

(22) **29 Aug/août 2003 (29.08.2003)**

(25) en (26) en

(30) 10/295,274 **14 Nov/nov 2002** US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SECURE NETWORK-ROUTED VOICE
MULTICAST DISSEMINATION

• MULTIDIFFUSION SECURISEE DE
MESSAGES VOCAUX ACHEMINES
PAR RESEAU

(71) **NORTHROP GRUMMAN CORPORA-
TION** [US/US]; 1840 Century Park East, Los
Angeles, CA 90067 (US).

(72) **SIEGEL, Neil, G.**; 38 Cinnamon Lane, Ran-
cho Palos Verdes, CA 90275 (US).

(74) **HARRIS, Christopher, P.**; Tarolli, Sund-
heim, Covell & Tummino L.L.P., 526 Su-
perior Avenue, Suite 1111, Cleveland, OH
44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 **H04Q 007/20**

(11) **WO 2004/045241** (13) A1

(21) PCT/US2003/027355

(22) **29 Aug/août 2003 (29.08.2003)**

(25) en (26) en

(30) 10/295,744 **14 Nov/nov 2002** US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • SECURE NETWORK-ROUTED VOICE
PROCESSING

• TRAITEMENT VOCAL SECURISE
ACHEMINE PAR RESEAU

(71) **NORTHROP GRUMMAN CORPORA-
TION** [US/US]; 1840 Century Park East, Los
Angeles, CA 90067 (US).

(72) **SIEGEL, Neil, G.**; 38 Cinnamon Lane, Ran-
cho Palos Verdes, CA 90275 (US).

(74) **HARRIS, Christopher, P.**; Tarolli, Sund-
heim, Covell & Tummino L.L.P., Suite 1111,
526 Superior Avenue, Cleveland, OH 44114
(US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP 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 **H04R**

(11) **WO 2004/045242** (13) A2

(21) PCT/IL2003/000963

(22) **13 Nov/nov 2003 (13.11.2003)**

(25) en (26) en

(30) 60/426,181 **14 Nov/nov 2002** US
(14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • STIMULATION FOR TREATING EAR
PATHOLOGIES

• STIMULATION POUR LE TRAI-
TEMENT DE PATHOLOGIES DE
L'OREILLE

(71) **BRAINS GATE LTD.** [IL/IL]; P.O. Box
2249, 43101 Ra'anana (IL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SHALEV, Alon** [IL/IL]; 9 Wingate
Street, 43587 Ra'anana (IL). **GROSS, Yossi**
[IL/IL]; 10 HaNotea Street, 73160 Moshav
Mazor (IL).

(74) **SANFORD T. COLB & CO.** et al. / etc.;
P.O. Box 2273, 76122 Rehovot (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP 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 **H04R 1/10 // H04M 1/05**

(11) **WO 2004/045243** (13) A1

(21) PCT/DK2003/000772

(22) **10 Nov/nov 2003 (10.11.2003)**

(25) en (26) en

(30) PA 2002 01731 **11 Nov/nov 2002** DK
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A HEADSET
• CASQUE D'ECOUTE

(71) **GN NETCOM A/S** [DK/DK]; Metalbuen
66, DK-2750 Ballerup (DK).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **PEDERSEN, Charles, L.** [DK/DK];
Grønnevej 124A, DK-2830 Virum (DK).

- BECH, Martin [DK/DK]; Ellehammervej 15, DK-3600 Frederikssund (DK). BØGESKOV-JENSEN, Tom [DK/DK]; Birkemosevej 22, DK-3550 Slangørup (DK). LANGHORN, Karsten [DK/DK]; Præstegårds Allé 37, DK-2700 Bronshøj (DK).
- (74) LARSEN & BIRKEHOLM A/S; Skandinavisk Patentbureau, Banegårdspaldsen 1, P.O. Box 362, DK-1570 Copenhagen V (DK).
- (81) AE AG AL AM AT (Utility model / modèle d'utilité) AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 (Utility model / modèle d'utilité) (BW); AP (BW); AP (Utility model / modèle d'utilité) (GH); AP (GH); AP (Utility model / modèle d'utilité) (GM); AP (GM); AP (Utility model / modèle d'utilité) (KE); AP (KE); AP (Utility model / modèle d'utilité) (LS); AP (LS); AP (Utility model / modèle d'utilité) (MW); AP (MW); AP (Utility model / modèle d'utilité) (MZ); AP (MZ); AP (Utility model / modèle d'utilité) (SD); AP (SD); AP (Utility model / modèle d'utilité) (SL); AP (SL); AP (Utility model / modèle d'utilité) (SZ); AP (SZ); AP (Utility model / modèle d'utilité) (TZ); AP (TZ); AP (Utility model / modèle d'utilité) (UG); AP (UG); AP (Utility model / modèle d'utilité) (ZM); AP (ZM); AP (Utility model / modèle d'utilité) (ZW); AP (ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H04R 25/00, 25/02, A61F 11/08
- (11) WO 2004/045245 (13) A1
- (21) PCT/CH2003/000642
- (22) 26 Sep/sep 2003 (26.09.2003)
- (25) de (26) de
- (30) 1907/02 13 Nov/nov 2002 CH (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • SET AND METHOD FOR PRODUCING A HEARING AID AND HEARING AID PRODUCED ACCORDING TO THIS METHOD
- ENSEMBLE ET PROCEDE POUR PRODUIRE UNE PROTHESE AUDITIVE ET PROTHESE AUDITIVE PRODUITE SELON LEDIT PROCEDE
- (71) BERNAFON AG [CH/CH]; Morgenstrasse 131, CH-3018 Bern (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) AESCHLIMANN, Marcel [CH/CH]; Haus zur Laube, CH-2514 Ligerz (CH). LANCI, Antonino [IT/CH]; Liebeggweg 4A, CH-3006 Bern (CH). FRÉLY, Jean-Claude [CH/CH]; Johann-Lisser 4, CH-2504 Bienne (CH). CLAVADETSCHER, Jürg [CH/CH]; Panoramaweg 31, CH-3042 Orschwaben (CH).
- (74) FREI PATENTANWALTSBÜRO; Postfach 768, CH-8029 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H04R 3/00
- (11) WO 2004/045244 (13) A1
- (21) PCT/SG2003/000215
- (22) 10 Sep/sep 2003 (10.09.2003)
- (25) en (26) en
- (30) us 10/238,867 11 Nov/nov 2002 SG (11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ADAPTATIVE NOISE CANCELING MICROPHONE SYSTEM
- SYSTÈME DE MICROPHONE SUPPRESSEUR DE BRUIT ADAPTATIF
- (71) NANYANG TECHNOLOGICAL UNIVERSITY [SG/SG]; Innovation and Technology Transfer Office, Blk 1, Unit 213, 16 Nanyang Drive, Singapore 637722 (SG).
- (72) YU, Zhu, Liang; Innovation and Technology Transfer Office, Blk 1, Unit 213, 16 Nanyang Drive, Singapore 637722 (SG). SER, Wee; Nanyang Technological University, Innovation and Technology Transfer Office Blk 1, Unit 213, 16 Nanyang Drive, Singapore 639798 (SG).
- (74) BOGSCH, Adam, Attila; Viering, Jentschura & Partner, 210 Middle Road,
- (25) zh (26) zh
- (30) 02249551.7 13 Nov/nov 2002 CN (13.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • ACTIVE SOUND BOX WITH ELECTRON TUBE AMPLIFIER
- BOITE A SONS ACTIVE AVEC AMPLIFICATEUR A TUBE ELECTRONIQUE
- (71, 72) ZENG, Dejun [CN/CN]; Room 720, No.2 Xinwen Building, No.2 Shennan Rd. Central, Shenzhen, Guangdong 518000 (CN).
- (74) SHENZHEN STANDARD PATENT & TRADEMARK AGENT LTD.; Rm. 807-808, Science & Tech. Bldg., No.1001 Shangbu Rd. Central, Shenzhen, Guangdong 518031 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H05B
- (11) WO 2004/045247 (13) A2
- (21) PCT/US2003/034915
- (22) 4 Nov/nov 2003 (04.11.2003)
- (25) en (26) en
- (30) 10/288,390 5 Nov/nov 2002 US (05.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • IMMERSION HEATER FOR SPARGE VESSEL
- THERMO-PLONGEUR POUR RECIPIENT D'ASPERSION
- (71) O.I. CORPORATION [US]; P. O. Box 9010, College Station, TX 77842-9010 (US).
- (72) RAWLS, Nathan, C.; 6650 River Oaks, College Station, TX 77845 (US).
- (74) RUTHERFORD, Keith, A. et al. / etc.; Wong, Cabello, Lutsch, Rutherford & Bruculeri, LLP, 20333 Tomball Parkway, Suite 600, Houston, TX 77070 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H04R 27/00
- (11) WO 2004/045246 (13) A1
- (21) PCT/CN2003/000927
- (22) 31 Oct/oct 2003 (31.10.2003)

(51)⁷ H05B

(11) WO 2004/045248 (13) A2

(21) PCT/US2003/036088

(22) 10 Nov/nov 2003 (10.11.2003)

(25) en (26) en

(30) 60/424,714 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • BARRIER COATINGS AND METHODS
IN DISCHARGE LAMPS• REVETEMENTS BARRIERES ET
PROCEDES ASSOCIES DANS DES
LAMPES A DECHARGE(71) ADVANCED LIGHTING TECHNOLO-
GIES, INC. [US/US]; 32000 Aurora Road,
Solon, OH 44139 (US).(72) VARANASI, C.V.; 301 W. Curtis Road., Apt.
6-204, Savoy, IL 61874 (US). BRUMLEVE,
Timothy, R.; 607 W. Illinois Street, Urbana,
IL 61801 (US). EMILSSON, Tryggvi; 1404
S. Grove Street, Urbana, IL 61801 (US).(74) ENGLISH, Joseph, D.; Duane Morris LLP,
1667 K Street, N.W., Suite 700, Washington,
DC 20006 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PG PH PL
PT 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 1/02

(11) WO 2004/045249 (13) A1

(21) PCT/US2003/035583

(22) 7 Nov/nov 2003 (07.11.2003)

(25) en (26) en

(30) 60/425,175 8 Nov/nov 2002 US
(08.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ELECTRONIC THERMOSTAT FOR
LIQUID HEATING APPARATUS• THERMOSTAT ELECTRONIQUE
POUR APPAREIL DE CHAUFFAGE
DE LIQUIDE(71) BUNN-O-MATIC CORPORATION
[US/US]; 1400 Stevenson Drive, Spring-
field, IL 62703 (US).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) KNEPLER, John, T. [US/US]; 2404
Hampshire Place, Springfield, IL 62707
(US).(74) PETERS, Grant, H. et al. / etc.; Barnes
& Thornburg, P.O. Box #2786, Chicago, IL
60690-2786 (US).(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE 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 NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG US UZ VC VN YU ZA
ZM ZW.(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).

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 EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP 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 EP (AT BE BG
CH CY CZ DE DK EE ES FI FR GB GR HU IE
IT LU MC NL PT RO SE SI SK TR)(t) for the following designations / pour les
désignations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE EG ES FI GB GD GE
GH GM HR HU ID IL IN IS JP 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 EP (AT BE BG
CH CY CZ DE DK EE ES FI FR GB GR HU IE
IT LU MC NL PT RO SE SI SK TR)(51)⁷ H05B 33/08, 39/04

(11) WO 2004/045250 (13) A1

(21) PCT/DE2003/003325

(22) 8 Oct/oct 2003 (08.10.2003)

(25) de (26) de

(30) 102 52 624.9 11 Nov/nov 2002 DE
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CIRCUIT ARRANGEMENT FOR
OPERATING AT LEAST ONE
LIGHT-EMITTING DIODE• CIRCUIT PERMETTANT DE FAIRE
FONCTIONNER AU MOINS UNE
DIODE ELECTROLUMINESCENTE(71) CONTI TEMIC MICROELECTRONIC
GMBH [DE/DE]; Sieboldstr. 19, 90411
Nürnberg (DE).(for all designated States except / pour tous
les États désignés sauf US)(72, 75) JOOS, Ulrich [DE/DE]; Con-
rad-Forster-Str. 66, 88149 Nonnenhorn
(DE).

(81) JP US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).(51)⁷ H05B 33/08, 33/14, G09G 3/30, 3/20

(11) WO 2004/045251 (13) A1

(21) PCT/JP2003/014277

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-329198 13 Nov/nov 2002 JP
(13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • LIGHT EMITTING DEVICE

• DISPOSITIF PHOTOEMETTEUR

(71) MATSUSHITA ELECTRIC INDUS-
TRIAL CO., LTD. [JP/JP]; 1006, Oaza
kadoma, Kadoma-shi, Osaka 571-8501 (JP).
(for all designated States except / pour tous
les États désignés sauf US)(72, 75) MASUMOTO, Ken-ichi [JP/JP];
11-33-304, Gotenyama-cho, Hirakata-shi,
Osaka 573-1182 (JP). NAKAMURA, Tet-
suroh [JP/JP]; 7-1-1320, Sumiregaoka
1-chome, Takaraduka-shi, Hyogo 665-0847
(JP).(74) FUKUI, Toyoaki; Room 860, Uchihon-
machi Matsuya Bldg.10th, 1-19, Uchihon-
machi 2-chome, Chuo-ku, Osaka-shi, Osaka
540-0026 (JP).

(81) CN JP US.

(51)⁷ H05B 33/10, 33/14, B41J 2/01

(11) WO 2004/045252 (13) A1

(21) PCT/JP2003/014085

(22) 5 Nov/nov 2003 (05.11.2003)

(25) ja (26) ja

(30) 2002-327373 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • PROCESS FOR FABRICATING LIGHT
EMITTING DEVICE• PROCEDE DE FABRICATION D'UN
DISPOSITIF ELECTROLUMINES-
CENT(71) SEMICONDUCTOR ENERGY LABO-
RATORY CO., LTD. [JP/JP]; 398, Hase,
Atsugi-shi, Kanagawa 243-0036 (JP).(72) YAMAZAKI, Shunpei; Semiconductor
Energy Laboratory Co., Ltd., 398, Hase,
Atsugi-shi, Kanagawa 243-0036 (JP). MU-
RAKAMI, Masakazu; Semiconductor
Energy Laboratory Co., Ltd., 398, Hase,
Atsugi-shi, Kanagawa 243-0036 (JP). NO-
MURA, Ryoji; Semiconductor Energy
Laboratory Co., Ltd., 398, Hase, Atsugi-shi,
Kanagawa 243-0036 (JP). SEO, Satoshi;
Semiconductor Energy Laboratory Co., Ltd.,
398, Hase, Atsugi-shi, Kanagawa 243-0036
(JP).(81) AE AG 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 (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 33/10, 33/14, 33/26

(11) WO 2004/045253 (13) A1

(21) PCT/JP2003/014276

(22) 10 Nov/nov 2003 (10.11.2003)

(25) ja (26) ja

(30) 2002-326367 11 Nov/nov 2002 JP
(11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • ORGANIC LIGHT EMITTING ELEMENT, PRODUCTION METHOD OF ORGANIC LIGHT EMITTING ELEMENT, IMAGE FORMING DEVICE, AND DISPLAY UNIT

• ELEMENT PHOTOEMETTEUR ORGANIQUE ET SON PROCÉDE DE PRODUCTION, DISPOSITIF DE FORMATION D'IMAGES, ET AFFICHEUR

(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) TOMITA, Tsuneharu [JP/JP]; 2-22-21, Shiginohigashi, Jyoutou-ku, Osaka-shi, Osaka 536-0013 (JP). NAKAMURA, Tet-suroh [JP/JP]; 7-1-1320, Sumiregaoka 1-chome, Takaraduka-shi, Hyogo 665-0847 (JP). MASUMOTO, Ken-ichi [JP/JP]; 11-33-304, Gotenyama-cho, Hirakata-shi, Osaka 573-1182 (JP). GYOTOKU, Akira [JP/JP]; 4-36-3, Keyakidai, Kiyamamachi, Miyaki-gun, Saga 841-0205 (JP). HAMANO, Takafumi [JP/JP]; 1-153-1-201, Goromaru, Nakagawamachi, Chikushi-gun, Fukuoka 811-1252 (JP). TOYOMURA, Yuji [JP/JP]; 3-28-9, Susenji, Nishi-ku, Fukuoka-shi, Fukuoka 819-0373 (JP).

(74) FUKUI, Toyoaki; Room 860, Uchihonmachi Matsuya Bldg. 10th, 1-19, Uchihonmachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0026 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H05B 33/10, 33/14, C09K 11/06

(11) WO 2004/045254 (13) A1

(21) PCT/JP2003/014388

(22) 12 Nov/nov 2003 (12.11.2003)

(25) ja (26) ja

(30) 2002-327927 12 Nov/nov 2002 JP (12.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • METHOD FOR MANUFACTURING ORGANIC ELECTROLUMINESCENT DISPLAY DEVICE

• PROCÉDE DE FABRICATION DE DISPOSITIF AFFICHEUR ELECTROLUMINESCENT ORGANIQUE

(71) OPTREX CORPORATION [JP/JP]; 7-18, Higashinippori 5-chome, Arakawa-ku, Tokyo 116-0014 (JP).

(72) TAKAHASHI, Akira; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). KATO, Naoki; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho,

Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP). KOBUNE, Shinji; c/o Asahi Glass Company, Limited, 1150, Hazawa-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-8755 (JP).

(74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Bldg., 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) CN.

(51)⁷ H05B 41/00

(11) WO 2004/045255 (13) A2

(21) PCT/IB2003/050015

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 02079686.8 11 Nov/nov 2002 EP (11.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CIRCUIT ARRANGEMENT

• DISPOSITIF DE CIRCUIT

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, Eindhoven, 5621 BA (NL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) VAN ZUNDERT, Roy, H., A., M. [NL/NL]; c/o Prof. Holstlaan 6, Eindhoven, 5656 AA (NL). OOSTERBAAN, Thijs [NL/NL]; c/o Prof. Holstlaan 6, Eindhoven, 5656 AA (NL). VAN CASTEREN, Dolf, H., J. [NL/NL]; c/o Prof. Holstlaan 6, Eindhoven, 5656 AA (NL).

(74) BOS, Kornelis, S.; Philips Intellectual Property & Standards, P.O. Box 220, NL-5600 AE 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC 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 H05B 41/282, 41/288, 41/04

(11) WO 2004/045256 (13) A1

(21) PCT/IB2003/005013

(22) 6 Nov/nov 2003 (06.11.2003)

(25) en (26) en

(30) 02079686.8 11 Nov/nov 2002 EP (11.11.2002)

(30) 03101203.2 1 May/mai 2003 EP (01.05.2003)

(43) 27 May/mai 2004 (27.05.2004)

(54) • CIRCUIT ARRANGEMENT FOR OPERATING A HIGH PRESSURE DISCHARGE LAMP

• DISPOSITIF DE CIRCUIT DESTINE A ACTIVER UNE LAMPE A DECHARGE HAUTE PRESSION

(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). VAN ZUNDERT, Roy, H., A., M. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) BOSMA, Rudolphus, H., A.; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT 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 41/392, 41/288

(11) WO 2004/045257 (13) A1

(21) PCT/IB2002/005157

(22) 12 Nov/nov 2002 (12.11.2002)

(25) en (26) en

(43) 27 May/mai 2004 (27.05.2004)

(54) • IMPROVED LAMP COLOUR CONTROL FOR DIMMED HIGH INTENSITY DISCHARGE LAMPS

• COMMANDE AMELIOREE DE SPECTRE DE COULEUR DE LAMPE POUR LAMPES A DECHARGE HAUTE INTENSITE EQUIPEES D'UN GRADATEUR

(71, 72) GREENWOOD, Simon, Richard [GB/GB]; Aston Cottage, Cinder Lane, Reaseheath, Nantwich, Cheshire SW5 6AJ (GB). SOAR, Stephen [GB/GB]; 19 Wroxham Close, Bury, Lancashire BL8 1EN (GB).

(74) FROST, Alex, John; Boulton Wade Tennant, Verulam Gardens, 70 Gray's Inn Road, London WC1X 8BT (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NO NZ OM PH PL PT RO
RU SC SD SE SG SI SK SL TJ TM TN TR
TT TZ UA UG UZ VC VN YU ZA ZM ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR IE IT LU MC NL
PT SE SK TR); OA (BF BJ CF CG CI CM
GA GN GQ GW ML MR NE SN TD TG).
-
- (51)⁷ H05K
- (11) WO 2004/045258 (13) A2
- (21) PCT/US2003/036031
- (22) 12 Nov/nov 2003 (12.11.2003)
- (25) en (26) en
- (30) 60/425,260 12 Nov/nov 2002 US
(12.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • UNITARY BASE AND INTEGRAL
HOUSING FOR CHEMICAL EQUIP-
MENT
- BASE UNITAIRE ET LOGEMENT
D'UNE SEULE PIECE POUR EQUIPE-
MENT CHIMIQUE
- (71, 72) LOMAX, Franklin, D., Jr. [US/US];
H2GEN Innovations, Inc., 4740 Eisenhower
Avenue, Alexandria, VA 22304 (US). LIM,
Kim Hong [US/US]; H2GEN Innovations,
Inc., 4740 Eisenhower Avenue, Alexan-
dria, VA 22304 (US). WAIDE, Stephen,
W. [US/US]; H2GEN Innovations, Inc.,
4740 Eisenhower Avenue, Alexandria, VA
22304 (US). DAVIS, Chris, A. [US/US];
H2GEN Innovations, Inc., 4740 Eisenhower
Avenue, Alexandria, VA 22304 (US). GRE-
MONPREZ, Dan, E. [US/US]; H2GEN
Innovations, Inc., 4740 Eisenhower Avenue,
Alexandria, VA 22304 (US).
- (74) MASON, Derek, J. et al. / etc.; Oblon,
Spivak, McClelland, Maier & Neustadt, P.C.,
1940 Duke Street, Alexandria, VA 22314
(US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BW BY BZ CA CH CN CO CR CU CZ DE
DK DM DZ EC EE EG ES FI GB GD GE GH
GM HR HU ID IL IN IS JP KE KG KP KR
KZ LC LK LR LS LT LU LV MA MD MG
MK MN MW MX MZ NI NO NZ OM PG
PH PL PT RO RU SC SD SE SG SK SL SY
TJ TM TN TR TT TZ UA UG US UZ VC VN
YU ZA ZM ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT 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 1/11
- (11) WO 2004/045259 (13) A1
- (21) PCT/US2003/035152
- (22) 3 Nov/nov 2003 (03.11.2003)
- (25) en (26) en
- (30) 10/295,096 14 Nov/nov 2002 US
(14.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)

- (54) • METALIZATION LAYER ON SILI-
CONE BODY
- COUCHE DE METALLISATION SUR
UNE CORPS EN SILICIUM
- (71) THE REGENTS OF THE UNIVERSITY
OF CALIFORNIA [US/US]; 1111 Franklin
Street, Oakland, CA 94607-5200 (US).
- (72) MAGHRIBI, Mariam; 1889 Mill Springs
Com., Livermore, CA 94550 (US). KRULE-
VITCH, Peter, A.; 1122 Division Street,
Pleasanton, CA 94566 (US). HAMILTON,
Julie, K.; 440 Wagtail Drive, Tracy, CA
95376 (US).
- (74) SCOTT, Eddie, E.; P.O. Box 808, L-703,
Livermore, CA 94551 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EC EE EG ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NI NO NZ OM PG PH PL PT
RO RU SC SD SE SG SK SL SY TJ TM TN
TR TT TZ UA UG UZ VC VN YU ZA ZM
ZW.
- (84) AP (BW GH GM KE LS MW MZ SD SL SZ
TZ UG ZM ZW); EA (AM AZ BY KG KZ
MD RU TJ TM); EP (AT BE BG CH CY CZ
DE DK EE ES FI FR GB GR HU IE IT LU
MC NL PT RO SE SI SK TR); OA (BF BJ CF
CG CI CM GA GN GQ GW ML MR NE SN
TD TG).
-
- Published / Publiée : (c)
- (51)⁷ H05K 1/18, 3/46
- (11) WO 2004/045260 (13) A1
- (21) PCT/EP2003/012009
- (22) 29 Oct/oct 2003 (29.10.2003)
- (25) de (26) de
- (30) 102 52 308.8 11 Nov/nov 2002 DE
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR PRODUCING A
SEMI-FINISHED PRINTED CIRCUIT
BOARD, A SEMI-FINISHED PRINTED
CIRCUIT BOARD PRODUCED BY
A METHOD OF THIS TYPE AND A
MULTI-LAYER PRINTED CIRCUIT
BOARD CONFIGURED FROM THE
SAME
- PROCEDE DE PRODUCTION D'UNE
CARTE DE CIRCUITS IMPRIMES
SEMI-FINIE, CARTE DE CIRCUITS
IMPRIMES SEMI-FINIE PRODUITE
PAR UN TEL PROCEDE ET CARTE DE
CIRCUITS IMPRIMES MULTICOUCHE
FORMEE A PARTIR DE CELLE-CI
- (71) SCHWEIZER ELECTRONIC AG
[DE/DE]; Einsteinstr. 10, 78713 Schram-
berg (DE).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) FLEINER, Bernfried [DE/DE];
Fliederweg 5, 78713 Schramberg (DE).
GOTTWALD, Thomas [DE/DE];
Hochwiesenstrasse 27, 78655 Dunning-
gen-Seedorf (DE).
- (74) KUHNEN & WACKER; Prinz-Lud-
wig-Strasse 40A, 85354 Freising (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK

- DM DZ EC EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ
LC LK LR LS LT LU LV MA MD MG MK
MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR
TT TZ UA UG US UZ VC VN YU ZA ZM
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZM ZW); EA (AM AZ BY KG KZ MD
RU TJ TM); EP (AT BE BG CH CY CZ DE
DK EE ES FI FR GB GR HU IE IT LU MC
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 H05K 3/28
- (11) WO 2004/045261 (13) A1
- (21) PCT/IT2003/000709
- (22) 31 Oct/oct 2003 (31.10.2003)
- (25) en (26) en
- (30) UD2002A000238 11 Nov/nov 2002 IT
(11.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • METHOD FOR CONTROLLED
INK-JET SPREADING OF POLYMERS
FOR THE INSULATION AND/OR PRO-
TECTION OF PRINTED CIRCUITS
- PROCEDE PERMETTANT L'APPLICA-
TION DIRIGEE DE POLYMERES PAR
UN SYSTEME A JET D'ENCRE POUR
L'ISOLATION ET/OU LA PROTEC-
TION DES CIRCUITS IMPRIMES
- (71) NEW SYSTEM SRL [IT/IT]; Via III Ar-
mata, 131, I-34170 Gorizia (IT).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) FUMO, Cesare [IT/IT]; Via III Armata,
131, I-34170 Gorizia (IT). VODOPIVEC,
Jozef [IT/IT]; Via III Armata, 131, I-34170
Gorizia (IT).
- (74) D'AGOSTINI, Giovanni; D'Agostini Orga-
nizzazione Srl, Via G. Giusti, 17, I-33100
Udine (IT).
- (81) CA CN IN JP KR RU US.
- (84) EP (AT BE BG CH CY CZ DE DK EE ES FI
FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR).
-
- Published / Publiée : (c)
-
- (51)⁷ H05K 3/44, H01L 21/48
- (11) WO 2004/045262 (13) A1
- (21) PCT/US2003/035501
- (22) 7 Nov/nov 2003 (07.11.2003)
- (25) en (26) en
- (30) 10/291,876 8 Nov/nov 2002 US
(08.11.2002)
- (43) 27 May/mai 2004 (27.05.2004)
- (54) • MULTI-LAYER CIRCUIT ASSEMBLY
AND PROCESS FOR PREPARING THE
SAME
- ENSEMBLE CIRCUIT MULTICOUCHE
ET PROCEDE DE FABRICATION
- (71) PPG INDUSTRIES OHIO, INC. [US/US];
3800 West 143rd Street, Cleveland, OH
44111 (US).

(72) **OLSON, Kevin, C.**; 213 Briar Hill Court, Wexford, PA 15090 (US). **WANG, Alan, E.**; 1032 Old Orchard Drive, Gibsonia, PA 15044 (US).

(74) **ALTMAN, Deborah, M.** et al. / etc.; One PPG Place, Pittsburgh, PA 15272 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW.

(84) AP (BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR); OA (BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ H05K 7/00

(11) WO 2004/045263 (13) A2

(21) PCT/US2003/035318

(22) 5 Nov/nov 2003 (05.11.2003)

(25) en (26) en

(30) 10/289,570 7 Nov/nov 2002 US (07.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • NETWORK CONNECTION SENSING MODULE

• MODULE DE DETECTION DE CONNEXION DE RESEAU

(71) **TYCO ELECTRONICS CORPORATION** [US/US]; 2901 Fulling Mill Road, Middletown, PA 17057 (US).

(72) **MARTIN, Ralph, Sykes**; 714 Crossingham Road, Mount Airy, NC 27030 (US). **PEPE, Paul, John**; 1812 Kilrush Road, Clemmons, NC 27012 (US). **EBERLE, James, Joseph, Jr.**; 1577 Woodhaven Drive, Hummelstown, PA 17036 (US). **HALL, Kenneth, Cameron**; 4024 LaFrance Road, Lafayette Hill, PA 19444 (US).

(74) **ARONOFF, Michael, J.** et al. / etc.; Tyco Technology Resources, 4550 New Linden Hill Road, Suite 140, Wilmington, DE 19808 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT 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 H05K 7/20

(11) WO 2004/045264 (13) A1

(21) PCT/SE2003/001759

(22) 13 Nov/nov 2003 (13.11.2003)

(25) en (26) en

(30) 0203370-2 14 Nov/nov 2002 SE (14.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • A HOUSING FOR ELECTRONIC CIRCUITS AND COMPONENTS

• BOITIER POUR CIRCUITS ET COMPOSANTS ELECTRONIQUES

(71) **PACKETFRONT SWEDEN AB** [SE/SE]; Instrumentvägen 45, S-126 53 Hägersten (SE).
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(72, 75) **ELO, Anders** [SE/SE]; Folkparksvägen 26, S-152 70 Södertälje (SE). **ERIKSSON, Jörgen** [SE/SE]; S:t Göransgatan 64, 5tr., S-112 33 Stockholm (SE). **SONESSON, Niclas** [SE/SE]; c/o F. Stenberg, Kristinebergsvägen 46, S-112 44 Stockholm (SE).

(74) **ZACCO SWEDEN AB** et al. / etc.; P.O. Box 23101, Sveavägen 170, S-104 35 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP 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 H05K 9/00, H01F 1/00, H01P 3/08

(11) WO 2004/045265 (13) A1

(21) PCT/JP2002/011737

(22) 11 Nov/nov 2002 (11.11.2002)

(25) ja (26) ja

(43) 27 May/mai 2004 (27.05.2004)

(54) • COUNTER EMI COMPONENT AND COUNTER EMI METHOD

• COMPOSANT CONTRE LES PARASITES ELECTROMAGNETIQUES ET PROCEDE CONTRE LES PARASITES ELECTROMAGNETIQUES

(71) **NEC TOKIN CORPORATION** [JP/JP]; 7-1, Koriyama 6-chome, Taihaku-ku, Sendai-shi, Miyagi 982-8510 (JP).
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(72, 75) **YOSHIDA, Shigeyoshi** [JP/JP]; c/o NEC TOKIN CORPORATION, 7-1, Koriyama 6-chome, Taihaku-ku, Sendai-shi,

Miyagi 982-8510 (JP). **ONO, Hiroshi** [JP/JP]; c/o NEC TOKIN CORPORATION, 7-1, Koriyama 6-chome, Taihaku-ku, Sendai-shi, Miyagi 982-8510 (JP). **SATO, Mitsuharu** [JP/JP]; c/o NEC TOKIN CORPORATION, 7-1, Koriyama 6-chome, Taihaku-ku, Sendai-shi, Miyagi 982-8510 (JP).

(74) **GOTO, Yosuke** et al. / etc.; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR).

(51)⁷ H05K 13/00

(11) WO 2004/045266 (13) A1

(21) PCT/IB2003/004752

(22) 27 Oct/oct 2003 (27.10.2003)

(25) en (26) en

(30) 02079757.7 13 Nov/nov 2002 EP (13.11.2002)

(43) 27 May/mai 2004 (27.05.2004)

(54) • COMPONENT PLACEMENT MACHINE AS WELL AS A METHOD FOR TRANSPORTING PRINTED CIRCUIT BOARDS

• MACHINE POUR METTRE EN PLACE DES COMPOSANTS ET PROCEDE POUR TRANSPORTER DES CARTES DE CIRCUITS IMPRIMES

(71) **ASSEMBLEON N.V.** [NL/NL]; Building HVS, De Run 1110, NL-5503 LA Veldhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN HALDER, Lambertus, C., J.** [NL/NL]; c/o Looyenbeemd 14, NL-5652 BH Eindhoven (NL). **VAN DER HORST, Adrianus, J., J.** [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DEURSEN, Johannes, A., M.** [NL/NL]; c/o Looyenbeemd 14, NL-5652 BH Eindhoven (NL). **PEIJSTER, Jerry, J., M.** [NL/NL]; c/o Looyenbeemd 14, NL-5652 BH Eindhoven (NL). **BROEKHUIZEN, Hendrik** [NL/NL]; c/o Looyenbeemd 14, NL-5652 BH Eindhoven (NL). **BAARTMAN, Jan, P.** [NL/NL]; c/o Looyenbeemd 14, NL-5652 BH Eindhoven (NL).

(74) **BOS, Kornelis, S.**; Philips Intellectual Property & Standards, 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 NI NO NZ OM PG PH PL PT RO RU SC 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).