

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (51) **Not classified / non classée**
(11) **WO 01/72102** (13) A2
(21) PCT/EP01/02995
(22) **19 Mar/mar 2001 (19.03.2001)**
(25) en (26) en
(30) 09/537,828 **29 Mar/mar 2000** US
(29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • USER INTERFACE PROVIDING AUTOMATIC ORGANIZATION AND FILTERING OF SEARCH CRITERIA
• INTERFACE UTILISATEUR FOURNISANT AUTOMATIQUEMENT L'ORGANISATION ET LE FILTRAGE DE CRITERES DE RECHERCHE
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) **KURAPATI, Kaushal**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NIKOLOVSKA, Lira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MARTINO, Jacquelyn, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CAMPLIN, Alison, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) CN JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51) **Not classified / non classée**
(11) **WO 01/72103** (13) A1
(21) PCT/ES01/00120
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) es (26) es
(30) P 200000819 **31 Mar/mar 2000** ES
(31.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • THERMAL INK RIBBON TRACTION DEVICE
• DISPOSITIF DE TRACTION DE BANDE D'ENCRE THERMIQUE
(71) **BETAPRINT, S.L.** [ES/ES]; Pedro Ponce de León, 4, Polígono Industrial, E-08960 Sant Just Desvern (Barcelona) (ES).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CINCA TELJEIRO, Erika** [ES/ES]; Pedro Ponce de León, 4, Polígono Industrial, E-08960 Sant Just Desvern (Barcelona) (ES).
(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 35, E-28014 Madrid (ES).
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- (81) US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
Published / Publiée : (c)
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- (51) **Not classified / non classée**
(11) **WO 01/72104** (13) A1
(21) PCT/ES01/00128
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) es (26) es
(30) P200000813 **31 Mar/mar 2000** ES
(31.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR THE PRODUCTION OF SILICON CARBIDE (SiC) LAYERS BY MEANS OF IONIC IMPLANTATION OF CARBON AND ANNEALS
• PROCEDE DE FABRICATION DE COUCHES DE CARBURE DE SILICIUM (SiC) PAR IMPLANTATION IONIQUE DE CARBONE ET RECUITS
(71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS** [ES/ES]; c/Serrano, 117, E-28006 Madrid (ES). **UNIVERSIDAD DE BARCELONA** [ES/ES]; Gran Vía de las Cortes Catalanas, 585, E-08007 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PÉREZ RODRÍGUEZ, Alejandro** [ES/ES]; Universidad de Barcelona, Gran Vía de las Cortes Catalanas, 585, E-08007 Barcelona (ES). **SERRE, Christophe** [FR/ES]; Universidad De Barcelona, Gran Vía De Las Cortes Catalanas, 585, E-08007 Barcelona (ES). **ROMANO RODRÍGUEZ, Alberto** [ES/ES]; Universidad De Barcelona, Gran Vía De Las Cortes Catalanas, 585, E-08007 Barcelona (ES). **MORANTE LEONART, Juan Ramón** [ES/ES]; Universidad De Barcelona, Gran Vía De Las Cortes Catalanas, 585, E-08007 Barcelona (ES). **ESTEVE TINTÓ, Jaume** [ES/ES]; Centro Nacional De Microelectrónica, Consejo Superior De Investigaciones Científicas, Campus de la Univ. Autónoma de Barcelona, E-08193 Bellaterra (Barcelona) (ES). **ACERO LEAL, María, Cruz** [ES/ES]; CENTRO NACIONAL DE MICROELECTRÓNICA, CONSEJO SUPERIOR DE INVESTIGACIONES CIENTÍFICAS, Campus de la Univ. Autónoma de Barcelona, 08193 BELLATERRA (BARCELONA) (ES).
(74) **OJEDA GARCÍA, Pedro**; Consejo Superior de Investigaciones Científicas, C/Serrano, 113, E-28006 Madrid (ES).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
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- 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 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 GW ML MR NE SN TD TG).
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- (51) **Not classified / non classée**
(11) **WO 01/72105** (13) A2
(21) PCT/US01/40378
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/192,043 **24 Mar/mar 2000** US
(24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • SYSTEM FOR FACILITATING DIGITAL ADVERTISING
• SYSTEME DESTINE A SIMPLIFIER LA PUBLICITE NUMERIQUE
(71) **WEBPAVEMENT, LLC** [US/US]; 1248 Dunwoody Knoll Drive, Atlanta, GA 30338 (US).
(72) **UNOLD, Eric**; 1248 Dunwoody Knoll Drive, Atlanta, GA 30338 (US). **UNOLD, Brian**; 200 Vidaulan Court, Alpharetta, GA 30022 (US).
(74) **COURSEY, Rob, Stevan**; Troutman Sanders LLP, Bank of America Plaza, 600 Peachtree Street, NE, Suite 5200, Atlanta, GA 30328 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51) **Not classified / non classée**
(11) **WO 01/72106** (13) A2
(21) PCT/US01/09530
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en

- (30) 09/536,663 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DETERMINING INTRA-DAY NET ASSET VALUE PROXY OF AN ACTIVELY MANAGED EXCHANGE TRADED FUND
● DETERMINATION D'UNE APPROXIMATION DE LA VALEUR D'ACTIF INTRAJOURNALIERE NETTE POUR UN FONDS COTE EN BOURSE ET GERE DE FAÇON DYNAMIQUE
- (63) US 09/536,663 (CON)
27 Mar/mar 2000 (27.03.2000)
- (71) **THE AMERICAN STOCK EXCHANGE, LLC** [US/US]; 86 Trinity Place, New York, NY 10006-1872 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GASTINEAU, Gary, L.** [US/US]; 26 Knollwood Road, Short Hills, NJ 07078 (US).
WEBER, Clifford, J. [US/US]; 6 Chadwick Court, Denville, NJ 07834 (US).
- (74) **MALONEY, Denis, G.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (h)
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- (51) Not classified / non classée
- (11) **WO 01/72107** (13) A2
- (21) PCT/US01/09570
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,034 **24 Mar/mar 2000** US
(24.03.2000)
- (30) 60/192,061 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● RFID TAG FOR AUTHENTICATION AND IDENTIFICATION
● ETIQUETTE D'IDENTIFICATION HYPERFREQUENCE (RFID) POUR AUTHENTICATION ET IDENTIFICATION
- (71) **INTERNATIONAL PAPER** [US/US]; 1422 Long Meadow Road, Tuxedo, NY 10987 (US).
- (72) **KIRKHAM, Richard**; 5426 Wolfpen-Pleasant Hill Road, Milford, OH 45150 (US).
RICHARD, F., Rudolph; 702 Glencrest Lane, Loveland, OH 45140 (US).
- (74) **COX, Donald, J., Jr.**; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (h)
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- (51) Not classified / non classée
- (11) **WO 01/72108** (13) A2
- (21) PCT/US01/09721
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 09/536,824 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A SYSTEM AND METHOD FOR DISCOUNT DISTRIBUTION
● SYSTEME ET PROCEDE DE DISTRIBUTION DE RABAIS
- (71) **HEWLETT-PACKARD COMPANY** [US/US]; 3000 Hanover Street, M/S 20BN, Palo Alto, CA 94304-1112 (US).
- (72) **BARMETTLER, James, W.**; 3676 Wisteria Place, Corvallis, OR 97330 (US).
- (74) **MYERS, Timothy, F.**; Hewlett-Packard Company, 3404 E. Harmony Road, M/S 35, Fort Collins, CO 80528-9599 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (h)
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- (51) Not classified / non classée
- (11) **WO 01/72109** (13) A2
- (21) PCT/US01/09852
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,692 **28 Mar/mar 2000** US
(28.03.2000)
- (30) 60/195,748 **6 Apr/avr 2000** US
(06.04.2000)
- (30) 60/232,103 **12 Sep/sep 2000** US
(12.09.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● APPARATUS, SYSTEMS AND METHODS FOR ONLINE, MULTI-PARCEL, MULTI-CARRIER, MULTI-SERVICE PARCEL RETURNS SHIPPING MANAGEMENT
- DISPOSITIF, SYSTEMES ET PROCEDES DESTINES A LA GESTION EN LIGNE MULTI-COLIS, MULTI-TRANSPORTEUR ET MULTI-SERVICE POUR L'EXPEDITION DE MARCHANDISES EN RETOUR
- (71) **STAMPS.COM INC.** [US/US]; Suite 1040, 3420 Ocean Park Blvd., Santa Monica, CA 90405-3035 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WILLIAMS, Daniel, F.** [US/US]; 4224 95th Avenue NE, Yarrow Point, WA 98004 (US).
BENNETT, David, Allison [US/US]; 20710 14th Drive SE, Bothell, WA 98012 (US).
GOLDBABER, Lynn, Shaindell [US/US]; 12618 Robinhood Lane, Snohomish, WA 98290 (US).
GLAVIN, Dennis [US/US]; 1001 Taylor Avenue N, Seattle, WA 98109 (US).
KRETT, Lory, Elizabeth [US/US]; 12020 101st Avenue NE #F1, Kirkland, WA 98034 (US).
MENTZER, Charles, D. [US/US]; 4307-210th Place NE, Redmond, WA 98053 (US).
TEGLOVIC, Stephen, M. [US/US]; 559-237th Avenue SE, Redmond, WA 98053 (US).
DIETZ, John, M. [US/US]; 8703 NE 144th Court, Bothell, WA 98011 (US).
SMITH, William, W., III [US/US]; 8636 NE 7th Street, Medina, WA 98039 (US).
BILIBIN, Paul [US/US]; 1716 - 216th Street SW, Lynnwood, WA 98036 (US).
LIU, Jinyue [US/US]; 23029 NE 18th Street, Redmond, WA 98053 (US).
MCLAUGHLIN, Paul, R. [US/US]; 11139 - 156th Place NE, Redmond, WA 98053 (US).
MEYER, Scott [US/US]; 18010 - 230th Avenue NE, Woodinville, WA 98072 (US).
HU, Sean [—/US]; 3535 Factoria Blvd. SE, Bellevue, WA 98006 (US).
ANTUSH, Richard, M. [US/US]; 31101 SE 85th Place, Preston, WA 98050 (US).
BEAN, Scott, Joseph [US/US]; 4232 Second Avenue NW, Seattle, WA 98107 (US).
- (74) **KHORSANDI, Marilyn, R.**; Khorsandi Patent Law Group, ALC, Suite 312, 140 S. Lake, Pasadena, CA 91101 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (h)
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- (51) Not classified / non classée
- (11) **WO 01/72110** (13) A2
- (21) PCT/US01/09858
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,411 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR MANAGING A PLURALITY OF MOBILE NODES IN A NETWORK

• PROCEDE ET APPAREIL PERMETTANT DE GERER UNE PLURALITE DE NOEUDS MOBILES DANS UN RESEAU

(71) **NORTEL NETWORKS LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H12Y 3Y4 (CA).

(72, 75) **KHALIL, Mohamed** [US/US]; 9221 Amberton #180, Dallas, TX 75243 (US). **AKHTAR, Haseeb** [US/US]; 3102 Pamela Place, Garland, TX 75044 (US). **QADDOURA, Emad** [US/US]; 1320 Waterredge Drive, Plano, TX 75093 (US). **NARAYANAN, Raja** [IN/US]; 1100 Meredith Lane #728, Plano, TX 75093 (US).

(74) **CARR, Gregory, W.** et al. / etc.; Carr & Storm, L.L.P., 900 Jackson Street, 670 Founders Square, Dallas, TX 75202 (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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51) Not classified / non classée

(11) **WO 01/72111** (13) A2

(21) PCT/US01/09992

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,533 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UNIVERSAL METHOD AND SYSTEM FOR CONDUCTING EXCHANGES OVER A NETWORK

• PROCEDE ET SYSTEME UNIVERSELS PERMETTANT D'EFFECTUER DES ECHANGES SUR UN RESEAU

(63) US 60/192,533 (CIP) 28 Mar/mar 2000 (28.03.2000)

(71) **THEMOMENT, INC.** [US/US]; 98 East Fourth Avenue, San Mateo, CA 94401 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOSHAL, David, Clive** [ZA/US]; 1855 Pacific Avenue #205, San Francisco, CA 94109 (US). **GOKHALE, Makarand, R.** [—/US]; 1311 Elsona Drive, Sunnyvale, CA 94087 (US). **LENZ, Michael, Ames** [—/US]; 1179 Judson Drive, Mountain View, CA 94040 (US). **MOUNT, John, A.** [—/US]; 552 Melrose, San Francisco, CA 94127 (US). **ELDRIDGE, Lonnie, Jackson** [US/US]; 1300 Palos Verdes Drive #9, San Mateo, CA 94403 (US).

(74) **MAHAMED, Van;** Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).

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

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

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

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(51)⁷ **A01B 33/00**

(11) **WO 01/72112** (13) A1

(21) PCT/US01/09710

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,857 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TILLER
• CULTIVATEUR

(71, 72) **TEEPLE, Robert, A.** [—/—]; 6724 W. US Highway 6, Gibsonburg, OH 43431 (US).

(74) **MILLER, James, D.**; MacMillan, Sobanski & Todd LLC, One Maritime Plaza, Fourth Floor, 720 Water Street, Toledo, OH 43604-1853 (US).

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

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

(51)⁷ **A01D 41/02, A01F 12/10**

(11) **WO 01/72113** (13) A1

(21) PCT/DE01/01004

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 15 057.8 **25 Mar/mar 2000 DE (25.03.2000)**

(30) 100 15 058.6 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SELF-PROPELLED COMBINE
• MOISSONNEUSE-BATTEUSE AUTOMOTRICE

(71) **CASE HARVESTING SYSTEMS GMBH** [DE/DE]; Berghausstrasse 1, 01844 Neustadt (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOSS, Lothar** [DE/DE]; Julius-Missbach-Strasse 1, 01844 Neustadt (DE). **VON ALLWÖRDEN, Wilhelm** [DE/DE]; Schillerstrasse 20, 01326 Dresden (DE).

(81) BR CA US.

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

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(51)⁷ **A01G 9/02**

(11) **WO 01/72114** (13) A1

(21) PCT/US00/09618

(22) **11 Apr/avr 2000 (11.04.2000)**

(25) en (26) en

(30) 09/536,949 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A GROWING TUBE AND METHOD OF MAKING A GROWING TUBE
• TUBE DE CULTURE DE PLANTES ET SON PROCEDE DE FABRICATION

(71, 72) **KEEFE, Darrin, E.** [US/US]; 206 S. Lewis Avenue, Waukegan, IL 60085 (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZW.

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

(51)⁷ **A01J 5/013**

(11) **WO 01/72115** (13) A1

(21) PCT/NL01/00249

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) nl (26) en

(30) 1014780 **29 Mar/mar 2000 NL (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR MILKING CATTLE
• PROCEDE ET DISPOSITIF DE TRAITE DE VACHES

(71) **IDENTO ELECTRONICS B.V.** [NL/NL]; Het Noord 6, NL-8307 AA Ens (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DER LINGEN, Daan, Daniël** [NL/NL]; De Horst 8, NL-8061 BP Hasselt (NL). **VAN DER SLUIS, Peter, Willem** [NL/NL]; Kamperwetering 19, NL-8271 PP IJsselmuiden (NL). **DE VRIES, Franciscus, Johannes, Petrus** [NL/NL]; Vriesburgerweg 17, NL-8475 EK Nijeholtpade (NL).

(74) **GROOTSCHOLTEN, Johannes, Antonius, Maria;** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

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(51)⁷ **A01J 5/017, 7/04**

(11) **WO 01/72116** (13) A1

(21) PCT/NL01/00248

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 1014781 **29 Mar/mar 2000 NL**
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MILKING APPARATUS WITH PRE-
TREATMENT SYSTEM
● MACHINE A TRAIRE AVEC SYSTEME
DE PRETRAITEMENT

(71) **IDENTO ELECTRONICS B.V.** [NL/NL];
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les États désignés sauf US)

(72, 75) **VAN DER LINGEN, Daan, Daniël**
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(NL). **VAN DER SLUIS, Peter, Willem**
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Isselmuiden (NL). **DE VRIES, Franciscus,**
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(74) **GROOTSCHOLTEN, Johannes, Anto-**
nius, Maria; Arnold & Siedsma, Sweelinck-
plein 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **A01K 11/00**

(11) **WO 01/72117** (13) A1

(21) PCT/AU01/00342

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) PQ 6533 **27 Mar/mar 2000 AU**
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● EAR TAG APPLICATOR
● APPLICATEUR D'ÉTIQUETTES
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(71) **ID+PLUS LTD** [AU/AU]; 328 Aberdeen
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(72, 75) **PFISTERSHAMMER, Josef** [AT/AU];
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

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

(51)⁷ **A01K 65/00, 91/18**

(11) **WO 01/72118** (13) A1

(21) PCT/IB01/00523

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) it (26) en

(30) MO2000A000062 **30 Mar/mar 2000 IT**
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SUPPORT FOR TROTLINE OR FISH
STRINGERS
● SUPPORT POUR LIGNE DORMANTE
OU ENFILOIRS A POISSON

(71, 72) **MULA, Giuseppe** [IT/IT]; Via Gramsci,
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(74) **LUPPI, Luigi;** Luppi & Crugnola S.r.l.,
Viale Corassori, 54, I-41100 Modena (IT).

(81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SK (Utility model
/ modèle d'utilité) 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 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 GW ML MR
NE SN TD TG).

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(51)⁷ **A01K 67/027**

(11) **WO 01/72119** (13) A2

(21) PCT/EP01/03733

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) en (26) en

(30) 100 16 083.2 **31 Mar/mar 2000 DE**
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● NON-HUMAN ANIMAL MODEL FOR
GROWTH DEFICIENCY AND INFOR-
MATION PROCESSING OR COGNI-
TIVE FUNCTION DEFECTS AND USE
THEREOF

● MODELE ANIMAL NON-HUMAIN
PERMETTANT D'ETUDIER LA CROIS-
SANCE INSUFFISANTE ET LE TRAI-
TEMENT DE L'INFORMATION OU
LES ANOMALIES DE LA FONCTION
COGNITIVE ET UTILISATION DE CE
MODELE

(71) **INGENIUM PHARMACEUTICALS AG**
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tinsried (DE).

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

(72, 75) **CORNALI, Emmanuelle** [FR/DE];
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NEHLS, Michael, Christian [DE/DE];
Paul-Keller-Strasse 6, 82131 Stockdorf (DE).
SCHLÜTER, Volker [DE/DE]; Gilmstrasse
64, 81377 München (DE). **WATTLER, Frank**
[DE/DE]; Bennostrasse 11a, 82131 Stockdorf
(DE). **WATTLER, Sigrid** [DE/DE]; Bennos-
trasse 11 A, 82131 Stockdorf (DE). **WOLF,**
Stefan [DE/DE]; Josef-Ritz-Weg 90, 81673
München (DE).

(74) **VOSSIUS, Volker** et al. / etc.; Holbein-
strasse 5, 81679 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 EE ES FI GB GD GE GH GM HR HU
ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **A01K 67/027**

(11) **WO 01/72120** (13) A2

(21) PCT/US01/09403

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007297.5 **24 Mar/mar 2000 GB**
(24.03.2000)

(30) 09/538,867 **29 Mar/mar 2000 US**
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A STRATEGY FOR MAINTAINING
PREGNANCY

● TECHNIQUE DE MAINTIEN DE LA
GESTATION

(71) **GERON CORPORATION** [US/US]; 230
Constitution Drive, Menlo Drive, CA 94025
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les États désignés sauf US)

(72, 75) **KING, Timothy, J.** [GB/GB]; Midloth-
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(74) **SCHIFF, J. Michael;** Geron Corporation,
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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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ A01M

(11) WO 01/72121 (13) A2

(21) PCT/US01/40383

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 09/536,975 28 Mar/mar 2000 US
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TOUCHLESS VOLATILE DISPENSER
• DIFFUSEUR DE PRODUITS VOLATILS
HORS CONTACT

(71) S. C. JOHNSON & SON, INC. [US/US];
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(72) SHIFFLER, Benjamin, N.; 1726 Wiese
Lane, Racine, WI 53406 (US).

(74) HOUSER, David, J. et al. / etc.; S. C. John-
son & Son, Inc., Patent Section, 1525 Howe
Street, Racine, WI 53403 (US).

(81) BR CN CO ID IN MX VN ZA.

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

(51)⁷ A01M 23/30

(11) WO 01/72122 (13) A1

(21) PCT/AU01/00336

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) PQ 6515 28 Mar/mar 2000 AU
(28.03.2000)

(30) 48725/00 20 Jul/juil 2000 AU
(20.07.2000)

(30) 21241/01 16 Feb/fév 2001 AU
(16.02.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RODENT TRAP
• PIEGE POUR RONGEURS

(71) HOCTOR, Patricia, Nancy [AU/AU]; P.O.
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(71, 72) HOCTOR, Joseph [AU/AU]; P.O. Box
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(74) HOCTOR, Joseph; P.O. Box 90, Pottsville
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(51)⁷ A01N 43/04, A61K 31/70, C07H 21/04,
C12Q 1/68, C12N 5/00, 15/85

(11) WO 01/72123 (13) A1

(21) PCT/US01/10118

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,537 28 Mar/mar 2000 US
(28.03.2000)

(30) 60/203,567 11 May/mai 2000 US
(11.05.2000)

(30) 60/215,895 5 Jul/juil 2000 US
(05.07.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR INCREASING A
CYTOTOXIC T LYMPHOCYTE RE-
SPONSE IN VIVO

• PROCEDES CONÇU POUR AUGMEN-
TER UNE REACTION DE LYMPHO-
CYTES T CYTOTOXIQUES IN VIVO

(71) THE REGENTS OF THE UNIVERSITY
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les États désignés sauf US)

(72, 75) RAZ, Eyal [IL/US]; 13658 Mango
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(74) FRANCIS, Carol, L.; Bozicevic, Field &
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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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ A01N 43/08, A61K 47/10, 47/12, 47/14,
A23L 3/3562, C07H 3/10, A61K 31/7004

(11) WO 01/72124 (13) A1

(21) PCT/JP01/00354

(22) 19 Jan/jan 2001 (19.01.2001)

(25) ja (26) ja

(30) 2000/87905 28 Mar/mar 2000 JP
(28.03.2000)

(30) 2000/94791 30 Mar/mar 2000 JP
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BACTERIAL GROWTH REGULATORS
OR INHIBITORS WITH THE USE OF
1,5-D-ANHYDROFRUCTOSE

• REGULATEURS OU INHIBITEURS
DE CROISSANCE BACTERIENNE
CONTENANT 1,5-D-ANHYDROFRUC-
TOSE

(71) NIHON STARCH CO., LTD. [JP/JP]; 3-20,
Nanei, Kagoshim-shi, Kagoshima 891-0122
(JP).

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

(71, 72) HIZUKURI, Susumu [JP/JP]; 28-6,
Tamazatodanchi 2-chome, Kagoshima-shi,
Kagoshima 892-0811 (JP). ABE, Ju-
nichi [JP/JP]; 24-22, Kinkoudai 1-chome,
Kagoshima-shi, Kagoshima 891-0145 (JP).

(72, 75) TAKEDA, Yasuhito [JP/JP]; 1685-19,
Haruyama, Matsumoto-cho, Hioki-gun,
Kagoshima 899-2704 (JP). MUROYA,
Kenkou [JP/JP]; Nihon Starch Co., Ltd.,
3-20, Nanai, Kagoshima-shi, Kagoshima
891-0122 (JP). YOSHINAGA, Kazuhiro
[JP/JP]; Nihon Starch Co., Ltd., 3-20, Nanai,
Kagoshima-shi, Kagoshima 891-0122 (JP).
FUJISUE, Mami [JP/JP]; Nihon Starch
Co., Ltd., 3-20, Nanai, Kagoshima-shi,
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Kagoshima-shi, Kagoshima 891-0122 (JP).

(74) OHSHIMA, Masataka; Ohshima Patent Of-
fice, Fukuya Building, 3, Yotsuya 4-chome,
Shinjuku-ku, Tokyo 160-0004 (JP).

(81) AU BB BG BR CA CN CZ EE GE HU ID IN
IS JP KR LK LR LT LV MG MN MX NO NZ
PL RO SG SI SK TT UA US UZ VN.

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

(51)⁷ A01N 43/12, 43/08 // (A01N 43/12, 57:28)

(11) WO 01/72125 (13) A2

(21) PCT/EP01/02977

(22) 15 Mar/mar 2001 (15.03.2001)

(25) de (26) de

(30) 10015310.0 28 Mar/mar 2000 DE
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ACTIVE SUBSTANCE COMBINA-
TIONS HAVING INSECTICIDAL AND
ACARICIDAL PROPERTIES

• COMBINAISONS DE PRINCIPES AC-
TIFS AYANT DES PROPRIETES INSEC-
TICIDES ET ACARICIDES

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

(72, 75) FISCHER, Reiner [DE/DE];
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(74) BAYER AKTIENGESELLSCHAFT;
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(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM

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

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

(51)⁷ A01N 43/16

(11) WO 01/72126 (13) A1

(21) PCT/CA01/00075

(22) 1 Feb/fév 2001 (01.02.2001)

(25) en (26) en

(30) 09/537,655 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PEA AND LENTIL PRODUCTION-EN-
HANCING COMPOSITIONS AND
METHOD USING SAME

• COMPOSITIONS FAVORISANT LA
PRODUCTION DE POIS ET DE LEN-
TILLES ET PROCEDE D'UTILISATION
DESDITES COMPOSITIONS

(71) BIOS AGRICULTURE INC. [CA/CA];
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vue, Quebec H9X 3V9 (CA).

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(72, 75) BEGUM, Anjuman, Ara [BD/CA];
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aladale Terrace, Ste-Anne-de-Belle-
vue, Quebec H9X 3V9 (CA). LEI-
BOVITCH, Stewart [CA/CA]; 2 Rivermead,
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(74) DUBUC, Jean, H. et al. / etc.; Goudreau
Gage Dubuc & Martineau Walker, The Stock
Exchange Tower, Suite 3400, 800 Place Victo-
ria, P.O. Box 242, Montreal, Quebec H4Z
1E9 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

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(51)⁷ A01N 43/50 // (A01N 43/50, 39:04)

(11) WO 01/72127 (13) A2

(21) PCT/EP01/03321

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/192,293 27 Mar/mar 2000 US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYNERGISTIC HERBICIDAL METH-
ODS AND COMPOSITIONS

• PROCEDES ET COMPOSITIONS HER-
BICIDES SYNERGIQUES

(71) BASF AKTIENGESELLSCHAFT
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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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ A01N 43/90 // (A01N 43/90, 51:00, 47:40,
43:78, 43:40)

(11) WO 01/72128 (13) A1

(21) PCT/EP01/03540

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 0007910.3 30 Mar/mar 2000 GB
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITIONS COMPRISING PY-
ROQUILON AND NEONICOTINOIDS
COMPOUNDS

• COMPOSITIONS CONTENANT DES
COMPOSES DE PYROQUILON ET DE
NEONICOTINOIDES

(71) SYNGENTA PARTICIPATIONS AG
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(72, 75) WEISS, Martin [CH/CH]; Palm-
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Raul, Vicente [CH/CH]; Hasenweg 4,
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(74) BASTIAN, Werner; Syngenta Participations
AG, Intellectual Property, P.O. Box, CH-4002
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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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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
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(51)⁷ A01N 49/00, 65/00

(11) WO 01/72129 (13) A1

(21) PCT/IN00/00034

(22) 28 Mar/mar 2000 (28.03.2000)

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ACYCLIC MONOTERPENES AS
ANTI-SPROUTING AGENTS FOR
POTATO TUBERS

• MONOTERPENES CYCLIQUES EN
TANT QU'AGENTS ANTI-GERMINA-
TION DESTINES AUX TUBERCULES
DE POMMES DE TERRE

(71) COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH [IN/IN]; An
Indian Registered Body Incorporated Under
The Registration of Societies Act (act XXI of
1860), Rafi Marg, New Delhi 110 001 (IN).

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

(72, 75) FAROOQI, Alaul, Hasan, Abad

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(74) GABRIEL, Devadoss, Calab; Kumaran &

Sagar, 84-C, C-6 Lane, (off Central Avenue),

Sainik Farms, New Delhi 110 062 (IN).

(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 SI SK SL TJ TM TR
TT TZ UA UG US UZ VN YU ZA ZW.

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

Published / Publiée : (a)

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55:10, 31:14, 31:02)

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(21) PCT/US01/09766

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 09/538,423 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR ENHANCING PLANT
HEALTH, PROTECTING PLANTS
FROM BIOTIC AND ABIOTIC STRESS
RELATED INJURIES AND ENHANC-
ING THE RECOVERY OF PLANTS

- INJURED AS A RESULT OF SUCH STRESSES
- PROCEDES DESTINE A AMELIORER L'ETAT PHYTOSANITAIRE DES PLANTS, A LES PROTEGER DES ALTERATIONS ASSOCIEES AU STRESS BIOTIQUE ET ABIOTIQUE ET A AMELIORER LA REPARATION DES PLANTS ALTERES PAR UN TEL STRESS
- (71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; P.O. Box 7365, Madison, WI 53707-7365 (US).
- (72) **FARAG, Karim, M.**; Sheikh Sultan Al-Dhahiri House, Flat 6, Sixth Street, Al-moutardh, Al-Ain (AE). **PALTA, Jiwana, P.**; 6 Rosewood Circle, Madison, WI 53711 (US). **RYU, Stephen, B.**; Samho Garden Apt 103-901, Dongrim-dong, Puk-gu, Kwangju 500-180 (KR).
- (74) **MUELLER, Lisa, V.** et al. / etc.; Rocky, Milnamow & Katz, Ltd., Suite 4700, Two Prudential Plaza, Chicago, IL 60601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A01N 63/00, A01G 13/00**
- (11) **WO 01/72131** (13) A1
- (21) PCT/CN00/00072
- (22) **31 Mar/mar 2000 (31.03.2000)**
- (25) zh (26) zh
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A METHOD FOR PREVENTING PLANT DISEASE
- METHODE PROPHYLACTIQUE ET THERAPEUTIQUE DE LUTTE CONTRE LES PARASITES DES CULTURES
- (71) **YUEN FOONG YU PAPER MFG CO., LTD.** [CN/CN]; 51 Sec.2, Chung Ching South Road, Taipei (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HSIEH, Shihpanyu** [CN/CN]; 8 Alley 25, Lane 59, Nanmen Road, Taichung (CN). **HUANG, Ruizhi** [CN/CN]; 96 18th Neighborhood, Ruiyuan Li, Dashi Jen, Taoyuan (CN).
- (74) **CHEN, Wenqing**; Shanghai Patent & Trademark Law Office, 435 Guiping Road, Shanghai 200233 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A21C 11/00**
- (11) **WO 01/72133** (13) A1
- (21) PCT/US01/09682
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,185 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 09/549,957 **14 Apr/avr 2000 US (14.04.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● NON-HUMAN TRANSGENIC ANIMALS EXPRESSING PLATELET-DERIVED GROWTH FACTOR C (PDGF-C) AND USES THEREOF
- ANIMAUX TRANSGENIQUES NON HUMAINS EXPRIMANT UN FACTEUR DE CROISSANCE C DERIVE DE PLAQUETTES (PDGF-C) ET UTILISATIONS
- (71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [US/US]; 605 Third Avenue, New York, NY 10158 (US).
- (72) **ERIKSSON, Ulf**; Ludwig Institute for Cancer Research, P.O. Box 240, S-171 77 Stockholm (SE). **LI, Xuri**; Ludwig Institute for Cancer Research, P.O. Box 240, S-171 77 Stockholm (SE). **PONTEN, Annica**; Ludwig Institute for Cancer Research, P.O. Box 240, S-171 77 Stockholm (SE). **AASE, Karin**; Ludwig Institute for Cancer Research, P.O. Box 240, S-171 77 Stockholm (SE). **LI, Hong**; Ludwig Institute for Cancer Research, P.O. Box 240, S-171 77 Stockholm (SE).
- (74) **EVANS, Joseph, D.**; Evenson, McKeown, Edwards & Lenahan, P.L.L.C., 1200 G Street, N.W., Suite 700, Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A21D 13/08, 13/00**
- (11) **WO 01/72134** (13) A1
- (21) PCT/EP01/02206
- (22) **27 Feb/fév 2001 (27.02.2001)**
- (25) en (26) en
- (30) 0007249.6 **24 Mar/mar 2000 GB (24.03.2000)**
- (30) 0016840.1 **7 Jul/juil 2000 GB (07.07.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● COATED BISCUIT
- BISCUIT ENROBE
- (71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MYERS, Lucy** [GB/GB]; 10 The Glade, York YO31 1LA (GB). **LECAT, Alec** [FR/GB]; 4 Etive Place, York YO24 2XG (GB).
- (74) **PATE, George, Frederick**; Avenue Nestlé 55, CH-1800 Vevey (CH).
- (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A23C 9/152, 9/20**
- (11) **WO 01/72135** (13) A1
- (21) PCT/AU01/00361
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) en (26) en
- (30) PQ 6607 **31 Mar/mar 2000 AU (31.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● NUTRITIONAL MINERAL FORTIFICATION OF MILK
- ENRICHISSEMENT DU LAIT PAR DES MINERAUX NUTRITIONNELS
- (71) **AUSTRALIAN FOOD INDUSTRY SCIENCE CENTRE** [AU/AU]; Sneydes Road, Werribee, VIC 3030 (AU). **COMMONWEALTH SCIENTIFIC & INDUSTRIAL RESEARCH ORGANISATION** [AU/AU]; Sneydes Road, Werribee, VIC 3030 (AU). **DAIRY RESEARCH & DEVELOPMENT CORPORATION** [AU/AU]; Level 3, 84 William Street, Melbourne, VIC 3000 (AU). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AUGUSTIN, Mary, Ann** [MY/AU]; Sneydes Road, Werribee, VIC 3030 (AU). **WILLIAMS, Roderick, Patterson, Winfield** [AU/AU]; Sneydes Road, Werribee, VIC 3030 (AU).
- (74) **MISCHLEWSKI, Darryl**; P.O. Box 1254, Camberwell, VIC 3124 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A23D 7/015, 7/00, 9/013, A23L 1/30, C11C 3/10, C11B 7/00**
- (11) **WO 01/72136** (13) A1
- (21) PCT/US01/09214
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,412 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● STEROL ESTER COMPOSITIONS
- COMPOSITIONS A BASE D'ESTERS DE STEROLS
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **SCHUL, David, Allen**; 954 East Foster-Mainville Road, Mainville, OH 45039 (US). **BERGER, Roger, Stephen**; 5726 Lake Huron Drive, Fairfield, OH 45014 (US). **HOWIE, John, Keeney**; 5958 Olive Branch Road, Oregonia, OH 45054 (US). **LESSEN, Eugene, H., Jr.**; 7115 St. Albans Way, Hamilton, OH 45011 (US). **WONG, Vincent, York-Leung**; 6467 Katherine Manor Court, Hamilton, OH 45011 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A23G 3/28, 3/20, 3/02, 9/28, A23P 1/08, A21C 15/00**
- (11) **WO 01/72137** (13) A1
- (21) PCT/FR01/00737
- (22) **13 Mar/mar 2001 (13.03.2001)**
- (25) fr (26) fr
- (30) 00/03834 **27 Mar/mar 2000 FR (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND DEVICE FOR DEPOSITING A FOOD PRODUCT ONTO A SURFACE
- PROCEDE ET DISPOSITIF DE DEPOSE D'UN PRODUIT ALIMENTAIRE SUR UNE SURFACE
- (71) **LU** [FR/FR]; Z.I. du Bois de l'Epine, Avenue Ambroise Croizat, F-91130 Ris Orangis (FR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEROS, Jean** [BE/FR]; 29, Avenue Jean Jaurès, F-91210 Draveil (FR). **GOETHALS, René** [BE/BE]; Krakelaarsveld 25, B-2200 Herentals (BE). **NOWICKI, Marcel** [FR/FR]; 13, résidence de Montgermont, Brinville, F-77930 Saint-Sauveur-sur-Ecole (FR).
- (74) **ORES, Irène** et al. / etc.; Cabinet Ores, 6, Avenue de Messine, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A23G 3/30, A23L 1/305, A61K 9/00**
- (11) **WO 01/72138** (13) A1
- (21) PCT/EP01/03460
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) MI2000A000639 **27 Mar/mar 2000 IT (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● CHEWING GUM CONTAINING SULFURATED AMINO ACID COMPOUNDS
- CHEWING GUM CONTENANT DES COMPOSES D'ACIDES AMINES SOUFRES
- (71) **F.T. HOLDING S.A.** [LU/LU]; 207, route d'Arlon, L-1150 Luxembourg (LU). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CASTIGLIONI, Mauro** [IT/IT]; Via Aureggi, 25/A, I-20030 Lentate Sul Seveso (IT). **TENCONI, Fabrizio** [IT/IT]; Via Cassini, 7, I-10100 Torino (IT).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- Declaration / Déclaration : (t) for all designations / pour toutes les désignations
-
- (51)⁷ **A23G 3/30**
- (11) **WO 01/72139** (13) A1
- (21) PCT/US00/07798
- (22) **24 Mar/mar 2000 (24.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● PROCESS OF PRODUCING CHEWING GUM BASE IN PARTICLE FORM AND USE OF SAME
- PROCEDE DE PRODUCTION DE BASE DE GOMME A MACHER SOUS FORME PARTICULAIRE ET SON UTILISATION
- (71) **WM. WRIGLEY JR. COMPANY** [US/US]; 410 North Michigan Avenue, Chicago, IL 60611 (US).
- (72) **GMUNDER, Charlean**; 9 Ottawa Trail, Branchburg, NJ (US). **KANCA, Kenneth, M.**; 40 Harrison Place, Parlin, NJ (US). **LI, Weisheng**; 5 Alexander Avenue, Montclair, NJ 07043 (US). **MARSHALL, Frederick, H.**; 24 Coutry Club Drive, Chatham, NJ (US). **ZUROMSKI, Edward, J.**; 7 Manville Boulevard, Bridgewater, NJ (US).
- (74) **NIMZ, Jack**; Wm. Wrigley Jr. Company, 410 North Michigan Avenue, Chicago, IL 60611 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ

TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A23J**

(11) **WO 01/72140** (13) A2

(21) PCT/EP01/03024

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 997.6 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BIOPOLYMERS AND PRODUCTION THEREOF WITH COUPLED PRODUCT RECOVERY

• BIOPOLYMERES ET LEUR PRODUCTION AVEC DES PRODUITS COUPLES DE RECUPERATION

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

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(72, 75) **SCHÖRKEN, Ulrich** [DE/DE]; Neustrasse 12, 42799 Leichlingen (DE). **WEISS, Albrecht** [DE/DE]; Forellenweg 37, 40764 Langenfeld (DE). **KUHLMANN, Kerstin** [DE/DE]; Kronenstrasse 18, 40217 Düsseldorf (DE). **HORLACHER, Peter** [DE/DE]; Bockweg 25, 89079 Ulm (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 **A23K**

(11) **WO 01/72141** (13) A2

(21) PCT/US01/09353

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/192,066 **24 Mar/mar 2000 US (24.03.2000)**

(30) Not furnished / **23 Mar/mar 2001 US non communiqué (23.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMBINATION OF PLASMA AND HYPERIMMUNIZED PRODUCTS FOR INCREASED PERFORMANCE

• COMBINAISON DE PRODUITS DE PLASMA ET DE PRODUITS HYPERIMMUNISES DESTINEE A UNE MEILLEURE PERFORMANCE

(71) **TROUW NUTRITION USA** [US/US]; 115 Executive Drive, Highland, IL 62249 (US).

(72) **KISIC, Julie, A.**; 37643 Weld County Road #39, Eaton, CO 80615 (US). **SHIPP, Thomas, E.**; 411 Easy, Marine, IL 62061 (US).

(74) **KRIKELIS, Basil, S.**; DCV, Inc., 3521 Silverside Road, Quillen Building, Wilmington, DE 19810 (US).

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

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A23L**

(11) **WO 01/72142** (13) A2

(21) PCT/US01/09727

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/537,881 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESS FOR PREPARING TURKEY MEAT CUT

• PROCEDE DE PREPARATION DE VIANDE DE DINDE DECOUPEE

(71, 72) **KUCK, Ted, V.** [US/US]; 12053 State Route 29, Saint-Marys, OH 45885 (US).

(74) **DYKEMAN, David, J.** et al. / etc.; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A23L 1/025, A01C 1/00**

(11) **WO 01/72143** (13) A1

(21) PCT/RU00/00107

(22) **31 Mar/mar 2000 (31.03.2000)**

(25) ru (26) ru

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR PROCESSING GRAIN, CORN AND WATER-GRAIN MIXTURES

• PROCEDE DE TRAITEMENT DES CEREALES ET DE MELANGES EAU-CEREALES

(71) **TSABOLOV, Uruzmag Georgievich** [RU/RU]; ul. Vladikavkazskaya, 22-33, g. Vladikavkaz, 362000 (RU).

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(71, 72) **RONZHIN, Arkady Vasilievich** [RU/RU]; ul. Armyanskaya, 25B-12, g. Vladikavkaz, 362025 (RU).

(74) **TSABOLOV, Uruzmag Georgievich**; ul. Vladikavkazskaya, 22-33, g. Vladikavkaz, 362000 (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) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A23L 1/304, 2/52, A61K 7/16**

(11) **WO 01/72144** (13) A1

(21) PCT/EP01/03280

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007421.1 **27 Mar/mar 2000 GB (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • USE OF POLYPHOSPHATE AS A TOOTH EROSION INHIBITOR IN ACIDIC COMPOSITIONS

• UTILISATION DU POLYPHOSPHATE EN TANT QU'INHIBITEUR D'EROSION DENTAIRE DANS DES COMPOSITIONS ACIDES

(71) **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

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

(72, 75) **BAKER, Nicola, Jane** [GB/GB]; GlaxoSmithKline, The Royal Forest Factory, Coleford, Gloucestershire GL16 8JB (GB). **PARKER, David, Myatt** [GB/GB]; GlaxoSmithKline, The Royal Forest Factory, Coleford, Gloucestershire GL16 8JB (GB).

(74) **WHITE, Susan, Mary**; Corporate Intellectual Property, SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A23L 1/308, A23K 1/175, 1/18**

(11) **WO 01/72145** (13) A1

(21) PCT/US01/09654

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/192,088 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NUTRITIONAL SUPPLEMENTS FORMULATED FROM BIOACTIVE MATERIALS

• SUPPLEMENTS NUTRITIONNELS PREPARES A PARTIR DE MATIERES BIOACTIVES

(71) **USTHERAPEUTICS, LLC** [US/US]; 13709 Progress Blvd., Box 13, Alachua, FL 32615 (US). **USBIOMATERIALS CORPORATION** [US/US]; 13709 Progress Blvd., Box 23, Alachua, FL 32615 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEST, Jon, K.** [US/US]; 1931 N.W. 47th Street, Gainesville, FL 32605 (US). **GREENSPAN, David** [US/US]; 3116 N.W. 62nd Terrace, Gainesville, FL 32606 (US). **MEYERS, James, L.** [US/US]; 610 N.W. 26th Place, Gainesville, FL 32605 (US).

(74) **SALIWANCHIK, David, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A23L 1/38**

(11) **WO 01/72146** (13) A2

(21) PCT/US01/09212

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/193,028 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESS FOR MAKING LOW FAT NUT SPREAD COMPOSITION WITH HIGH PROTEIN AND FIBER

• PROCEDE DE FABRICATION D'UNE COMPOSITION DE PATE A TARTINER AUX NOIX PAUVRE EN GRAISSES ET A TENEUR ELEVEE EN PROTEINES ET EN FIBRES

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

(72) **WONG, Vincent, York-Leung**; 6467 Katherine Manor Court, Hamilton, OH 45011 (US). **SACKENHEIM, Richard, Joseph**; 1431 Woodridge Drive, Hamilton, OH 45013 (US). **SIU, Susana, R., Waimin**; 3448 Edwards Road, #9, Cincinnati, OH 45208 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A23L 1/38**

(11) **WO 01/72147** (13) A2

(21) PCT/US01/09234

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/192,813 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LOW FAT NUT SPREAD COMPOSITION WITH HIGH PROTEIN AND FIBER

• COMPOSITION A TARTINER A BASE DE NOIX AVEC FAIBLE TENEUR EN LIPIDES ET UNE TENEUR ELEVEE EN PROTIDES ET EN FIBRES

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

(72) **WONG, Vincent, York-Leung**; 6467 Katherine Manor Court, Hamilton, OH 45011 (US). **SIU, Susana, R., Waimin**; 3448 Edwards Road #9, Cincinnati, OH 45208 (US). **SACKENHEIM, Richard, Joseph**; 1431 Woodridge Drive, Hamilton, OH 45013 (US). **PROSISE, Robert, Lawrence**; 7104 Larchwood Drive, Cincinnati, OH 45241 (US). **BEHARRY, Christopher, Randall**; 622 Marview Terrace, Cincinnati, OH 45231 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A23L 1/40, A23P 1/02, 1/12, A23L 1/39**

(11) **WO 01/72148** (13) A1

(21) PCT/EP01/02724

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 00106664.6 **29 Mar/mar 2000 EP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COOKING AID

• ADJUVANT POUR LA CUISINE

(71) **SOCIETE DES PRODUITS NESTLE S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAHE, Yannick** [FR/CH]; Schlosserstrasse 11, CH-8400 Winterthur (CH). **ISLER, Ernst** [CH/CH]; Langenmattstrasse 6, CH-8552 Felben-Wellhausen (CH). **FROEHLICH, Markus** [CH/CH]; Altwiesenstrasse 270, CH-8051 Zurich (CH).

(74) **WAVRE, Claude-Alain**; Avenue Nestlé 55, CH-1800 Vevey (CH).

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

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

Published / Publiée : (c)

(51)⁷ **A23P 1/00, C11D 1/66, 3/22**

(11) **WO 01/72149** (13) A1

(21) PCT/EP01/03085

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 15 126.4 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WASHING OF FRUIT AND VEGETABLES

• LAVAGE DE FRUITS ET DE LEGUMES

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

(72) **MEINE, Georg**; Hofstadt 4, 40822 Mettmann (DE). **GIESEN, Brigitte**; Torfbruchstrasse 83a, 40625 Düsseldorf (DE). **ZIGANKE, Kerstin**; Osteroderstrasse 14, 40595 Gelsenkirchen (DE).

(81) AU BR CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA ZA.

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

Published / Publiée : (c)

(51)⁷ **A23P 1/00, B01F 7/00, B29C 47/00**

(11) **WO 01/72150** (13) A1

(21) PCT/US01/10004

(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en

(30) 09/536,893 **28 Mar/mar 2000 US (28.03.2000)**

(30) 09/818,484 **27 Mar/mar 2001 US (27.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTIPLE PURPOSE QUICK-CHANGEOVER EXTRUSION SYSTEM

• SYSTEME D'EXTRUSION A PERMUTATION RAPIDE ET A USAGES MULTIPLES

(71) **WENGER MANUFACTURING, INC.** [US/US]; 714 Main Street, Sabetha, KS 66534 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WENGER, LaVon, G.** [US/US]; 1524 Centennial Drive, Sabetha, KS 66534 (US).
HAUCK, Bobbie, W. [US/US]; 603 Virginia, Sabetha, KS 66534 (US).

(74) **COLLINS, John, M.**; Hovey, Williams, Timmons & Collins, 2405 Grand Blvd., Suite 400, Kansas City, MO 64108 (US).

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

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

Published / Publiée : (c)

(51)⁷ **A23P 1/00, B01F 7/00, B29C 47/00**

(11) **WO 01/72151** (13) A1

(21) PCT/US01/08602

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/536,893 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTIPLE PURPOSE QUICK-CHANGEOVER EXTRUSION SYSTEM

• SYSTEME D'EXTRUSION MULTI-USAGE A CHANGEMENT RAPIDE

(71) **WENGER MANUFACTURING, INC.** [US/US]; 714 Main Street, Sabetha, KS 66534 (US).

(72) **WENGER, LaVon, G.**; 1524 Centennial Drive, Sabetha, KS 66534 (US). **HAUCK, Bobbie, W.**; 603 Virginia, Sabetha, KS 66534 (US).

(74) **COLLINS, John, M.**; Hovey, Williams, Timmons & Collins, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A23P 1/08, A23L 1/31, 1/315, 1/325, A23C 19/09**

(11) **WO 01/72152** (13) A1

(21) PCT/FR01/00889

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) fr (26) fr

(30) 00/03795 **24 Mar/mar 2000 FR (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FLOURING COMPOSITION FOR COATED CORE-COOKED FOOD PRODUCTS AND METHOD FOR PREPARING SAID PRODUCTS

• COMPOSITION DE PREFARINAGE POUR PRODUITS ALIMENTAIRES ENROBES CUITS A COEUR ET PROCEDE DE PREPARATION DESDITS PRODUITS

(71) **NEW FOOD INGREDIENTS** [GB/GB]; Owillane Osset West Yorkshire, Yorks WF5 9AX (GB).

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

(72, 75) **BREUIL, Dominique** [FR/FR]; 12, rue Charleroi, F-02100 Saint-Quentin (FR).
L'HELGOUALCH'H, Charles [FR/FR]; 30/Place aux Bleuets, F-59800 Lille (FR).

(74) **BOULINGUIEZ, Didier** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A23P 1/12, 1/14, A23N 17/00, A23K 1/00**

(11) **WO 01/72153** (13) A1

(21) PCT/DK01/00200

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PA 2000 00502 **24 Mar/mar 2000 DK (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS FOR EXTRUSION OF WATER-CONTAINING PRODUCTS

• APPAREIL D'EXTRUSION DE PRODUITS AQUEUX

(71) **SPROUT-MATADOR A/S** [DK/DK]; Glen-tevej 5-7, DK-6705 Esbjerg (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLARUP-KNUDSEN, Anders** [DK/DK]; Styrmandsvænget 132, DK-6710 Esbjerg (DK).

(74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Søgade 10, DK-1601 København (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A24C 5/14**

(11) **WO 01/72154** (13) A1

(21) PCT/JP01/02484

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-91299 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SHEET TOBACCO MANUFACTURING DEVICE

• DISPOSITIF DE FABRICATION DE TABAC EN FEUILLES

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

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

(72, 75) **FURUYA, Norio** [JP/JP]; c/o JAPAN TOBACCO INC., 40-1, Nishiiba-cho, Hamamatsu-shi, Shizuoka 432-8038 (JP).
MATSUDA, Kenichi [JP/JP]; c/o JAPAN TOBACCO INC., 40-1, Nishiiba-cho, Hamamatsu-shi, Shizuoka 432-8038 (JP).
FURUYA, Susumu [JP/JP]; c/o JAPAN TOBACCO INC., 40-1, Nishiiba-cho, Hamamatsu-shi, Shizuoka 432-8038 (JP).
TOKUNAGA, Hidetoshi [JP/JP]; c/o JAPAN TOBACCO INC., 2054-2, Aza Tsukiji, Oaza Shinden, Hofu-shi, Yamaguchi 747-0825 (JP).
TUCHIYA, Yasushige [JP/JP]; c/o JAPAN TOBACCO INC., 2054-2, Aza Tsukiji, Oaza Shinden, Hofu-shi, Yamaguchi 747-0825 (JP).

(74) **NAGATO, Kanji** et al. / etc.; 5F, SKK Building, 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **A24C 5/58**

(11) **WO 01/72155** (13) A1

(21) PCT/JP01/02483

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-89388 **28 Mar/mar 2000 JP**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VENTILATION CHARACTERISTIC
STABILIZER FOR FILTER CIGARETTE
• STABILISATEUR DE CARACTERIS-
TIQUE DE VENTILATION POUR CI-
GERETTE A FILTRE

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

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

(72, 75) **MATSUMURA, Takeshi** [JP/JP]; c/o JAPAN TOBACCO INC., 17-7, Yokokawa 1-chome, Sumida-ku, Tokyo 130-8603 (JP).
TAKAGI, Yasuyuki [JP/JP]; c/o JAPAN TOBACCO INC., 78-3, Nishinoshima, Iwata-shi, Shizuoka 438-0041 (JP).

(74) **NAGATO, Kanji** et al. / etc.; 5F, SKK Bldg., 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A41D 13/11, A62B 18/08**

(11) **WO 01/72156** (13) A1

(21) PCT/US00/18728

(22) **10 Jul/juil 2000 (10.07.2000)**

(25) en (26) en

(30) 09/535,847 **27 Mar/mar 2000 US**
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HALF-MASK RESPIRATOR WITH HEAD HARNESS ASSEMBLY
• DEMI-MASQUE RESPIRATOIRE MUNI D'UN ENSEMBLE HARNAIS DE TETE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BROSTROM, Gerald, M.**; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

CASTIGLIONE, David, M.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
MITTELSTADT, William, A.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).
SOLYNTJES, Alan, J.; Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **HANSON, Karl, G.** et al. / etc.; Office of Intellectual Property Counsel, Post Office Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KR (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A41D 13/12, A42B 1/04**

(11) **WO 01/72157** (13) A2

(21) PCT/US01/09965

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/536,658 **28 Mar/mar 2000 US**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BARRIER GARMENT SYSTEM
• SYSTEME DE VETEMENT DE PROTECTION

(71, 72) **DILWORTH, Curtis, Jr.** [US/US]; 2445 Candler Road, Decatur, GA 30032 (US).
RAIFORD, Daniel [US/US]; 819 Aldenham Court, Suwanee, GA 30174 (US).

(74) **BERNSTEIN, Jason, A.**; Bernstein & Associates, P.C., 6600 Peachtree Dunwoody Road, N.E., Embassy Row 400, Suite 495, Atlanta, GA 30328-1649 (US).

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

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

(51)⁷ **A41D 19/00, C08F 136/08**

(11) **WO 01/72158** (13) A1

(21) PCT/US00/08167

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DIP-MOLDED MEDICAL DEVICES FROM C/IS-1,4-POLYISOPRENE

• INSTRUMENTS MEDICAUX MOULES AU TREMPÉ A PARTIR DE C/IS-1,4-POLYISOPRENE

(71) **APEX MEDICAL TECHNOLOGIES, INC.** [US/US]; 10064 Mesa Ridge Court, Suite 202, San Diego, CA 92121 (US).

(72) **McGLOTHLIN, Mark, W.**; 4973 Smith Canyon Court, San Diego, CA 92130 (US).

SCHMID, Eric, V.; 12248 Meadow Grass Court, San Diego, CA 92128 (US).

(74) **HEINES, M. Henry** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, Eighth Floor, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **A42B 1/00**

(11) **WO 01/72159** (13) A1

(21) PCT/KR01/00493

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ko (26) en

(30) 2000/15633 **27 Mar/mar 2000 KR**
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HEADGEAR PROVIDED WITH A PONYTAIL
• COIFFURE POURVUE D'UNE QUEUE DE CHEVAL

(71, 72) **KIM, Dong-Soo** [KR/KR]; 109-3, Dongsan-dong, Dukyang-gu, Goyangshi, Kyungki-do 412-090 (KR).

(74) **PARK, Sa, Ryong**; Rm. 301, Chongho Bldg., 823-5, Yeoksam 1-dong, Kangnam-gu, Seoul 135-081 (KR).

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

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

(51)⁷ **A42B 3/00**

(11) **WO 01/72160** (13) A1

(21) PCT/KR00/00287

(22) **30 Mar/mar 2000 (30.03.2000)**

(25) en (26) en

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SAFETY HELMET FORMED OF HYBRID COMPOSITE MATERIAL AND METHOD FOR MANUFACTURING THE SAME
- CASQUE DE SECURITE FABRIQUE A PARTIR D'UN MATERIAU COMPOSITE HYBRIDE ET PROCEDE DE FABRICATION
- (71, 72) **LEE, Dong, Seon** [KR/KR]; 977-40 Mansu-dong, Namdong-gu, Incheon-city 405-240 (KR).

- (74) **LEE, Young, Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-073 (KR).

(81) BR CA CN JP US.

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

(51)⁷ **A43B 5/02**

(11) **WO 01/72161** (13) A1

(21) PCT/KR01/00475

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) ko (26) en

(30) 2000/8669 U **27 Mar/mar 2000 KR (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • SOCCER SHOES
- CHAUSSURES DE FOOTBALL

(71) **MOOHONG ENTERPRISE CO** [KR/KR]; B-1108, Winners Officetel, 175-1, Jamsil-dong, Songpa-gu, Seoul 138-861 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Chun-Sung** [KR/KR]; 318, Bansong-ri, Dongtan-myun, Hwasung-gun, Kyonggi-do 445-811 (KR).

(74) **AHN, Young-Kil**; 4th floor, Seoil Building, 1543-8, Seocho-3dong, Seocho-gu, Seoul 137-872 (KR).

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

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

(51)⁷ **A43B 13/04, C08L 67/04, B32B 27/36**

(11) **WO 01/72162** (13) A1

(21) PCT/BR00/00127

(22) **22 Nov/nov 2000 (22.11.2000)**

(25) en (26) en

(30) CI 9805490-2 **31 Mar/mar 2000 BR (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • IMPROVEMENT IN CO-EXTRUDED THERMOPLASTIC STRUCTURAL MATERIAL FOR FOOTWEAR

- AMELIORATIONS APORTEES A UNE MATIERE STRUCTURELLE THERMOPLASTIQUE CO-EXTRUDEE DESTINEE A UNE CHAUSSURE

(71) **BOXFLEX COMPONENTES PARA CALÇADOS LTDA** [BR/BR]; Av. Carlos Strassburger Filho, 5326, CEP-93700-000 Campo Bom, RS (BR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLECK, Martinho** [BR/BR]; Rua 17 de Abril, 270, CEP-93700-00 Campo Bom, RS (BR).

(74) **CUSTÓDIO DE ALMEIDA & CIA**; Av Borges de Medeiros, 464, 3º andar, CEP-90020-022 Porto Alegre, RS (BR).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL 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 SI SK TJ TM TR TT UA UG US UZ VN.

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

(51)⁷ **A44C 5/18, 5/20, 5/00, A44B 11/22, A45C 13/10**

(11) **WO 01/72163** (13) A1

(21) PCT/FR01/00943

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) fr (26) fr

(30) 00/03882 **28 Mar/mar 2000 FR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • JEWEL SERVING AS CLASP
- BIJOU FAISANT OFFICE DE FERMOIR
- (71, 72) **LESUEUR, Sophie, Raphaëlle, Marcelle** [FR/FR]; 160, rue Eau de Robec, F-76000 Rouen (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A45C 5/14**

(11) **WO 01/72164** (13) A1

(21) PCT/DE01/01199

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 15 422.0 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • BAGGAGE ITEM WITH ROLLERS
- BAGAGE A ROULETTES

(71, 72) **RÖDER, Klaus** [DE/DE]; Zieblandstrasse 37, 81798 München (DE).

(74) **SONNENBERG, Fred** et al. / etc.; Sonnenberg Fortmann, Herzogspitalstrasse 10a, 80331 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A45C 11/20, B65D 5/00, 5/10, 5/46, 75/00, 77/00**

(11) **WO 01/72165** (13) A1

(21) PCT/US01/10373

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/535,799 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • FOOD AND BEVERAGE CARRIER
- CONTENANT POUR PRODUITS ALIMENTAIRES ET BOISSONS

(71) **CLK FACTOR, INC.** [US/US]; Suite 353, 218 Main Street, Kirkland, WA 98033 (US).

(71, 72) **LINDSTROM, Per-Axel** [US/US]; P.O. Box 9848, Seattle, WA 98109-1848 (US).

(74) **GRIFFITHS, Paul, L.**; P.O. Box 935, Monroe, CT 06468 (US).

(81) CA.

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

(51)⁷ **A45C 13/00, A45D 40/22**

(11) **WO 01/72166** (13) A1

(21) PCT/FR01/00876

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03969 **29 Mar/mar 2000 FR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • MAKE-UP TYPE CASE COMPRISING AN ARTICULATED LID
- BOITIER DU TYPE BOITIER DE MAQUILLAGE COMPORTANT UN COUVERCLE ARTICULE

(71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75508 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SEBBAN, Jacques** [FR/FR]; 20 bis, rue de la Tourneuve, F-45000 Orléans (FR).

(74) **LERAY, Noëlle**; L'Oréal / D.P.I., 6, rue Bertrand Sincholle, F-92585 Clichy 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 EE ES FI GB GD GE GH GM HR

HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A45C 13/00, A45D 40/22**

(11) **WO 01/72167** (13) A1

(21) PCT/FR01/00877

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03970 **29 Mar/mar 2000 FR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MAKE-UP TYPE HOUSING COMPRISING AN ARTICULATED LID

• BOITIER DU TYPE BOITIER DE MAQUILLAGE COMPORTANT UN COUVERCLE ARTICULE

(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) **SEBBAN, Jacques** [FR/FR]; 20 bis, rue de la Tourneuve, F-45000 Orléans (FR).

(74) **LERAY, Noëlle**; L'Oréal / D.P.I., 6, rue Bertrand Sincholle, F-92585 Clichy 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **A45C 13/02**

(11) **WO 01/72168** (13) A1

(21) PCT/EP01/03672

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) FI2000U000033 **31 Mar/mar 2000 IT (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HOLDER HAVING A PULLING TAB

• SUPPORT POURVU D'UNE TIRETTE

(71) **MALECI PIERO** [IT/IT]; Via G. Rossa, 38, I-57013 Rosignano Solvay (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MALECI, Piero** [IT/IT]; Via Lombardia, 45, I-57013 Rosignano Solvay (IT).

(74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47B 3/00**

(11) **WO 01/72169** (13) A1

(21) PCT/US01/01170

(22) **12 Jan/jan 2001 (12.01.2001)**

(25) en (26) en

(30) 09/537,580 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COLLAPSIBLE TABLE WITH ELASTIC RETAINING ELEMENTS

• TABLE PLIABLE AVEC ELEMENTS DE RETENUE ELASTIQUES

(71) **NORTHPOLE US LLC** [US/US]; 3333 Yale Way, Fremont, CA 94538 (US).

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

(72, 75) **BYUNG, Choi, Sang** [—/KR]; 223-1074, Byuksan Apt., Hwanggol-Maul, Youngtong-Gu, Suwon, Kyounki-Do (KR).
SIK, Byun, Ho [—/KR]; 455-56 Kumho Villa, Suyu-5 Dong, Kangbuk-Gu (KR).

(74) **GUERNSEY, Larry, B.**; Oppenheimer, Wolff & Donnelly LLP, P.O. Box 52037, Palo Alto, CA 94303 (US).

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

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

(51)⁷ **A47B 9/00**

(11) **WO 01/72170** (13) A1

(21) PCT/US00/08317

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SAFETY INTERLOCK BRAKING SYSTEM FOR HEIGHT ADJUSTABLE TABLE

• SYSTEME DE FREINAGE A VERROUILLAGE DE SECURITE POUR TABLE REGLABLE EN HAUTEUR

(71) **WEBER KNAPP COMPANY** [US/US]; 441 Chandler Street, P.O. Box 518, Jamestown, NY 14702-0518 (US).

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

(72, 75) **HAHN, Christopher, T.** [US/US]; 205 Olympia Drive, Dothan, AL 36301 (US).

KERL, Peter, J. [US/US]; 21 West Pleasant Avenue, Angola, NY 14006 (US).
SITH, Ahmad [US/US]; 30 Sunset Avenue, Lakewood, NY 14750 (US).
CARLSON, Holly, M. [US/US]; 13727 Wattsburg Road, Wattsburg, PA 16442 (US).

(74) **KAUFFMAN, R., Craig**; Simpson, Simpson & Snyder, L.L.P., 5555 Main Street, Williamsville, NY 14221 (US).

(81) CA US.

Published / Publiée : (c)

(51)⁷ **A47B 9/16**

(11) **WO 01/72171** (13) A1

(21) PCT/IT01/00141

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) FI2000A000081 **28 Mar/mar 2000 IT (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A SMALL TABLE HAVING A HEIGHT-ADJUSTABLE TOP

• PETITE TABLE DONT LE HAUT EST REGLABLE EN HAUTEUR

(71, 72) **D'URBINO, Donato** [IT/IT]; Via Teodosio, 67, I-20131 Milano (IT).
LOMAZZI, Paolo [IT/IT]; Corso Plebisciti, 1, I-20129 Milano (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47B 13/12, A43B 13/38, 13/14**

(11) **WO 01/72172** (13) A1

(21) PCT/EP01/02715

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 15 240.6 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INSOLE AND USE OF THE SAME FOR PRODUCING A SHOE

• SEMELLE INTERIEURE ET SON UTILISATION DANS LA FABRICATION D'UNE CHAUSSURE

(71, 72) **MAYER, Helmut** [DE/DE]; Schönbühl 10, 73342 Bad Ditzgenbach (DE). **MAYER, Gerd** [DE/DE]; Schönbühl 10, 73342 Bad Ditzgenbach (DE). **MAYER, Achim** [DE/DE]; Schönbühl 10, 73342 Bad Ditzgenbach (DE).

(74) **BANZER, Hans-Jörg**; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 München (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 **A47B 81/00, H05K 5/00, 7/14**

(11) **WO 01/72173** (13) A1

(21) PCT/US01/09537

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) en (26) en

(30) 60/192,249 **25 Mar/mar 2000 US (25.03.2000)**

(30) 60/213,411 **22 Jun/juin 2000 US (22.06.2000)**

(30) 60/213,413 **22 Jun/juin 2000 US (22.06.2000)**

(30) 60/220,124 **21 Jul/juil 2000 US (21.07.2000)**

(30) 09/650,810 **30 Aug/août 2000 US (30.08.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SHELF ENCLOSURE FOR NETWORK DATA STORAGE SYSTEM

• BOITIER D'UN SYSTEME DE STOCKAGE DE DONNEES RELATIVES AU RESEAU

(71) **EUROLOGIC SYSTEMS** [IE/IE]; Maple House, South County Business Park, Leopardstown, 18 Dublin (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BELL, Michael, Stephen** [US/US]; 905 L Street, Penrose, CO 81240 (US). **CARLSON, Grant, Edward** [US/US]; 1311 Upper Twin Rock Road, Florissant, CO 80816 (US).

(74) **OPPEDAHL, Carl** et al. / etc.; Oppedahl & Larson LLP, P O Box 5068, Dillon, CO 80435-5068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A47B 91/00**

(11) **WO 01/72174** (13) A2

(21) PCT/US01/09678

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/536,342 **25 Mar/mar 2000 US (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROTECTIVE GUARD FOR FURNITURE LEG

• DISPOSITIF DE PROTECTION POUR PIED DE MEUBLE

(63) US 09/536,342 (CON)
25 Mar/mar 2000 (25.03.2000)

(71) **FINGER LAKES INTELLECTUAL PROPERTY, LLC** [US/US]; 592 North Forest, Teaneck, NJ 07666 (US).

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

(72, 75) **POLEVOY, Richard** [US/US]; 592 North Forest, Teaneck, NJ 07666 (US). **RYAN, Howard, Scott** [US/US]; 34 East Lake Street, Skaneateles, NY 13152 (US). **CARLSON, Paul, Eric** [US/US]; 2423 Wave Way, Skaneateles, NY 13152 (US).

(74) **JACKSON, David, A.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A47C**

(11) **WO 01/72175** (13) A2

(21) PCT/US01/09404

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/536,207 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TWO PLATFORM MOTION SEAT

• SIEGE A MOUVEMENTS EN DEUX PLATEAUX

(71) **SEAT REVOLUTION, INC.** [US/US]; Suite 419, 2640 Del Mar Heights Road, Del Mar, CA 92014 (US).

(72) **BRIGHTBILL, Stephen, T.**; 2323 Barley Drive, Vista, CA 92083 (US). **FLESNER, David, W.**; 3211 Hill Street, San Diego, CA 92106 (US). **REPICKY, Paul, A.**; 13980 Recuerdo Drive, Del Mar, CA 92014 (US). **CHEONG, Eric, Lai, Sai**; Flat D, 12/Fl., Block 11, Royal Ascot, Shatin, Hong Kong (CN). **LEUNG, Tony, Wong, Hing**; Flat D, 12/Fl., Flock 11, Royal Ascot, Shatin, Hong Kong (CN). **MING, Wesley, Yau, Tse**; Room 1222, Tak Shing House, Tak Tin Estate, Lam Tin, Hong Kong (CN). **TONG, Albert, Poon, Wai**; Flat 4A, Block 1, Phase 1, Belvedere Garden, Tsuen Wang, Hong Kong (CN).

(74) **HARRINGTON, Curtis, L.**; Suite 250, 6300 State University Drive, Long Beach, CA 90815 (US).

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

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

(51)⁷ **A47C 1/06**

(11) **WO 01/72176** (13) A1

(21) PCT/US01/09127

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/535,347 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SHAMPOO CHAIR

• FAUTEUIL A SHAMPOOING

(71, 72) **LAUDENSLAYER, Joseph, G.** [US/US]; 107 Fairway Drive, Black Mountain, NC 28711 (US). **BURR, Julia, C.** [US/US]; 90 Fortune Street, Black Mountain, NC 28711 (US).

(74) **HARDAWAY, John, B., III** et al. / etc.; Nexsen Pruet Jacobs & Pollard, LLC, P.O. Box 10107, Greenville, SC 29603 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47C 7/02**

(11) **WO 01/72177** (13) A1

(21) PCT/ES01/00115

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) es (26) es

(30) P 200000791 **30 Mar/mar 2000 ES (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEAT FURNITURE

• MEUBLE POUR S'ASSEOIR

(71) **COROMINAS MACIAS, Néstor** [ES/ES]; Calabria 275, E-08015 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

- (71, 72) **BADIA I FARRE, Jordi** [ES/ES]; Europa 12, E-08028 Barcelona (ES).
- (74) **CURELL SUÑOL, Marcelino** et al. / etc.; Passeig de Gràcia, 65 bis, E-08008 Barcelona (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A47C 7/40, 20/04**
- (11) **WO 01/72178** (13) A1
- (21) PCT/CH01/00169
- (22) **19 Mar/mar 2001 (19.03.2001)**
- (25) de (26) de
- (30) 602/00 **29 Mar/mar 2000 CH (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEVICE FOR ADJUSTING THE COMPONENTS OF A CHAIR
- DISPOSITIF PERMETTANT DE REGLER LES COMPOSANTS D'UNE CHAISE
- (71) **GIROFLEX-ENTWICKLUNGS-AG** [CH/CH]; Landstrasse 45, CH-5322 Koblenz (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BASTAS, Ugur** [TR/CH]; Zelglstrasse 12a, CH-5442 Fislisbach (CH).
- (74) **R.A. EGLI & CO.**; Horneggstrasse 4, Postfach, CH-8034 Zürich (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A47C 19/00**
- (11) **WO 01/72179** (13) A2
- (21) PCT/US01/09679
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 09/536,345 **25 Mar/mar 2000 US (25.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BED FRAME SHIELDS
- ELEMENTS PROTECTEURS DE CADRE DE LIT
- (63) US 09/536,345 (CON)
25 Mar/mar 2000 (25.03.2000)
- (71) **FINGER LAKES INTELLECTUAL PROPERTY, LLC** [US/US]; 592 North Forest, Teaneck, NJ 07666 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **POLEVOY, Richard** [US/US]; 592 North Forest, Teaneck, NJ 07666 (US).
RYAN, Howard, Scott [US/US]; 34 East Lake Street, Skaneateles, NY 13152 (US).
CARLSON, Paul, Eric [US/US]; 2423 Wave Way, Skaneateles, NY 13152 (US).
- (74) **JACKSON, David, A.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A47F 5/00**
- (11) **WO 01/72180** (13) A1
- (21) PCT/US01/00566
- (22) **5 Jan/jan 2001 (05.01.2001)**
- (25) en (26) en
- (30) 09/534,659 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DISPLAY FIXTURE SYSTEM
- SYSTEME SERVANT A FIXER UN PRESENTOIR
- (71) **STAMFORD INVESTMENTS, INC.** [US/US]; Suite 215, 65 E. Palatine Road, Prospect Heights, IL 60070 (US).
- (72) **WOOD, Graham, Robert**; 254 Franklin Road, Glencoe, IL 60022 (US).
- (74) **SHEKLETON, Gerald, T.** et al. / etc.; Welsh & Katz, Ltd., Suite 2200, 120 S. Riverside Plaza, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A47F 5/00**
- (11) **WO 01/72181** (13) A1
- (21) PCT/US01/09612
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,145 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 09/815,525 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MERCHANDISING PANEL DISPLAY SYSTEM
- SYSTEME PRESENTOIR DE MARCHANDISES
- (71) **COMMERCIAL AND ARCHITECTURAL PRODUCTS, INC.** [US/US]; 202 Harger Street, Dover, OH 44622 (US).
- (72) **CHANCE, Kenneth, R.**; 6559 Sandava Avenue, N.W., Canton, OH 44718 (US).
BREYER, Randy; 2256 Oak Tree Drive, N.W., Dover, OH 44622 (US).
BYAR, Peter; 15 Mandolin Lane, Willingboro, NJ (US).
- (74) **CORSO, Joseph, J.** et al. / etc.; Pearne & Gordon LLP, Suite 1200, 526 Superior Avenue East, Cleveland, OH 44114-1484 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **A47G 1/24, B60R 1/02, A47G 1/16**
- (11) **WO 01/72182** (13) A1
- (21) PCT/US01/09563
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,993 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMPRESSION ENHANCED SELF-INTERLOCKING HANGER SYSTEM
- SYSTEME DE SUSPENSION A AUTO-EMBOITEMENT FAVORISE PAR COMPRESSION
- (71, 72) **DELINE, Kenneth, E.** [US/US]; 1720 Lindenwood Drive, Fort Collins, CO 80524 (US).
- (74) **MILES, Craig, R.**; Santangelo Law Offices, P.C., 3rd Floor, 125 South Howes, Fort Collins, CO 80521 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ A47G 25/12

(11) WO 01/72183 (13) A1

(21) PCT/CH01/00094

(22) 13 Feb/fév 2001 (13.02.2001)

(25) de (26) de

(30) 578/00 27 Mar/mar 2000 CH (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STAND FOR A WALKING STICK OR CRUTCHES

• SUPPORT DE CANNE OU DE BE-QUILLES

(71) HANS OETIKER AG MASCHINEN-UND APPARATEFABRIK [CH/CH]; Oberdorfstrasse 21, CH-8812 Horgen (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OETIKER, Hans [CH/CH]; Oberdorfstrasse 21, CH-8812 Horgen (CH).

(74) IRNIGER, Ernst; Troesch Scheidegger Werner AG, Schwäntenmos 14, CH-8126 Zumikon-Zürich (CH).

(81) CA JP US.

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

Published / Publiée : (c)

(51)⁷ A47J

(11) WO 01/72184 (13) A2

(21) PCT/DE01/00957

(22) 13 Mar/mar 2001 (13.03.2001)

(25) de (26) de

(30) 100 14 582.5 27 Mar/mar 2000 DE (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STEAM PRESSURE COOKING POT

• AUTOCUISEUR

(71, 72) NIESE, Ursula [DE/DE]; Vogelsherd 17, 67745 Grumbach (DE).

(74) VIEL, Christof et al. / etc.; Vièl & Vièl, Postfach 65 04 03, 66143 Saarbrücken (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN.

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

(51)⁷ A47J

(11) WO 01/72185 (13) A2

(21) PCT/DE01/00958

(22) 13 Mar/mar 2001 (13.03.2001)

(25) de (26) de

(30) 100 14 766.6 27 Mar/mar 2000 DE (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STEAM PRESSURE COOKER

• AUTOCUISEUR

(71, 72) NIESE, Ursula [DE/DE]; Vogelsherd 17, 67745 Grumbach (DE).

(74) VIEL, Christof et al. / etc.; Vièl & Vièl, Postfach 65 04 03, 66143 Saarbrücken (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN.

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

(51)⁷ A47J 31/00, 31/24

(11) WO 01/72186 (13) A1

(21) PCT/EP01/03598

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) MI2000A000661 30 Mar/mar 2000 IT (30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESS AND APPARATUS FOR FAST PREPARATION OF INFUSIONS AND/OR TISANES

• PROCEDE ET DISPOSITIF POUR PREPARATION RAPIDE D'INFUSIONS ET /OU DE TISANES

(71) BRASILIA S.P.A. [IT/IT]; Strada Provinciale Bressana-Salice, I-27050 Retorbido (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ROSSL, Giampiero [IT/IT]; Via Leonardo da Vinci, 53, I-27055 Rivanazano (IT).

(74) DRAGOTTI, Gianfranco; Dragotti & Associati S.r.l., Galleria San Babila, 4/C, I-20122 Milano (IT) et al. / etc.

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

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

(u) for / pour US only / seulement

(51)⁷ A47J 31/00, 31/40

(11) WO 01/72187 (13) A1

(21) PCT/FR01/00866

(22) 22 Mar/mar 2001 (22.03.2001)

(25) fr (26) fr

(30) 00/03999 28 Mar/mar 2000 FR (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPACT HOT WATER DISPENSING APPARATUS FOR HOT BEVERAGE

• APPAREIL COMPACT DISTRIBUTEUR D'EAU CHAUDE POUR BOISSON CHAUDE

(71, 72) VANNOYE, Michel [FR/FR]; 4, rue du Moulin des deux Croix, F-78860 Saint Nom la Bretèche (FR).

(74) BALLOT, Paul; Cabinet Ballot, 7, rue Le Sueur, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ A47J 31/00

(11) WO 01/72188 (13) A1

(21) PCT/US01/09630

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 09/537,973 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • IN-WALL COFFEE MAKER

• CAFETIERE ENCASTREE

(71, 72) SPENCER, William, L. [US/US]; 159 Hale-Barber Road, Kelso, WA 98626 (US).

(74) JOHNSON, Alexander, C., Jr. et al. / etc.; Marger Johnson & McCollom, P.C., 1030 S.W. Morrison Street, Portland, OR 97205 (US).

(81) CA JP US.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ A47J 31/44

(11) WO 01/72189 (13) A1

(21) PCT/FR01/00863

(22) 22 Mar/mar 2001 (22.03.2001)

(25) fr (26) fr

(30) 00/04179 24 Mar/mar 2000 FR (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ELECTRIC COFFEE MAKER WITH PIVOTING WATER RESERVOIR

• MACHINE A CAFE ELECTRIQUE AVEC UN RESERVOIR D'EAU PIVO-TANT

(71) MOULINEX S.A. [FR/FR]; 22, place des Vosges, F-92979 Paris La Défense (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROLLAND, Jacky** [FR/FR]; Rue du Clos Saint-Joseph, F-14230 Saint Martin de Fontenay (FR).

(74) **BUSQUETS, Jean-Pierre**; 8, rue du Colonel Rémy, F-14052 Caen (FR).

(81) CA US.

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

(51)⁷ **A47J 31/44**

(11) **WO 01/72190** (13) A1

(21) PCT/FR01/00901

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) fr (26) fr

(30) 00/03868 **27 Mar/mar 2000 FR (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **INFUSION MACHINE**

• **MACHINE A INFUSION**

(71) **MOULINEX S.A.** [FR/FR]; 22, place des Vosges, F-92979 Paris La Défense (FR).

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

(71, 72) **ROLLAND, Jacky** [FR/FR]; Rue du Clos Saint-Joseph, F-14230 Saint Martin de Fontenay (FR).

(74) **BUSQUETS, Jean-Pierre**; 8, rue du Colonel Rémy, F-14052 Caen (FR).

(81) CA US.

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

Published / Publiée : (c)

(51)⁷ **A47K 3/06, 3/064**

(11) **WO 01/72191** (13) A1

(21) PCT/AU01/00333

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) PQ 6461 **27 Mar/mar 2000 AU (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **FOLDABLE LIFT BATHTUB**

• **BAIGNOIRE A HAUTEUR REGLABLE PLIABLE**

(71, 72) **LIM, DaeSong** [AU/AU]; 17 Adamson Ave, Thornleigh, Sydney, NSW 2120 (AU).

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

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

(51)⁷ **A47K 10/38**

(11) **WO 01/72192** (13) A1

(21) PCT/US01/09686

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/537,275 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **DISPENSER APPARATUS AND METHOD**

• **APPAREIL DISTRIBUTEUR ET PROCEDE ASSOCIE**

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54957-0349 (US).

(72) **TRAMONTINA, Paul, F.**; 155 Cobblestone Way, Alpharetta, GA 30004 (US). **PHELPS, Stephen, L.**; 600 Daisy Nash Drive, Lilburn, GA 30047 (US).

(74) **DORITY & MANNING, P.A.**; P.O.Box 1449, 700 E. North Street, Suite 15, Greenville, SC 29602 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A47K 11/02, E03D 5/016, 1/00**

(11) **WO 01/72193** (13) A1

(21) PCT/US01/10279

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/540,411 **31 Mar/mar 2000 US (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **COMPACT RECYCLING ELECTRIC DEHYDRATION TOILET**

• **TOILETTES COMPACTES À RECYCLAGE ET DÉSHYDRATATION ÉLECTRIQUE**

(71) **ZEROLET, INC.** [US/US]; 10 Evergreen Drive, Lake Park, FL 33403 (US).

(72) **HAMMOND, Warren, Scott**; 10 Evergreen Drive, Lake Park, FL 33403 (US).

(74) **HALEY, Barry, L.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A47K 13/16**

(11) **WO 01/72194** (13) A1

(21) PCT/PL01/00025

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) P-339398 **31 Mar/mar 2000 PL (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **ONCE-USE-COVER ON TOILET SEAT**
• **COUVERTURE JETABLE POUR SIEGE DE TOILETTES**

(71, 72) **LUKOMSKI, Tomasz** [PL/PL]; ul. Mostowa 26/14, PL-61-854 Poznan (PL).

(81) AU CA CN CZ HU RU SE SI SK UA US YU.

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

Published / Publiée : (c)

(51)⁷ **A47L 1/08**

(11) **WO 01/72195** (13) A1

(21) PCT/US01/09498

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/192,040 **24 Mar/mar 2000 US (24.03.2000)**

(30) 09/689,433 **11 Oct/oct 2000 US (11.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **ADVANCED CLEANING SYSTEM**

• **SYSTEME DE NETTOYAGE AMÉLIORÉ**

(71) **THE CLOROX COMPANY** [US/US]; 1221 Broadway, Oakland, CA 94612 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HALL, Michael, J.** [US/US]; 19 Canyon Court, So. South Francisco, CA 94080 (US).

RADER, James, E. [—/US]; 1781 Beachwood Drive, Pleasanton, CA 94566 (US).

ZHOU, Boli [—/US]; 3005 Terrace View Avenue, Antioch, CA 94509 (US).

HEFTER, Karen, S. [—/US]; 107 Kirkpatrick Drive, San Ramon, CA 94583 (US).

SAYLER, David [—/US]; 8880 N.W. Skyline Road, Portland, OR 97231 (US).

PARK, Eric, Y. [—/US]; 2572 N.W. Pettygrove Street, Portland, OR 97210 (US).

FLAGLER, Robert, W. [—/US]; 2234 Via Espada, Pleasanton, CA 94566 (US).

HAUBRICH, Scott, T. [—/US]; 801 Chetland Road, San Leandro, CA 94577 (US).

MITRA, Shumanta [—/US]; 4637 Sandyford Court, Dublin, CA 94568 (US).

PORTICOS, Richard [—/US]; 1225 So. Springer Road, Los Altos, CA 94024 (US).

(74) **HAYASHIDA, Joel, J.**; The Clorox Company, 1221 Broadway, Oakland, CA 94612 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ **A47L 9/00, 5/30, 11/40, 11/20, 11/282**

(11) **WO 01/72196** (13) A2

(21) PCT/EP01/03612

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 100 16 287.8 **31 Mar/mar 2000 DE (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MOVING STAIRWAY OR SIDEWALK CLEANING DEVICE

● APPAREIL DE NETTOYAGE D'ESCALIER ROULANT ET DE TROTTOIR ROULANT

(71) **GEORG HEFTER MASCHINENBAU** [DE/DE]; Bernauer Strasse 71, 83209 Prien am Chiemsee (DE).

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

(72, 75) **HEFTER, Christian** [DE/DE]; Laubensteinweg 1b, 83209 Prien am Chiemsee (DE). **HEFTER, Leonhard** [DE/DE]; Moosen 6a, 83083 Riedering (DE). **LEIKERMOSER, Dieter** [DE/DE]; Lattenberg 2, 83123 Amarang (DE).

(74) **FLACH, Dieter**; Andrae-Flach-Haug, Adlzreiterstrasse 11, 83022 Rosenheim (DE) et al. / etc.

(81) JP US.

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **A47L 9/22**

(11) **WO 01/72197** (13) A1

(21) PCT/SE01/00504

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 0001070-2 **27 Mar/mar 2000 SE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DEVICE FOR A VACUUM CLEANER
● DISPOSITIF DESTINE A UN ASPIRATEUR

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

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

(72, 75) **CARLSSON, Stefan** [SE/SE]; Hagaholmsvägen 7, S-593 50 Västervik (SE).

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

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

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

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

(51)⁷ **A47L 15/44, D06F 39/02**

(11) **WO 01/72198** (13) A1

(21) PCT/IB01/00481

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) it (26) en

(30) TO2000A000300 **29 Mar/mar 2000 IT (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● WASHING AGENT DISPENSING DEVICE FOR A HOUSEHOLD WASHING MACHINE, IN PARTICULAR A DISHWASHER

● DISPOSITIF DE DISTRIBUTION DE PRODUIT DE LAVAGE POUR UNE MACHINE A LAVER A USAGE DOMESTIQUE, EN PARTICULIER UN LAVE-VAISSELLE

(71) **ELTEK S.P.A.** [IT/IT]; Strada Valenza 5A, I-15033 Casale Monferrato (IT).

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

(72, 75) **CERRUTI, Daniele** [IT/IT]; Viale Stazione 13, I-13040 Fontanetto Po (IT).

(74) **DINI, Roberto**; Via Castagnole 59, I-10060 None (IT).

(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 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A47L 25/00, B08B 7/00**

(11) **WO 01/72199** (13) A1

(21) PCT/SE01/00489

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) sv (26) en

(30) 0001082-7 **28 Mar/mar 2000 SE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND DEVICE FOR CLEANING

● MÉTHODE DE NETTOYAGE ET APPAREIL CORRESPONDANT

(71) **IT-CLEAN I ÅSTORP AB** [SE/SE]; Box 173, S-265 22 Åstorp (SE).

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

(72, 75) **HOLM, Berth** [SE/SE]; Änggatan 25B, S-265 35 Åstorp (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **A61B**

(11) **WO 01/72200** (13) A2

(21) PCT/IL01/00294

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 135371 **30 Mar/mar 2000 IL (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● RESECTOSCOPE
● RESECTOSCOPE

(71) **ROEI MEDICAL TECHNOLOGIES LTD.** [IL/IL]; P.O. Box 12, 12900 Katzrin (IL).

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

(72, 75) **YOSSEPOWITCH, Ofer** [IL/IL]; Hadera Street 19/4, 49726 Petach Tikva (IL).

(74) **JEREMY M. BEN-DAVID & CO. LTD.**; Har Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 Jerusalem (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61B**

(11) **WO 01/72201** (13) A2

(21) PCT/US01/10032

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/193.031 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DEVICE FOR CREATING A NEURAL INTERFACE AND METHOD FOR MAKING SAME

- DISPOSITIF DESTINE A CREER UNE INTERFACE NEURONALE ET PROCEDE DE FABRICATION DE CE DISPOSITIF
- (71) **ARIZONA BOARD OF REGENTS** [US/US]; 2020 North Central Avenue, Suite 230, Phoenix, AZ 85004 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIPKE, Daryl** [US/US]; 2522 South Grandview Avenue, Tempe, AZ 85282 (US). **WILLIAMS, Justin** [US/US]; 2606 South Bonarden Lane, Tempe, AZ 85282 (US). **ROUSCHE, Patrick** [US/US]; 505 West 16th Street, Tempe, AZ 85281 (US). **PELLI-NEN, David, S.** [US/US]; 502 West 19th Street, Tempe, AZ 85281 (US). **PIVIN, David** [US/US]; 3539 East Squawbush Place, Phoenix, AZ 85044 (US).
- (74) **ZEMAN, Laura, J.**; Snell & Wilmer L.L.P., One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004-2202 (US).
- (81) CA 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 **A61B**
- (11) **WO 01/72202** (13) A2
- (21) PCT/US01/40275
- (22) **9 Mar/mar 2001 (09.03.2001)**
- (25) en (26) en
- (30) 09/522,282 **9 Mar/mar 2000** US
(09.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHODS AND APPARATUS FOR BRACHYTHERAPY TREATMENT OF PROSTATE DISEASE
- PROCEDES ET DISPOSITIF DE TRAITEMENT PAR CURIETHERAPIE DE MALADIE DE LA PROSTATE
- (71) **NEOSEED TECHNOLOGY LLC** [US/US]; The Presidio, Old Army Headquarters, Building 220, Suite 120, P.O. Box 29450, San Francisco, CA 94129 (US).
- (72) **HORZEWSKI, Michael, J.**; 6032 Running Springs Road, San Jose, CA 95135 (US). **GREEN, Thomas, C.**; 11071 Arroyo Beach Place, S.W., Seattle, WA 98146 (US). **HOGENDIJK, Michael**; 501 Forest Avenue #904, Palo Alto, CA 94301 (US).
- (74) **PISANO, Nicola, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (q2)
-
- (51)⁷ **A61B**
- (11) **WO 01/72204** (13) A2
- (21) PCT/US01/09390
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/536,076 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR REMOTELY MONITORING AT LEAST ONE PHYSIOLOGICAL CHARACTERISTIC OF A CHILD
- SYSTEME ET PROCEDE POUR SURVEILLER A DISTANCE AU MOINS UNE CARACTERISTIQUE PHYSIOLOGIQUE D'UN ENFANT
- (71) **ILIFE SYSTEMS, INC.** [US/US]; 5910 North Central Expressway, Suite 1775, Dallas, TX 75206 (US).
- (72) **HALLECK, Michael, E.**; 5704 Weld County Road 22, Longmont, CO 80504 (US). **HALLECK, Michael, D.**; 10910 Larry Drive, Northglenn, CO 80233 (US). **LEHRMAN, Michael, L.**; 3012 Cortland Place N.W., Washington, DC 20008 (US).
- (74) **MUNCK, William, A.** et al. / etc.; Novakov 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61B**
- (11) **WO 01/72205** (13) A2
- (21) PCT/US01/09624
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,795 **24 Mar/mar 2000** US
(24.03.2000)
- (30) 60/247,824 **9 Nov/nov 2000** US
(09.11.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR CAPTURING OBJECTS BEYOND AN OPERATIVE SITE UTILIZING A CAPTURE DEVICE DELIVERED ON A MEDICAL GUIDE WIRE
- PROCEDE ET APPAREIL PERMETTANT DE SAISIR DES OBJETS AU-DELA D'UN SITE D'OPERATION AU MOYEN D'UN DISPOSITIF DE PREHENSION SITUE SUR UN CABLE DE GUIDAGE MEDICAL
- (63) US 09/013,178 (CIP)
26 Jan/jan 1998 (26.01.1998)
- (71) **METAMORPHIC SURGICAL DEVICES, LLC** [US/US]; 660 William Pitt Way, Pittsburgh, PA 15238 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CANO, Gerald, G.** [US/US]; 157 Crescent Hills Road, Pittsburgh, PA 15235 (US). **ARNOTT, Richard, J.** [US/US]; 113 Hodil Terrace, Pittsburgh, PA 15238 (US). **LOEBIG, Thomas, G.** [US/US]; 300 Rose Avenue, Pittsburgh, PA 15235 (US).
- (74) **ZIESENHEIM, Frederick, B.** 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 AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP

KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SL (Utility model
/ modèle d'utilité) 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 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 GW ML MR
NE SN TD TG).

(51)⁷ A61B

(11) WO 01/72206 (13) A2

(21) PCT/US01/09771

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,487 27 Mar/mar 2000 US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SURGICAL SUTURING INSTRUMENT
AND METHOD OF USE

• INSTRUMENT CHIRURGICAL DE
SUTURE ET TECHNIQUE D'UTILISA-
TION

(71) ONUX MEDICAL, INC. [US/US]; 5 Mer-
rill Drive, Hampton, NH 03842 (US).

(72) SANCOFF, Gregory, E.; 120 Mill Road,
North Hampton, NH 03862 (US). FIELD,
Frederic, P.; 5 Woodland Road, North Hamp-
ton, NH 03862 (US). FOGG, Douglas, A.; 15
South Pleasant Street, Merrimac, MA 01860
(US). GUYER, Brett; 36 Frost Road, Derry,
NH 03038 (US). RICE, John, T.; 31 Red Rail
Farm, Lincoln, MA 01773 (US).

(74) PANDISCIO, Mark, J.; Pandiscio & Pan-
discio, 470 Totten Pond Road, Waltham, MA
02451-1914 (US).

(81) AU CA IL JP MX.

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

(51)⁷ A61B

(11) WO 01/72207 (13) A2

(21) PCT/US01/09799

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,827 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS AND METHODS FOR
PREVENTING AND/OR HEALING
PRESSURE ULCERS

• APPAREIL ET METHODES PERMET-
TANT DE PREVENIR ET/OU DE GUE-
RIR DES PLAIES DE PRESSION

(71, 72) FLAM, Eric [US/US]; 29 Ainsworth Av-
enue, East Brunswick, NJ 08816 (US). BOD-
INE, Oliver, H. [US/US]; 77 Greene Street,
Huntington, NY 11743 (US). SCHANZER,
Henry, I. [US/US]; 29 Brookfall Road, Edi-
son, NJ 08817 (US).

(74) SCHANZER, Henry, I.; 29 Brookfall Road,
Edison, NJ 08817 (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 EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

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

(51)⁷ A61B

(11) WO 01/72208 (13) A2

(21) PCT/US01/09884

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/193,037 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD, SYSTEM, AND COMPUTER
PROGRAM PRODUCT FOR THE EVAL-
UATION OF GLYCEMIC CONTROL IN
DIABETES FROM SELF-MONITOR-
ING DATA

• PROCEDE, SYSTEME ET PRODUIT
INFORMATIQUE AMELIORANT
L'EXPLOITATION DES DONNEES
DE GLYCEMIE OBTENUES PAR
AUTO-CONTROLE

(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) KOVATCHEV, Boris, P. [BG/US]; 121
Ridge Drive, Amherst, VA 24521 (US). COX,
Daniel, J. [US/US]; 1606 Keith Valley Road,
Charlottesville, VA 22901 (US).

(74) DECKER, Robert, J.; University of Virginia
Patent Foundation, Suite 1-110, 1224 West
Main Street, Charlottesville, VA 22903 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ A61B 1/00

(11) WO 01/72209 (13) A1

(21) PCT/US01/09109

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(30) 09/534,789 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LAPAROSCOPIC INSTRUMENT SYS-
TEM FOR STONE REMOVAL

• SYSTEME POUR INSTRUMENT LAPA-
ROSCOPIQUE SERVANT A EXTRAIRE
DES CALCULS

(71, 72) SCOTT, George, L, III [US/US]; 3103
Diamond A, Roswell, NM 88201 (US).
WENNER, Donald, E. [US/US]; 3600
Kessler Place, Roswell, NM 88201 (US).

(74) HELMREICH, Loren, G.; Browning
Bushman, 5718 Westheimer Road, Suite
1800, Houston, TX 77057 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

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(51)⁷ A61B 1/227

(11) WO 01/72210 (13) A1

(21) PCT/JP01/02181

(22) 19 Mar/mar 2001 (19.03.2001)

(25) ja (26) ja

(30) 2000-88707 28 Mar/mar 2000 JP
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL INSTRUMENT
• INSTRUMENT OPTIQUE

(71, 72) KONDO, Takehito [JP/JP]; 2, Hiroji-
honmachi 5-chome, Showa-ku, Nagoya-shi,
Aichi 466-0841 (JP).

(74) ADACHI, Tsutomu; Nagoyaseni Bldg. 7F,
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Aichi 460-0003 (JP).

(81) JP US.

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

(51)⁷ A61B 3/00, 5/00

(11) WO 01/72211 (13) A1

(21) PCT/AU01/00343

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) PQ 6465 27 Mar/mar 2000 AU
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR AS-
SESSING NEURAL FUNCTION BY
SPARSE STIMULI

• METHODE ET APPAREIL DESTINES
A EVALUER LA FONCTION NEURO-
NALE PAR STIMULI EPARS

(71) THE AUSTRALIAN NATIONAL UNI-
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Capital Territory 0200 (AU).

(for all designated States except / pour tous
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(72, 75) MADDESS, Teddy, Lee [AU/AU]; 71
Florentine Circuit, Kaleen, Australian Capi-
tal Territory 2617 (AU). JAMES, Andrew,

- Charles [AU/AU]; Unit 20, 53 Elimatta Street, Braddon, Australian Capital Territory 2612 (AU).
- (74) **ARGAET, Victor, Peter** et al. / etc.; Davies Collision Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).
- (81) AU CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A61B 3/024**
(11) **WO 01/72212** (13) A1
(21) PCT/US01/09821
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,645 **27 Mar/mar 2000 US (27.03.2000)**
(30) 60/204,362 **15 May/mai 2000 US (15.05.2000)**
(30) 60/250,901 **1 Dec/déc 2000 US (01.12.2000)**
(30) 60/251,957 **7 Dec/déc 2000 US (07.12.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **COMPUTER-BASED 3D VISUAL FIELD TEST SYSTEM AND ANALYSIS**
● **SYSTEME INFORMATISE DE TEST ET D'ANALYSE DE CHAMP VISUEL EN TROIS DIMENSIONS**
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Blvd., Mail Stop 201-85, Pasadena, CA 91125 (US).
- (72) **FINK, Wolfgang**; 410 Euclid Avenue, #8, Pasadena, CA 91101 (US). **SADUN, Alfredo, A.**; 2478 Adair Street, San Marino, CA 91108 (US).
- (74) **GREEN, Robert, A.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 3/10, 8/10**
(11) **WO 01/72213** (13) A1
(21) PCT/US01/09098
(22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 09/535,410 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **EYE MEASUREMENT SYSTEM**
● **APPAREIL DE MESURE DE L'OEIL**
- (71) **BAUSCH & LOMB SURGICAL, INC.** [US/US]; 555 West Arrow Highway, Claremont, CA 91711 (US).
- (72) **BROADUS, Charles, R.**; 16332 110th Avenue NE, Bothell, WA 98011 (US). **TURNER, Timothy, N.**; 2558 West 6830 South, West Jordan, UT 84084 (US).
- (74) **SMITH, Michael, L.** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604-2701 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **A61B 5/00, 1/303**
(11) **WO 01/72214** (13) A1
(21) PCT/GR01/00017
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 20000100102 **28 Mar/mar 2000 GR (28.03.2000)**
(30) 09/739,089 **15 Dec/déc 2000 US (15.12.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **METHOD AND SYSTEM FOR CHARACTERIZATION AND MAPPING OF TISSUE LESIONS**
● **PROCEDE ET SYSTEME DE CARACTERISATION ET DE CARTOGRAPHIE DE LESIONS DE TISSU**
- (71) **FOUNDATION FOR RESEARCH AND TECHNOLOGY-HELLAS** [GR/GR]; Vasilika Vouton, P.O. Box 1527, GR-711 10 Heraklion (GR).
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- (71, 72) **BALAS, Konstantinos** [GR/GR]; 12 Zaharioudaki Street, GR-713 05 Heraklion (GR).
- (72, 75) **PELECOUDAS, Demetrios** [GR/GR]; 29-35 Mezonos Street, GR-262 23 Patras (GR).
- (74) **ARGYRIADIS, Korinna**; 14 Sina Street, GR-106 72 Athens (GR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/00, G01N 1/30**
(11) **WO 01/72215** (13) A1
(21) PCT/US01/10156
- (22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,541 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **ENHANCING CONTRAST IN BIOLOGICAL IMAGING**
● **AMELIORATION DU CONTRASTE EN IMAGERIE BIOLOGIQUE**
- (63) US 60/192,541 (CON) 28 Mar/mar 2000 (28.03.2000)
- (71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RICHARDS-KORTUM, Rebecca, R.** [US/US]; 6410 Walebridge Lane, Austin, TX 78739-1569 (US). **ZULUAGA, Andrés, F.** [US/US]; 130 Bowdoin Street, Apt 1808, Boston, MA 02108 (US). **SMITHPETER, Colin** [US/US]; 30 Juniper Loop NE, Albuquerque, NM 87122 (US). **COLLIER, Tom** [US/US]; 4705 Ramsey Ave., Austin, TX 78756 (US). **DREZEK, Rebekah** [US/US]; 3207 Groom St. #1, Austin, TX 78705 (US).
- (74) **BARRETT, Michael, C.**; Fulbright & Jaworski, L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/00**
(11) **WO 01/72216** (13) A2
(21) PCT/US01/10366
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,542 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **METHODS AND APPARATUS FOR DIAGNOSTIC MULTISPECTRAL DIGITAL IMAGING**
● **PROCEDES ET DISPOSITIFS D'IMAGERIE NUMERIQUE DIAGNOSTIQUE MULTISPECTRALE**
- (63) US 60/192,542 (CON) 28 Mar/mar 2000 (28.03.2000)
- (71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th St., Austin, TX 78701 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UTZINGER, Urs** [US/US]; 1905 Redlands, Austin, TX 78757 (US). **RICHARDS-KORTUM, Rebecca, R.**

[US/US]; 6410 Walebridge Lane, Austin, TX 78739-1569 (US). **MACAULAY, Calum** [US/US]; 601, W. 10th Avenue, Vancouver, British Columbia V5Z 1L3 (CA). **FOLLEN, Michele** [US/US]; 1515 Holcombe Blvd. Box 193, Houston, TX 77030 (US).

(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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61B 5/00**

(11) **WO 01/72217** (13) A1

(21) PCT/US01/02189

(22) **23 Jan/jan 2001 (23.01.2001)**

(25) en (26) en

(30) 09/534,545 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MEASURING COGNITIVE IMPAIRMENT
• MESURE DE LA DEFICIENCE INTELLECTUELLE

(71) **PANMEDIX INCORPORATED** [US/US]; 2nd floor, 15 Maiden Lane, New York, NY 10038 (US).

(72) **THEODORACOPULOS, Alexis**; 155 East 73rd Street, New York, NY (US). **KAPLAN, Darin**; 2nd floor, 15 Maiden Lane, New York, NY 10038 (US). **SHCHOGOLEV, Vladislav**; 1868 East 29th Street, Brooklyn, NY 11229 (US). **ERLANGER, David**; Apartment 9F, 139 West 82nd Street, New York, NY (US). **YEE, Philip**; Apartment 26, 151 Mott Street, New York, NY 10013 (US). **COMRIE, McDonald**; 20 Bay Street Landing, Staten Island, NY (US).

(74) **POHL, Mark**; Pohl & Associates LLP, Pharmaceutical Patent Attorneys, 4th floor, 55 Madison Avenue, Morristown, NJ 07960 (US).

(81) AU CA CH CZ IL JP KR SG.

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(51)⁶ **A61B 5/00**

(11) **WO 01/72218** (13) A1

(21) PCT/US01/09240

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/536,104 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SENSOR AND METHOD FOR DETECTING VERY LOW FREQUENCY ACOUSTIC SIGNALS

• PROCEDE ET CAPTEUR POUR DETECTER DES SIGNAUX ACOUSTIQUES DE TRES BASSE FREQUENCE

(71) **ILIFE SYSTEMS, INC.** [US/US]; Suite 1775, 5910 North Central Expressway, Dallas, TX 75206 (US).

(72) **HALLECK, Michael, E.**; 5704 Weld County Road 22, Longmont, CO 80504 (US). **HALLECK, Michael, D.**; 10910 Larry Drive, Northglenn, CO 80233 (US). **LEHRMAN, Michael, L.**; 3012 Cortland Place N.W., Washington, DC 20008 (US).

(74) **MUNCK, William, A.** et al. / etc.; Novakov 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A61B 5/00**

(11) **WO 01/72219** (13) A1

(21) PCT/US01/09245

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,910 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LASER PROBES FOR DRUG PERMEATION

• SONDES LASER POUR PERMEATION MEDICAMENTEUSE

(71, 72) **FLOCK, Stephen, T.** [US/AU]; 17 Gillards Road, Mt. Eliza, VIC 3930 (AU). **MARCHITTO, Kevin, S.** [US/AU]; 127 Bellbird Road, Mt. Eliza, VIC 3930 (AU).

(74) **ADLER, Benjamin, A.**; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61B 5/00, 10/00**

(11) **WO 01/72220** (13) A1

(21) PCT/US01/09673

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/536,235 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR SAMPLING AND ANALYZING INTERSTITIAL FLUID AND WHOLE BLOOD SAMPLES

• PROCEDE ET DISPOSITIF POUR L'ECHANTILLONNAGE ET L'ANALYSE DE PRELEVEMENTS DE LIQUIDE INTERSTITIEL ET DE SANG ENTIER

(71) **USF FILTRATION AND SEPARATIONS GROUP, INC.** [US/US]; 2118 Greenspring Drive, Timonium, MD 21093 (US).

(72) **HODGES, Alastair, McIndoe**; 11752 Westview Parkway, Apartment 6, San Diego, CA 92126 (US). **CHATELIER, Ron**; 11816 Westview Parkway, Apartment 174, San Diego, CA 92126 (US). **CHAMBERS, Garry**; 11782 Westview Parkway, Apartment 84, San Diego, CA 92126 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61B 5/03**

(11) **WO 01/72221** (13) A1

(21) PCT/US01/09706

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(25) en (26) en

(30) 60/192,172 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS FOR MEASURING ESOPHAGEAL SPHINCTER COMPLIANCE

• APPAREIL PERMETTANT DE MESURER LA COMPLIANCE DU SPHINCTER OESOPHAGIEN

(71) **WILSON-COOK MEDICAL INC.** [US/US]; 4900 Bethania Station Road, P.O.

Box 4191, Winston-Salem, NC 27115-4191 (US). **SHAKER, Reza** [—/US]; 1340 Pineview Court, Brookfield, WI 53045 (US).

- (74) **AGNEW, Charles, W.**; P.O. Box 2269, Bloomington, IN 47402-2269 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/103**
- (11) **WO 01/72222** (13) A1
(21) PCT/FR01/00605
(22) **1 Mar/mar 2001 (01.03.2001)**
(25) fr (26) fr
(30) 00/03777 **24 Mar/mar 2000 FR (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **NON-INVASIVE MEASUREMENT OF SKIN BILIRUBIN LEVEL**
• **MESURE NON INVASIVE DU TAUX DE BILIRUBINE DE LA PEAU**
- (71) **MEDICK S.A.** [FR/FR]; 30, rue Georges Boucher, F-95480 Pierrelaye (FR). (*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **DICK, Jean-Michel** [FR/FR]; Medick S.A., 30, rue Georges Boucher, F-95480 Pierrelaye (FR).
- (74) **LERNER, François** et al. / etc.; Lerner & Associes, 5, rue Jules Lefebvre, F-75009 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/11**
- (11) **WO 01/72223** (13) A2
(21) PCT/US01/09811
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 09/536,834 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **FORCE MEASURING DEVICE AND METHOD**
• **DISPOSITIF ET PROCEDE POUR LA MESURE DE LA FORCE**
- (71) **SAN DIEGO STATE UNIVERSITY FOUNDATION** [US/US]; Gateway Center Building, 5250 Campanile Drive, San Diego, CA 92182-1998 (US).
- (72) **POZOS, Robert, S.**; 1231 Catalina Boulevard, San Diego, CA 92107 (US). **AGRAZ, Jose, L.**; 8722 Villa La Jolla Drive, #101, La Jolla, CA 92037 (US).
- (74) **AXFORD, Laurie, A.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/117, G06K 9/62**
- (11) **WO 01/72224** (13) A1
(21) PCT/SE01/00638
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) sv (26) en
(30) 0001056-1 **24 Mar/mar 2000 SE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **AN ARRANGEMENT AND A METHOD FOR CHECKING THE IDENTITY OF A PERSON**
• **SYSTEME ET PROCEDE DE VERIFICATION DE L'IDENTITE D'UNE PERSONNE**
- (71, 72) **FERNLUND, Wolf** [SE/SE]; Riddargatan 19, S-114 57 Stockholm (SE).
- (74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmgatan 58, S-114 50 Stockholm (SE).
- (81) AE AG AL AM AT AU (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 DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61B 5/15, G01N 33/50 // 33/66**
- (11) **WO 01/72225** (13) A1
(21) PCT/DK01/00180
(22) **16 Mar/mar 2001 (16.03.2001)**
(25) en (26) en
(30) PA 2000 00495 **24 Mar/mar 2000 DK (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **A DISPOSABLE LANCET COMBINED WITH A REAGENT CARRYING STRIP AND A SYSTEM FOR EXTRACTING AND ANALYSING BLOOD IN THE BODY UTILIZING SUCH A DISPOSABLE LANCET**
• **LANCETTE JETABLE COMBINEE A UNE BANDE PORTANT UN REACTIF ET SYSTEME SERVANT A EXTRAIRE ET A ANALYSER DU SANG CORPOREL AU MOYEN DE CETTE LANCETTE JETABLE**
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).
- (72) **KLITMOSE, Lars, Peter**; Garderhøjvej 20B, DK-2820 Gentofte (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A61B 6/04, A61G 13/04**
- (11) **WO 01/72226** (13) A1
(21) PCT/SE01/00687
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 0001117-1 **29 Mar/mar 2000 SE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **SURGICAL TABLE WITH DISPLACEMENT ARRANGEMENT**
• **TABLE CHIRURGICALE DOTEE D'UN DISPOSITIF DE DEPLACEMENT**
- (71) **STILLE SURGICAL AB** [SE/SE]; Box 49300, S-100 29 Stockholm (SE). (*for all designated States except / pour tous les États désignés sauf US*)
- (72, 75) **ZACHRISSON, Björn** [SE/SE]; Almsättersvägen 3, S-192 76 Sollentuna (SE).
- (74) **EHRNER & DELMAR PATENTBYRÅ AB**; Box 103 16, S-100 55 Stockholm (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ A61B 7/00

(11) WO 01/72227 (13) A1

(21) PCT/US01/09346

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 09/534,813 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS AND METHOD FOR DETECTING VERY LOW FREQUENCY ACOUSTIC SIGNALS

• DISPOSITIF ET PROCÉDE DE DETECTION DE SIGNAUX ACOUSTIQUES DE TRES BASSE FREQUENCE

(71) ILIFE SYSTEMS, INC. [US/US]; 5910 North Central Expressway, Suite 1775, Dallas, TX 75206 (US).

(72) HALLECK, Michael, E.; 5704 Weld County Road 22, Longmont, CO 80504 (US). HALLECK, Michael, D.; 10910 Larry Drive, Northglenn, CO 80233 (US). LEHRMAN, Michael, L.; 3012 Cortland Place N.W., Washington, DC 20008 (US).

(74) MUNCK, William, A. et al. / etc.; Novakov 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ A61B 7/04, H04R 29/00

(11) WO 01/72228 (13) A1

(21) PCT/US01/09546

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 09/536,093 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PHYSIOLOGICAL CONDITION MONITORS UTILIZING VERY LOW FREQUENCY ACOUSTIC SIGNALS

• APPAREILS DE SURVEILLANCE DE CONDITION PHYSIOLOGIQUE UTILISANT DES SIGNAUX ACOUSTIQUES A TRES BASSE FREQUENCE

(71) ILIFE SYSTEMS, INC. [US/US]; 5910 North Central Expressway, Suite 1775, Dallas, TX 75206 (US).

(72) HALLECK, Michael, E.; 5704 Weld County Road #22, Longmont, CO 80504 (US). HALLECK, Michael, D.; 10910 Larry Drive, Northglenn, CO 80233 (US). LEHRMAN, Michael, L.; 3012 Cortland Place N.W., Washington, DC 20008 (US). OWENS, Alan, R.; 1524 South Terry Street, Longmont, CO 80501 (US).

(74) MUNCK, William, A. et al. / etc.; Novakov 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ A61B 10/00, 5/05, 1/303, 17/425, A61D 17/00

(11) WO 01/72229 (13) A1

(21) PCT/DE01/01061

(22) 20 Mar/mar 2001 (20.03.2001)

(25) de (26) de

(30) 100 14 350.4 24 Mar/mar 2000 DE (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR DIAGNOSTICALLY DETECTING THE RECEPTIVITY OF THE UTERUS EPITHELIUM

• PROCÉDE ET DISPOSITIF POUR LA DETERMINATION, A TITRE DIAGNOSTIQUE, DE LA RECEPTIVITE DE L'EPITHELIUM DE L'UTERUS

(71) MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V. [DE/DE]; Hofgartenstrasse 8, 80539 München (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) DENKER, Hans-Werner [DE/DE]; Universitätsklinikum Essen, Hufelandstrasse 55, 45122 Essen (DE). THIE, Michael [DE/DE]; Universitätsklinikum Essen, Hufelandstrasse 55, 45122 Essen (DE). TINEL, Hanna [DE/DE]; Max-Planck-Institut für molekulare Physiologie, Otto-Hahn-Strasse 11, 44227 Dortmund (DE).

(74) NOBBE, Matthias; Vierung, Jentschura & Partner, Centroallee 263, 46047 Oberhausen (DE).

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

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)⁷ A61B 10/00

(11) WO 01/72230 (13) A1

(21) PCT/US01/03093

(22) 31 Jan/jan 2001 (31.01.2001)

(25) en (26) en

(30) 09/537,653 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UTERINE SAMPLER

• DISPOSITIF DE PRELEVEMENT UTERIN

(71) APPLE MEDICAL CORPORATION [US/US]; Unit 135, 28 Lord Road, Marlboro, MA 01752 (US).

(72) SCHAEFER, Robert, W.; 93 Nashaway Road, Bolton, MA 01740 (US). PULFORD, John, C.; 67 Northwoods Road, Groton, MA 01450 (US).

(74) SACKS, Stanley; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ A61B 17/00

(11) WO 01/72231 (13) A2

(21) PCT/EP01/03195

(22) 20 Mar/mar 2001 (20.03.2001)

(25) en (26) en

(30) 09/535,234 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR POSITIONING A DIAGNOSTIC OR THERAPEUTIC ELEMENT ON BODY TISSUE AND MASK ELEMENT FOR USE WITH SAME

• PROCÉDE ET APPAREIL PERMETTANT DE POSITIONNER UN ELEMENT DIAGNOSTIQUE OU THERAPEUTIQUE SUR UN TISSU CORPOREL ET ELEMENT MASQUE UTILISE AVEC CET ELEMENT

(71) BOSTON SCIENTIFIC LIMITED [IE/BB]; Financial Services Centre, P.O.

Box 111, Bishop's Court Hill, St. Michael (BB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SWANSON, David, K.** [US/US]; 1458 Ridgeley Drive, Campbell, CA 94040 (US).

(74) **VIERING, JENTSCHURA & PARTNER;** P.O. Box 22 14 43, 80504 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61B 17/11**

(11) **WO 01/72232** (13) A1

(21) PCT/IB01/00490

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) BO2000A000169 **28 Mar/mar 2000 IT (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AN APPARATUS AND METHOD FOR ANASTOMOSIS

• APPAREIL ET PROCEDE D'ANASTOMOSE

(71) **NEW AGE CONSTRUCTIONS AND ENGINEERING S.P.A.** [IT/IT]; Via Marziale, 25, I-40128 Bologna (IT).

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

(72, 75) **BORGHI, Enzo** [IT/IT]; Via L. Romagnoli, 15, I-40054 Budrio (IT).

(74) **LANZONI, Luciano;** Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (IT).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61B 17/86, A61F 2/08, A61L 31/00**

(11) **WO 01/72233** (13) A1

(21) PCT/EP01/00862

(22) **26 Jan/jan 2001 (26.01.2001)**

(25) de (26) de

(30) 100 14 617.1 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTERFERENCE SCREW MADE OF BONE MATERIAL

• VIS D'INTERFERENCE EN MATIERE OSSEUSE

(71) **TUTOGEN MEDICAL GMBH** [DE/DE]; Industriestrasse 6, 91077 Neunkirchen am Brand (DE).

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

(72, 75) **LÖWEL, Matthias** [DE/DE]; Kleinreutherweg 57, 90408 Nürnberg (DE). **LAN-DIS, Klaus** [DE/DE]; Hauptstrasse 115, 90562 Heroldsberg (DE). **KOSCHATZKY, Karl** [DE/DE]; Nötherstrasse 25, 91058 Erlangen (DE).

(74) **MANITZ, FINSTERWALD & PARTNER GBR;** Postfach 22 16 11, 80506 München (DE).

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

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

(51)⁷ **A61B 18/14**

(11) **WO 01/72234** (13) A1

(21) PCT/EP01/03196

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/536,095 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LOOP STRUCTURE FOR POSITIONING A DIAGNOSTIC OR THERAPEUTIC ELEMENT ON THE EPICARDIUM OR OTHER ORGAN SURFACE

• STRUCTURE A BOUCLE DESTINEE AU POSITIONNEMENT D'UN ELEMENT DIAGNOSTIQUE OU THERAPEUTIQUE SUR L'EPICARDE OU SUR TOUTE AUTRE SURFACE D'UN ORGAN

(71) **BOSTON SCIENTIFIC LIMITED** [IE/BB]; Financial Services Centre, P.O. Box 111, Bishop's Court Hill, St. Michael (BB).

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

(72, 75) **THOMPSON, Russell, B.** [US/US]; 123 West Portola Avenue, Los Altos, CA 94022 (US).

(74) **VIERING, JENTSCHURA & PARTNER;** Postfach 22 14 43, 80504 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61C 5/06, 5/04, A61M 5/24**

(11) **WO 01/72235** (13) A1

(21) PCT/AU01/00359

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) PQ 6609 **31 Mar/mar 2000 AU (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A DENTAL CARTRIDGE

• CARTOUCHE DENTAIRE

(71) **SDI LIMITED** [AU/AU]; 5-9 Brunson Street, Bayswater, VIC 3153 (AU).

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

(72, 75) **CHEETHAM, Joshua, James** [AU/AU]; 9 Bates Street, East Malvern, VIC 3145 (AU).

(74) **LORD, Kelvin;** Lord and Company, 4 Douro Place, West Perth, W.A. 6005 (AU).

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

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

(51)⁷ **A61C 15/04, 19/05**

(11) **WO 01/72236** (13) A1

(21) PCT/MX00/00016

(22) **28 Mar/mar 2000 (28.03.2000)**

(25) es (26) es

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DENTAL CONTACT MARKER

• MARQUEUR DE CONTACT DENTAIRE

(71, 72) **TERMINEL VALDEZ, Jorge** [MX/MX]; Altata No.51 desp. 603, Col. Hipodromo de la Condesa, México, D.F. 06100 (MX).

(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 (Utility model / modèle d'utilité) 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.

(51)⁷ **A61F**

(11) **WO 01/72237** (13) A2

(21) PCT/US01/07250

- (22) **7 Mar/mar 2001 (07.03.2001)**
(25) en (26) en
(30) 09/537,157 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● PANTS-TYPE DIAPER AND METHOD
● COUCHE DE TYPE CULOTTE ET PROCEDE
(71) **JOA, CURT G., INC.** [US/US]; 100 Crocker Avenue, P.O. Box 903, Sheboygan Falls, WI 53085-0903 (US).
(72) **McCABE, John, A.**; 1141 Partridge Run, Sheboygan Falls, WI 53085 (US). **NEHRLICH, Richard, J.**; W3979 Primrose Lane, Elkhart Lake, WI 53020 (US). **DAHMER, Bradley, M.**; 4023 North 50 Street, Sheboygan, WI 53081 (US).
(74) **RYAN, Daniel, D.** et al. / etc.; P.O. Box 26618, Milwaukee, WI 53226 (US).
(81) CA PL.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)⁷ **A61F 2/00**
(11) **WO 01/72238** (13) A2
(21) PCT/US01/09571
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/191,932 **24 Mar/mar 2000 US (24.03.2000)**
(30) 09/616,411 **14 Jul/juil 2000 US (14.07.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) ● DEVICES AND METHODS FOR TREATING E.G. URINARY STRESS INCONTINENCE
● DISPOSITIFS ET METHODES PERMETTANT DE TRAITER ENTRE AUTRES L'INCONTINENCE URINAIRE D'EFFORT
(71) **SURGICAL CONNECTIONS, INC.** [US/US]; 15002 University Extension, N.W., Andover, MN 55304 (US).
(72) **HOVLAND, Claire, T.**; c/o Surgical Connections, Inc., 15002 University Extension, N.W., Andover, MN 55304 (US). **ABRAMS, Jerome, H.**; c/o Surgical Connections, Inc., 15002 University Extension, N.W., Andover, MN 55304 (US). **ROBINSON, Paul, J.**; c/o Surgical Connections, Inc., 15002 University Extension, N.W., Andover, MN 55304 (US).
(74) **HEINZ, William, M., III**; Dicke, Billig & Czaja, P.A., 701 Building, Suite 1250, 701 Fourth Avenue South, Minneapolis, MN 55415 (US).
(81) CA JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)⁷ **A61F 2/06**
(11) **WO 01/72239** (13) A2
(21) PCT/IL01/00284
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en

- (30) 09/534,968 **27 Mar/mar 2000 US (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● NARROWING IMPLANT
● IMPLANT DE RETRECISSEMENT
(71) **NEOVASC, INC.** [US/US]; c/o Benjamin J. Waltuch, Greenberg Traurig, LLP, 200 Park Avenue, 15th Floor, New York, NY 10166 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SHALEV, Ilan** [IL/IL]; 3 Tiber Street, 53415 Givataim (IL). **TSEHORI, Jonathan** [IL/IL]; 21 Hakabaim Street, 52255 Ramat Gan (IL). **DARVISH, Nissim** [IL/IL]; P.O. Box 104, 30850 Tzrufa (IL).
(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, LTD., P.O. Box 10256, 49002 Petach Tikva (IL).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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- (51)⁷ **A61F 2/06**
(11) **WO 01/72240** (13) A1
(21) PCT/US01/07763
(22) **12 Mar/mar 2001 (12.03.2001)**
(25) en (26) en
(30) 09/535,600 **27 Mar/mar 2000 US (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● REPOSITIONABLE AND RECAPTURABLE VASCULAR STENT/GRAFT
● ENDOPROTHESE/GREFFE VASCULAIRE REPOSITIONABLE ET RECUPERABLE
(71) **AGA MEDICAL CORPORATION** [—/US]; 682 Mendelssohn Avenue, Golden Valley, MN 55427 (US).
(72) **AMPLATZ, Kurt**; 10 Evergreen Road, St. Paul, MN 55127 (US). **AFREMOV, Michael**; 1664 Virginia Avenue South, St. Louis Park, MN 55426 (US).
(74) **DIETZ, Paul, T.**; Nikolai, Mersereau & Dietz, P.A., 900 Second Avenue South, Suite #820, Minneapolis, MN 55402-3325 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(BF BJ CF CG CI CM GA GN 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

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- (51)⁷ **A61F 2/08**
(11) **WO 01/72241** (13) A1
(21) PCT/US01/09079
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 60/191,999 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● LIGAMENT REPLACEMENT CONSTRUCTS AND METHODS FOR PRODUCTION AND USE THEREOF
● CONSTRUCTIONS DE REMPLACEMENT DE LIGAMENT ET LEURS PROCEDES DE PRODUCTION ET D'UTILISATION
(71) **DREXEL UNIVERSITY** [US/US]; 32nd and Chestnut Streets, Philadelphia, PA 19104 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **LAURENCIN, Cato, T.** [US/US]; 1001 Valley Road, Elkins Park, PA 19027-3032 (US). **COOPER, James, A.** [US/US]; 8272 Fayette Street, Philadelphia, PA 19150-2002 (US). **KO, Frank, K.** [US/US]; 5144 Castor Avenue, Philadelphia, PA 19124-1741 (US). **LU, Helen, H.** [US/US]; 2200 Benjamin Franklin Parkway, Apartment 1110, Philadelphia, PA 19130-3601 (US).
(74) **LICATA, Jane, Massey** et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

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- (51)⁷ **A61F 2/14**
(11) **WO 01/72242** (13) A1
(21) PCT/US01/09593
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/192,509 **28 Mar/mar 2000 US (28.03.2000)**
(30) 09/815,331 **23 Mar/mar 2001 US (23.03.2001)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● INTEGRATED RIGID FIXATION ORBITAL EXPANDER

- EXTENSEUR ORBITAL A FIXATION RIGIDE INTEGREE
- (71) **THE UNIVERSITY OF MIAMI** [US/US]; Suite 906, 1400 N.W. 10th Avenue, Miami, FL 33136 (US).
- (72) **TSE, David, T.**; 2850 Hunter Road, Weston, FL 33331-3011 (US).
- (74) **ECCLESTON, Lynn, E.** et al. / etc.; Pillsbury Winthrop LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).
- (81) CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **A61F 2/16**(11) **WO 01/72243** (13) A1

(21) PCT/US01/09443

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/191,836 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A TEMPORARY REFRACTIVE INTRAOCULAR LENS, AND METHODS OF USE

- LENTILLE INTRAOCULAIRE PROVISoire DE REFRACTION ET SES PROCEDES D'UTILISATION

(63) US 60/191,836 (CIP)
24 Mar/mar 2000 (24.03.2000)(71, 72) **SUNALP, Murad, A.** [US/US]; P.O. Box 1018, Three Rivers, CA 93271 (US). **SORGENTE, Nino** [US/US]; 920-A Calle Negocio, San Clemente, CA 92673 (US).(74) **FITTING, Thomas**; Attorney at Law, Suite 300, 12526 High Bluff Drive, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61F 2/28, A61B 17/80, A61L 27/24**(11) **WO 01/72244** (13) A1

(21) PCT/EP01/00936

(22) **29 Jan/jan 2001 (29.01.2001)**

(25) de (26) de

(30) 100 14 616.3 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • IMPLANT FOR CRANIOPLASTICS
• IMPLANT POUR CRANOPLASTIE(71) **TUTOGEN MEDICAL GMBH** [DE/DE]; Industriestrasse 6, 91077 Neunkirchen am Brand (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **KOSCHATZKY, Karl** [DE/DE]; Nötherstrasse 25, 91058 Erlangen (DE). **LÖWEL, Matthias** [DE/DE]; Kleinreuther Weg 57, 90408 Nürnberg (DE).(74) **MANITZ, FINSTERWALD & PARTNER GBR**; Postfach 22 16 11, 80506 München (DE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61F 2/38**(11) **WO 01/72245** (13) A2

(21) PCT/US01/10588

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,966 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SPEED-ADAPTIVE AND PATIENT-ADAPTIVE PROSTHETIC KNEE

- PROTHESE DE GENOU ADAPTABLE A LA VITESSE ET ADAPTABLE AU PATIENT

(71) **MASSACHUSETTS INSTITUTE OF TECHNOLOGY** [US/US]; 77 Massachusetts Avenue, Cambridge, MA 02139-4307 (US).(72) **HERR, Hugh, M.**; 69 Concord Avenue, #3, Somerville, MA 02143 (US). **WILKENFELD, Ari**; 259 Saint Paul Street, Brookline, MA 02446 (US). **BLECK, Olaf**; 8 Spouting Horn Road, Nahant, MA 01908 (US).(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, LLP, 16th Floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model

/ modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A61F 2/44, 2/30, 2/46**(11) **WO 01/72246** (13) A1

(21) PCT/EP01/03611

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 200 05 958.0 **31 Mar/mar 2000 DE (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VARIABLE-HEIGHT VERTEBRAL IMPLANT

- IMPLANT DE CORPS VERTEBRAL DE HAUTEUR VARIABLE

(71) **KÖNIGSEE IMPLANTATE UND INSTRUMENTE ZUR OSTEOSYN- THESE GMBH** [DE/DE]; Am Sand, 07426 Königsee/Aschau (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BÖHM, Heinrich** [DE/DE]; Zum Wilden Graben 24, 99425 Weimar (DE). **BUSCH, Thomas** [DE/DE]; In der Flecke 22, 07422 Bad Blankenburg (DE). **ORSCHLER, Erich** [DE/DE]; Herrnmühle, 95466 Kirchenpingarten (DE).(74) **KRUSPIG, Volkmar** et al. / etc.; Meissner, Bolte & Partner, Widemayerstrasse 48, 80538 München (DE).

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

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

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

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

(51)⁷ **A61F 5/00**(11) **WO 01/72247** (13) A1

(21) PCT/GB01/01292

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007145.6 **24 Mar/mar 2000 GB (24.03.2000)**(30) 09/690,693 **16 Oct/oct 2000 US (16.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR RELIEF OF ANAL PAIN
• DISPOSITIF PERMETTANT DE SOULAGER UNE DOULEUR ANALE(71) **BEHIVE LIMITED** [GB/GB]; 10 Burney Bit, Pamber Heath, Basingstoke, Hampshire RG26 3TN (GB).

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

(72, 75) **HOLLAND, Graham, Michael** [GB/GB]; 308 Abbey Road, Popley 4, Basingstoke, Hampshire RG24 9EH (GB).

(74) **WOLFF, Francis, Paul**; UDL Thames Valley, 1 Richfield Place, Richfield Avenue, Reading RG1 8EQ (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61F 5/44, F16K 7/04, 35/02**

(11) **WO 01/72248** (13) A1

(21) PCT/IL01/00280

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/536,604 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CATHETER VALVE
• SOUPAPE DE CATHETER

(71) **EUMEDICALTECH LTD.** [IL/IL]; Maskit Street 22, P.O. Box 12416, 46733 Herzlia (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ESHEL, Uzi** [IL/IL]; Ahi-Dakar Street 28, 46702 Herzlia (IL).

(74) **G. E. EHRlich (1995) LTD.**; Bezalel Street 28, 52521 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61F 7/02**

(11) **WO 01/72249** (13) A1

(21) PCT/IL01/00288

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0007735.4 **31 Mar/mar 2000 GB (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A HEATING DEVICE FOR HEATING A PATIENT'S BODY

• DISPOSITIF DE CHAUFFAGE DESTINE AU RECHAUFFAGE DU CORPS D'UN PATIENT

(71) **HTTP-HYPOTHERMIA THERAPY LTD.** [IL/IL]; 11 Even Shmuel, 97234 Jerusalem (IL).

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

(72, 75) **BIKOVSKY, David** [IL/IL]; 19 Hamata Street, D.N. East Benjamin, 90627 Ofra (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61F 13/08**

(11) **WO 01/72250** (13) A1

(21) PCT/GB01/01212

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0007579.6 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPRESSION BANDAGE
• BANDAGE DE COMPRESSION

(71) **NEOPRESS LIMITED** [GB/GB]; Quorn House, 21 Station Road, Hinckley, Leicestershire LE10 1AW (GB).

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

(72, 75) **BENNETT, Paul** [GB/GB]; Cross Keys Cottage, Rugby Road, Swinford, Leicestershire LE17 6BN (GB). **CRACKNELL, Ian, Douglas** [GB/GB]; Manor Lodge, Ashby Road, Stapleton, Leicestershire LE9 8JD (GB).

(74) **MARSHALL, John, Grahame**; Serjeants, 25 The Crescent, King Street, Leicester LE1 6RX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61F 13/15, 13/537, 13/512**

(11) **WO 01/72251** (13) A1

(21) PCT/US01/09104

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/535,024 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CO-APERTURED SYSTEMS FOR HYGIENIC PRODUCTS

• SYSTEMES A OUVERTURE COMMUNE POUR PRODUITS D'HYGIENE

(71) **KIMBERLY-CLARK WORLDWIDE, INC.** [US/US]; 401 N. Lake Street, Neenah, WI 54956 (US).

(72) **BRAVERMAN, Jaime**; 211 Colonial Home Drive, Apt 2301, Atlanta, GA 30309 (US).

COLMAN, Charles, Wilson; 2611 Shadow Woods Circle, Marietta, GA 30062 (US).

DALEY, Michael, Allen; 5865 Haterleigh Drive, Alpharetta, GA 30005 (US).

EDENS, Ronald, Lee; 201 E. Evergreen Drive, Appleton, WI 54913 (US).

GARAVAGLIA, Arthur, Edward; 2560 Runic Way, Alpharetta, GA 30022 (US).

GIENCKE, Ann, Marie; 1325 Lucerne Drive, Apartment 17, Menasha, WI 54952 (US).

HAMMONDS, Yvette, Lynn; 3033 Rosewood Lane, Oshkosh, WI 54904 (US).

KOLLIN, Nancy, Donaldson; 315 Woodchuck Court, Roswell, GA 30076 (US).

KOTTEK, Michael, Brent; 516 Emerson Street, Neenah, WI 54956 (US).

MACE, Tamara, Lee; 3388 Colquitt Drive, Doraville, GA 30340 (US).

MATELA, David, Michael; 1280 Mayfield Manor Drive, Alpharetta, GA 30004 (US).

MODER, Susan, Jean; 290 South Kools Street, Appleton, WI 54914 (US).

BRAMSTEDT NELSON, Jayne, Ann; 635 Appleton Road, Menasha, WI 54952 (US).

RASMUSSEN, Shelley, Rae; 3297 Creek Side Drive, Oshkosh, WI 54904 (US).

ROESSLER, Thomas, Harold; 1034 Greendale Court, Menasha, WI 54952 (US).

WALKER, Laura, Jane; 2209 Cloudview Court, Appleton, WI 54914 (US).

(74) **ROBINSON, James, B.** et al. / etc.; Kimberly-Clark Worldwide, Inc., 401 N. Lake Street, Neenah, WI 54956 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61F 13/15, 13/42, 13/476, 13/51**

(11) **WO 01/72252** (13) A1

(21) PCT/US01/09329

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 00106495.5 **25 Mar/mar 2000 EP (25.03.2000)**

(30) 00115522.5 **19 Jul/juil 2000 EP (19.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • TRANSPARENT ABSORBING ARTICLE
• ARTICLE ABSORBANT TRANSPARENT
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CARLUCCI, Giovanni** [IT/IT]; Via A. Fieramosca, 118, I-66100 Chieti (IT). **D'ADARIO, Roberto** [IT/IT]; Via Santa Lucia, 10/A, I-65019 Pianella (IT). **GAGLIARDI, Ivano** [IT/IT]; Via Montanara, 29, I-65123 Pescara (IT).
- (74) **THE PROCTER & GAMBLE COMPANY**; c/o Mr. Reed, T., David, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61F 13/56**
- (11) **WO 01/72254** (13) A2
- (21) PCT/US01/09939
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/537,847 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DISPOSABLE ABSORBENT ARTICLE HAVING RELEASABLE AND REATTACHABLE POSITIONING FLAPS
• ARTICLE ABSORBANT JETABLE A REBORDS DE POSITIONNEMENT LIBERABLES POUVANT ETRE FIXES UNE NOUVELLE FOIS
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **HAMMONS, John, Lee**; 7379 Dust Commander Court, Hamilton, OH 45011 (US). **OLSEN, Robb, Eric**; 3214 Girschy Lane, Cincinnati, OH 45208 (US). **CARSTENS, Jerry, E.**; 7451 Wetherington Drive, West Chester, OH 45069 (US).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61F 13/538 // B23B 31/08**
- (11) **WO 01/72253** (13) A1
- (21) PCT/SE01/00646
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) sv (26) en
- (30) 0001067-8 **27 Mar/mar 2000 SE (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • FIBROUS MATERIAL LAYER, METHOD FOR ITS MANUFACTURE, AND ABSORBENT ARTICLE COMPRISING THE MATERIAL LAYER IN QUESTION
• COUCHE DE MATIERE FIBREUSE, SON PROCEDE DE PRODUCTION, ET ARTICLE ABSORBANT COMPORTANT CETTE COUCHE
- (71) **SCA HYGIENE PRODUCTS AB** [SE/SE]; S-405 03 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WAHLSTRÖM, Johan** [SE/SE]; Jättegrytsgatan 4, S-412 68 Göteborg (SE). **BJÖRNSTRÖM, Lena** [SE/SE]; Viktor Rydbergsgatan 37, S-412 57 Göteborg (SE). **ALM, Leif** [SE/SE]; Birgittagatan 2A, S-414 53 Göteborg (SE). **KROOK, Fredrik** [SE/SE]; Schaktmästaregatan 7, S-412 61 Göteborg (SE). **JOHANSSON, Sven-Erik** [SE/SE]; Bräckevägen 9, S-517 36 Bollebygd (SE).
- (74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,924 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BED SIDERAILS HAVING FLEXIBLE PORTIONS
• LONGERONS DE LIT A PARTIES FLEXIBLES
- (71) **HILL-ROM SERVICES, INC.** [US/US]; 300 Delaware Avenue, Suite 530, Wilmington, DE 19801 (US).
- (72) **ZERHUSEN, Robert, Mark**; 10186 Owl Creek Road, Cincinnati, OH 45252 (US). **HORNBAACH, David, W.**; 12161 Countyline Road, Brookville, IN 47012 (US). **HENSELEY, David, W.**; 2077 North Delaware Road, Milan, IN 47031 (US). **ECKSTEIN, Gerald, D.**; 893 South Mulberry Street, Batesville, IN 47006 (US). **GANANCE, Francis, C.**; 211 South Depot Street, Batesville, IN 47006 (US). **GEILING, Dennis, E.**; 9039 Westview Road, Brookville, IN 47012 (US).
- (74) **NIEDNAGEL, Timothy, E.**; Bose McKinney & Evans LLP, 2700 First Indiana Plaza, 135 North Pennsylvania Street, Indianapolis, IN 46204 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61H 1/02**
- (11) **WO 01/72256** (13) A1
- (21) PCT/FR01/00957
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) fr (26) fr
- (30) 00/03986 **29 Mar/mar 2000 FR (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SPLINT FOR PASSIVE ARM MOBILISATION
• ATTELLE DE MOBILISATION PASSIVE DU BRAS
- (71) **SMITH & NEPHEW KINETEC** [FR/FR]; Zone Industrielle, F-08540 Tournes Cliron (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BENY, Laurent** [FR/FR]; 8, rue des Cerisiers, F-08090 Charroux (FR). **OSTER, Laurent** [FR/FR]; 13-15, rue de la Légende, F-08120 Bogny sur Meuse (FR).
- (74) **CABINET BEAU DE LOMENIE**; Boîte postale 7073, 51, avenue Jean Jaurès, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61H 1/02, 1/00**

(11) **WO 01/72257** (13) A1

(21) PCT/UA01/00009

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ru (26) ru

(30) 2000031835 **31 Mar/mar 2000 UA (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • "ERMINOV'S PREVENTER" TRAINING DEVICE PRINCIPALLY USED FOR BACKBONE TREATMENT AND A METHOD FOR PREVENTING AND TREATING DEFORMATIONS AND DEGENERATIVE DISEASES OF THE BACKBONE

• "APPAREIL PROPHYLACTIQUE DE EVMINOV" DESTINE PRINCIPALEMENT AU TRAITEMENT DE LA COLONNE VERTEBRALE ET PROCEDE DE PREVENTION ET DE TRAITEMENT DES DEFORMATIONS ET DES MALADIES DEGENERATIVES DE LA COLONNE VERTEBRALE

(71, 72) **EVMINOV, Vyacheslav** [UA/UA]; ul. Serafimovicha, 3-101, Kiev, 02152 (UA).

(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 UG UZ VN YU ZW.

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

(51)⁷ **A61H 7/00**

(11) **WO 01/72258** (13) A2

(21) PCT/PL01/00026

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) P.339352 **28 Mar/mar 2000 PL (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • SHORTS DESIGNED ESPECIALLY FOR LOCAL REMOVAL AND REDUCTION OF ADIPOSE TISSUE

• SHORTS SPECIALEMENT CONÇUS POUR L'ELIMINATION ET LA REDUCTION LOCALES DE TISSU ADIPEUX

(71, 72) **SCHULZ, Janusz** [PL/PL]; Marszalka Pilsudskiego 15/6, PL-51-152 Wroclaw (PL).

(81) CA US.

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

(51)⁷ **A61J 1/10**

(11) **WO 01/72259** (13) A1

(21) PCT/FR01/00851

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03802 **24 Mar/mar 2000 FR (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • COLLECTION BAG WITH INSERT
• POCHE DE RECUEIL AVEC INSERT

(71) **MACO PHARMA** [FR/FR]; 96, rue du Pont Rompu, F-59200 Tourcoing (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERPOORT, Thierry** [FR/FR]; 19, rue de Baisieux, F-59420 Mouvaux (FR).
GOUDALIEZ, Francis [FR/FR]; 389, avenue du Maréchal Leclerc, F-59155 Faches Thumesnil (FR).

(74) **BOUJU DERAMBURE BUGNION**; 52, rue de Monceau, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61J 7/04**

(11) **WO 01/72260** (13) A1

(21) PCT/SE01/00658

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) sv (26) en

(30) 0001049-6 **24 Mar/mar 2000 SE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • STORAGE MEANS SPECIALLY INTENDED FOR MEDICAMENTS AND STORAGE PLATE BELONGING THERETO

• MOYENS DE STOCKAGE CONÇUS SPECIALEMENT POUR LES MEDICAMENTS ET PLAQUETTE DE STOCKAGE APPARTENANT AUXDITS MOYENS

(71) **MEDITELLIGENCE AB** [SE/SE]; Andra Långgatan 19, S-413 28 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WESSBERG, Göran** [SE/SE]; Eva Lagervalls väg 24, S-756 43 Uppsala (SE).

(74) **BJÖRKLUND, Lennart, Georg**; Patent-Och Innovationsservice, L. G. Björklund AB, Angskavlevägen 4, S-741 42 Knivsta (SE).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K**

(11) **WO 01/72261** (13) A2

(21) PCT/US01/01976

(22) **22 Jan/jan 2001 (22.01.2001)**

(25) en (26) en

(30) 60/177,584 **22 Jan/jan 2000 US (22.01.2000)**

(30) 09/574,944 **19 May/mai 2000 US (19.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • HANDHELD EYE WASHING APPARATUS
• APPAREIL A MAIN POUR LAVAGE OCULAIRE

(71, 72) **TANGRI, Kuldip, Chand** [US/US]; 8044 N. Harding Ave, Skokie, IL 60076 (US).

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

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

(51)⁷ **A61K 6/00, 7/00**

(11) **WO 01/72262** (13) A2

(21) PCT/US01/09800

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,261 **27 Mar/mar 2000 US (27.03.2000)**

(30) 60/197,162 **14 Apr/avr 2000 US (14.04.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • NEW COSMETIC, PERSONAL CARE, CLEANING AGENT, AND NUTRITIONAL SUPPLEMENT COMPOSITIONS COMPRISING BIOACTIVE GLASS AND METHODS OF MAKING AND USING THE SAME

• NOUVELLES COMPOSITIONS DE PRODUITS COSMETIQUES, D'HYGIENE PERSONNELLE, D'AGENTS DE NETTOYAGE ET DE SUPPLEMENTS NUTRITIONNELS CONTENANT DU VERRE BIOACTIF, ET

- PROCEDES DE FABRICATION ET D'UTILISATION DE CES DERNIERES
- (71) **SCHOTT GLAS** [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE). **USBIO-MATERIALS CORPORATION** [US/US]; One Progress Boulevard, #23, Alachua, FL 32615 (US).
- (74) **RHOADS, Donald** et al. / etc.; Kramer Levin Naftalis & Frankel LLP, 919 Third Avenue, New York, NY 10022 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 7/00**
- (11) **WO 01/72263** (13) A2
- (21) PCT/EP01/02987
- (22) **15 Mar/mar 2001 (15.03.2001)**
- (25) de (26) de
- (30) 100 14 632.5 **24 Mar/mar 2000 DE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • USE OF ECTOIN OR ECTOIN DERIVATIVES FOR PROTECTING STRESS PROTEINS IN THE SKIN
- UTILISATION D'ECTOINE OU DE DERIVES D'ECTOINE POUR PROTEGER LA PROTEINE DU STRESS DE LA PEAU
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BÜNGER, Joachim** [DE/DE]; Wilhelm-Leuschner-Strasse 181, 64823 Gross-Umstadt (DE). **MARCHIO, François** [FR/US]; 137 Brendon Hill Road, Scarsdale, NY 10583 (US).
- (74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 7/00, 7/48**
- (11) **WO 01/72264** (13) A2
- (21) PCT/EP01/03082
- (22) **17 Mar/mar 2001 (17.03.2001)**
- (25) de (26) de
- (30) 00106607.5 **28 Mar/mar 2000 EP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PRO-LIPOSOMAL ENCAPSULATED PREPARATIONS (IV)
- PREPARATIONS ENCAPSULEES DANS DES PROLIPOSOMES (IV)
- (71) **PRIMACARE S.L.** [ES/ES]; c/o Cognis Iberia S.L., Sector E, C/No. 42, E-08040 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GARCES, Josep** [ES/ES]; C. Francesc Macia, 19-3^e-1^o, E-08760 Martorell (ES). **VILADOT PETIT, Josep-Lluís** [ES/ES]; C. Comte d'Urgell, 230-6^e-2^a, E-08036 Barcelona (ES).
- (74) **FABRY, Bernd**; Cognis Deutschland GmbH, CRT-IP, Postfach 13 01 64, 40551 Düsseldorf (DE).
- (81) AU JP KR US.
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- (51)⁷ **A61K 7/00, 7/48, A61P 17/16**
- (11) **WO 01/72265** (13) A1
- (21) PCT/JP01/02787
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-97428 **31 Mar/mar 2000 JP (31.03.2000)**
- (30) 2000-258995 **29 Aug/août 2000 JP (29.08.2000)**
- (30) 2000-403353 **28 Dec/déc 2000 JP (28.12.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • EXTERNAL PREPARATION FOR THE SKIN AND BEAUTIFYING AGENTS
- PREPARATION EXTERNE POUR LA PEAU ET AGENTS D'EMBELLISSEMENT
- (71) **THE NISSHIN OIL MILLS, LTD.** [JP/JP]; 23-1, Shinkawa 1-chome, Chuo-ku, Tokyo 104-0033 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KUNO, Noriyasu** [JP/JP]; c/o THE NISSHIN OIL MILLS, LTD., Research Laboratory, 1, Shinmei-cho, Yokosuka-shi, Kanagawa 239-0832 (JP). **SHINOHARA, Gou** [JP/JP]; c/o THE NISSHIN OIL MILLS, LTD., Research Laboratory, 1, Shinmei-cho, Yokosuka-shi, Kanagawa 239-0832 (JP).
- (74) **NAKAMURA, Minoru** et al. / etc.; Room 646, Shin-Tokyo Bldg, 3-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8355 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 7/06, 7/155**
- (11) **WO 01/72266** (13) A1
- (21) PCT/EP01/01522
- (22) **12 Feb/fév 2001 (12.02.2001)**
- (25) en (26) en
- (30) MI2000A000628 **24 Mar/mar 2000 IT (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COSMETIC COMPOSITIONS HAVING RETARDING ACTION ON THE REGROWTH OF SUPERFLUOUS HAIR
- COMPOSITIONS COSMETIQUES POSSEDANT UNE ACTION RETARDATRICE SUR LA REPOUSSE DE POILS SUPERFLUS
- (71) **INDENA S.P.A.** [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DI PIERRO, Francesco** [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT).
- (74) **MINOJA, Fabrizio** et al. / etc.; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I-20122 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **A61K 7/06, 7/48, 7/00**
- (11) **WO 01/72267** (13) A1
- (21) PCT/FR01/00643
- (22) **5 Mar/mar 2001 (05.03.2001)**
- (25) fr (26) fr
- (30) 00/03791 **24 Mar/mar 2000 FR (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COSMETIC COMPOSITION COMPRISING AT LEAST A NON-POLYMERIC CRYSTALLINE SALT
- COMPOSITION COSMETIQUE COMPRENANT AU MOINS UN SEL CRISTALLIN NON POLYMERIQUE
- (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) **GIROUD, Franck** [FR/FR]; 9, rue Curton, F-92110 Clichy (FR).
- (74) **BOURDEAU, Françoise**; L'Oréal / DPI, 6, rue Bertrand Sinholle, F-92585 Clichy 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61K 7/06, A61P 17/14**

(11) **WO 01/72268** (13) A1

(21) PCT/JP01/02756

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-97542 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HAIR GROWTH OR HAIR FORMATION CONTROLLING AGENTS

• AGENTS DE RÉGULATION DE LA POUSSE DU CHEVEU OU DE SA FORMATION

(71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2-1, Nihonbashimuromachi 2-chome, Chuo-ku, Tokyo 103-8666 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUMAGAI, Hiroki** [JP/JP]; 2-1-20 L302, Tsunishi, Kamakura-shi, Kanagawa 248-0034 (JP). **YAMADA, Naohiro** [JP/JP]; 1-26-17 D-2, Tsunishi, Kamakura-shi, Kanagawa 248-0034 (JP). **HAYASHI, Ryoji** [JP/JP]; 3-13-9, Kataseyama, Fujisawa-shi, Kanagawa 251-0033 (JP). **MORI, Takeshi** [JP/JP]; 343-23, Morooka-cho, Kouhoku-ku, Yokohama-shi, Kanagawa 222-0002 (JP). **ISOGAYA, Masafumi** [JP/JP]; 3989-7, Izumi-cho, Izumi-ku, Yokohama-shi, Kanagawa 245-0016 (JP).

(74) **TANIGAWA, Hidejiro**; c/o TANIGAWA AND ASSOCIATES, Patent Firm, 6F, Iwata Bldg., 5-12, Iidabashi 4-chome, Chiyoda-ku, Tokyo 102-0072 (JP).

(81) AU CA CN JP KR US.

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

(51)⁷ **A61K 7/06**

(11) **WO 01/72269** (13) A1

(21) PCT/US01/10329

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,839 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FATTY QUAT BASED ON ANTE-ISO COMPOUNDS

• ACIDES GRAS QUATERNAIRES A BASE DE COMPOSES ANTE-ISO

(71) **CRODA, INC.** [US/US]; 7 Century Drive, Parsippany, NJ 07054 (US).

(72) **PEREIRA, Abel, G.**; 62 Eugene Place, Belleville, NJ 07109 (US). **BARINOVA, Helena, S.**; 83 Cooper Avenue, Iselin, NJ 08830 (US).

(74) **TESCHNER, Michael, H.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(t) for all designations / pour toutes les designations

(51)⁷ **A61K 7/13, 7/06**

(11) **WO 01/72270** (13) A1

(21) PCT/EP01/02937

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 14 340.7 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HAIR DYES CONTAINING CATIONIC BIOPOLYMERS

• COLORANTS CAPILLAIRES CONTENANT DES BIOPOLYMERES CATIONIQUES

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

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

(72, 75) **CORBELLA, Alberto** [IT/IT]; Via Baserga, 7, I-22100 Como (IT). **GUIDOTTI, Giovanni** [IT/IT]; Via Enrico Fermi, 10, I-22071 Cadorago (IT).

(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 **A61K 7/135, 7/13**

(11) **WO 01/72271** (13) A2

(21) PCT/US01/09213

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/537,452 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STABLE ALKALINE HAIR BLEACHING AND COLORING COMPOSITIONS AND METHOD FOR USE THEREOF

• COMPOSITIONS STABLES ALCALINES DE DECOLORATION ET DE COLORATION CAPILLAIRE ET PROCEDE D'UTILISATION

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

(72) **DIAS, Louis, Carlos**; 26 Abbots Drive, Virginia Water, Surrey GU25 4SE (GB).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 7/135**

(11) **WO 01/72272** (13) A2

(21) PCT/US01/09235

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/537,451 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STABLE ALKALINE HAIR BLEACHING COMPOSITIONS AND METHOD FOR USE THEREOF

• COMPOSITIONS ALCALINES STABLES POUR DECOLORER LES CHEVEUX ET MODE D'UTILISATION

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

(72) **DIAS, Louis, Carlos**; 26 Abbots Drive, Virginia Water, Surrey GU25 4SE (GB).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

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

TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 7/16**

(11) **WO 01/72273** (13) A2

(21) PCT/EP01/02893

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 14 416.0 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SUPRAGINGIVAL POWDER SPRAYING

● PROJECTION DE POUDRE DANS LA ZONE SUPRAGINGIVALE

(71) **3M ESPE AG** [DE/DE]; ESPE Platz, 82229 Seefeld (DE).

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

(72, 75) **FLEMMIG, Thomas** [DE/DE]; Köne-
mannstrasse 26, 48161 Münster (DE).
GANGNUS, Bernd [DE/DE]; Moosweg
2b, 82346 Andechs (DE). **GASSER, Os-
wald** [DE/DE]; Höhenstrasse 10, 82229
Seefeld (DE). **GUGGENBERGER, Rainer**
[DE/DE]; Kienbachstrasse 26b, 82211
Herrsching (DE). **HÄBERLEIN, Ingo**
[DE/DE]; Eichtweide 3, 82362 Weil-
heim (DE). **WINDMMÜLLER, Bettina**
[DE/DE]; Sonnenstrasse 57, 82205 Gilching
(DE).

(74) **3M ESPE AG**; ESPE Platz, 82229 Seefeld
(DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ **A61K 7/16**

(11) **WO 01/72274** (13) A2

(21) PCT/EP01/03163

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 15 662.2 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DENTAL CARE AGENTS PROVIDED
IN THE FORM OF SINGLE-PORTION
CAPSULES

● AGENTS DE SOINS DENTAIREES SOUS
FORME DE CAPSULES-PORTIONS

(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) **WÜLKKNITZ, Peter** [DE/DE]; Im
Erlengrund 9, 42799 Leichlingen (DE).
DUSCHEK, Nicole [DE/DE]; Jacob
Kneip Strasse 61, 40595 Düsseldorf (DE).
WALTHER-STANGRECKI, Claudia
[DE/DE]; Nove-Mesto-Platz 12, 40721
Hilden (DE).

(81) AU BR CA CN CZ HU JP KR MX NO PL
SK US.

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

(51)⁷ **A61K 7/20, 9/68, 33/40, A01N 39/00**

(11) **WO 01/72275** (13) A1

(21) PCT/US01/08874

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/192,677 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● OXIDATIVE FLUORINATOR COM-
POUNDS AS ANTIMICROBIALS

● COMPOSES OXYDATIFS FLUORES
UTILISES COMME AGENTS ANTIMI-
CROBIENS

(71) **MARANTECH HOLDING, LLC**
[US/US]; Suite 810, One Turk's Head Place,
Providence, RI 02903 (US).

(72) **ANTELMAN, Marvin, S.**; 9/30 Skolnic
Street, P.O. Box 382, Rehovot (IL).

(74) **BALANCIA, Victor, N.** et al. / etc.; Pennie
& Edmonds LLP, 1155 Avenue of the Ameri-
cas, 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 EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

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(51)⁷ **A61K 7/42**

(11) **WO 01/72276** (13) A1

(21) PCT/US01/08330

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/535,446 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● NOVEL DELIVERY SYSTEM FOR IN-
ORGANIC SUNSCREENS

● SYSTEME DE DIFFUSION POUR SUB-
STANCES ANTISOLAIRES INORGA-
NIQUES

(71) **FINETEX, INC.** [US/US]; P.O. Box 216,
Elmwood Park, NJ 07407 (US).

(72) **WALELE, Ismail, I.**; 86 Oxford Avenue,
Saddle Brook, NJ 07663 (US). **SYED,
Samad, A.**; 126 Linwood Avenue, Paramus,
NJ 07652 (US).

(74) **WEINGRAM, Edward, R.** et al. / etc.; We-
ingram & Associates, P.C., 197 West Spring
Valley Avenue, P.O. Box 927, Maywood, NJ
07607 (US).

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

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(51)⁷ **A61K 9/00**

(11) **WO 01/72277** (13) A2

(21) PCT/GB01/01936

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007150.6 **24 Mar/mar 2000 GB (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● IMMUNOTHERAPEUTIC METHODS
AND COMPOSITIONS

● METHODES ET COMPOSITIONS IM-
MUNOTHERAPEUTIQUES

(71) **LAMELLAR THERAPEUTICS LIM-
ITED** [GB/GB]; 5 South Avenue, Clydebank
Business Park, Clydebank G81 2LG (GB).

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

(72, 75) **DOBBIE, James** [GB/GB]; 26 Firhill
Avenue, Airdrie ML6 9DZ (GB).

(74) **KENNEDY, David** et al. / etc.; Kennedys
Patent Agency Limited, Queens House, 5th
Floor, 29 St. Vincent Place, Glasgow G1 2DT
(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 EE ES FI GB GD GE GH GM HR HU
ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **A61K 9/00**

(11) **WO 01/72278** (13) A2

(21) PCT/IB01/00564

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 09/538,829 **30 Mar/mar 2000 US (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR ADMINISTERING IN-
SULIN TO THE BUCCAL REGION

● METHODE D'ADMINISTRATION
D'INSULINE DANS LA REGION BUC-
CALE

(71) **GENEREX PHARMACEUTICALS INC.**
[CA/CA]; Suite 202, 33 Harbour Square,
Toronto, Ontario M5J 2G2 (CA).

(72) **MODI, Pankaj**; 519 Golfinks Road, An-
caster, Ontario L9G 4X6 (CA).

(74) **KAO, Dolly**; Ridout & Maybee LLP, Suite
2400, One Queen Street East, Toronto, On-
tario M5C 3B1 (CA).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ A61K 9/00

(11) WO 01/72279 (13) A2

(21) PCT/US01/09405

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 09/534,056 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MEDICAL EMULSION FOR LUBRICATION AND DELIVERY OF DRUGS

• EMULSION MEDICALE PERMETTANT DE LUBRIFIER ET DE DISTRIBUER DES MEDICAMENTS

(71) BOSTON SCIENTIFIC LIMITED [IE/BB]; The Corporate Center, Bush Hill, Bay Street, St. Michael (BB). FRESINIUS KABI AB [SE/SE]; S-751 74 Uppsala (SE).

(72) LYONS, Robert, T.; 27164 Woodbluff Road, Laguna Hills, CA 92653 (US). DILLARD, David, H.; 7923-152nd Avenue NE, Redmond, WA 98052 (US). FIEGGEN, Bruce; 41 Coventry Road, Wayne, NJ 07470 (US). RAUKER, Robert, M.; 23 Dearth Circle, Ashland, MA 01721 (US). BLUNI, Scott, T.; 163 Mossman Road, Sudbury, MA 01776 (US).

(74) TULLETT, Rodney, C.; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ A61K 9/00

(11) WO 01/72280 (13) A2

(21) PCT/US01/09618

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,902 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITIONS AND METHODS FOR GENE THERAPY

• COMPOSITIONS ET METHODES POUR THERAPIE GENIQUE

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

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

(72, 75) VOGEL, Jean-Marie [FR/US]; 64 Cobleigh Road, Boxborough, MA 01719 (US). BOSCHETTI, Egisto [FR/FR]; 9, allée due Bois, F-78290 Gougenot (FR).

(74) LAWRENCE, Stanton, T., III 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ A61K 9/00

(11) WO 01/72281 (13) A2

(21) PCT/US01/09619

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,899 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MICROSPHERES FOR ACTIVE EMBOLIZATION

• MICROSPHERES PERMETTANT UNE EMBOLISATION ACTIVE

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

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

(72, 75) VOGEL, Jean-Marie [FR/US]; 64 Cobleigh Road, Boxborough, MA 01719 (US). BOSCHETTI, Egisto [—/FR]; 9, allée due Bois, F-78290 Gougenot (FR).

(74) LAWRENCE, Stanton, T., III 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ A61K 9/10

(11) WO 01/72282 (13) A1

(21) PCT/KR01/00509

(22) 29 Mar/mar 2001 (29.03.2001)

(25) ko (26) en

(30) 2000/16257 29 Mar/mar 2000 KR (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SELF-EMULSIFYING MATRIX TYPE TRANSDERMAL PREPARATION

• PREPARATION TRANSDERMIQUE A MATRICE AUTO-EMULGENTE

(71) CHONG KUN DANG PHARMACEUTICAL CORP. [KR/KR]; 368, 3-ga, Chungjeong-ro, Seodaemun-ku, Seoul 120-756 (KR).

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

(72, 75) HONG, Chung, II [US/US]; 4446, West Berteau Avenue, Chicago, IL 60641-1097 (US). SHIN, Hee, Jong [KR/KR]; 1404-101, Younhwa-maul, Jung-2-dong, Wonmi-ku, Pucheon-city, Kyunggi-do 420-022 (KR). KI, Min, Hyo [KR/KR]; 102-105, Mokryun Apt., Shinbang-dong, Cheonan-city, Choongchung-namdo 330-260 (KR). LEE, Seok, Kyu [KR/KR]; 414-21, Majeon-ri, Juboo-myun, Keumsan-kun, Choongchung-namdo 312-940 (KR). KWEON, Don, Sun [KR/KR]; 264-367, Emun-2-dong, Dongdaemun-ku, Seoul 130-082 (KR).

(74) LEE, Byung, Hyun; New Seoul Bldg 705, 828-8, Yeoksam-dong, Kangnam-ku, Seoul 135-081 (KR).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ A61K 9/127

(11) WO 01/72283 (13) A1

(21) PCT/US01/10523

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/193,062 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CATIONIC LIPOSOMES

• LIPOSOMES CATIONIQUES

(71) ARADIGM CORPORATION [US/US]; 3929 Point Eden Way, Hayward, CA 94545 (US).

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

(72, 75) GONDA, Igor [GB/US]; 2351 Larkin Street, San Francisco, CA 94109 (US). MARGALIT, Rimona [IL/US]; Dept. of

Biochemistry, Sherman Building, Room 511, 69978 Tel Aviv (IL).

(74) **BORDEN, Paula, A.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61K 9/16, 9/50, 9/00**

(11) **WO 01/72284** (13) A1

(21) PCT/EP01/03409

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) A 524/2000 **28 Mar/mar 2000 AT (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● GRANULATED PARTICLES WITH MASKED TASTE

● PARTICULES GRANULEES A MASQUAGE DE GOUT

(71) **BIOCHEMIE GESELLSCHAFT M.B.H.** [AT/AT]; A-6250 Kundl (AT).

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

(72, 75) **SCHWARZ, Franz, Xaver** [AT/AT]; Brixentalerstrasse 66a, A-6300 Wörgl (AT).

(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61K 9/16, 47/10, 47/18, 47/26, 47/32, 47/34, 47/36, 47/38, 31/43, 31/215, 31/496, 31/433, 31/415, 31/445, 31/7048, 31/502, 31/439, 31/495, 31/454, 31/5513, 31/4545, 31/65, 31/4184, 31/57, 31/122, 31/198, 38/05, 49/00, A61P 25/02, 21/00, 43/00, 37/08, 25/00, 9/00, 7/10, 11/00, 1/00, 7/00, 5/00, 3/02, 39/02, 31/00, 35/00, 37/02, 25/36**

(11) **WO 01/72285** (13) A1

(21) PCT/JP01/02406

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-86516 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● EASY-TO-TAKE GRANULE

● GRANULE FACILE A PRENDRE

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).

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

(72, 75) **MURAI, Kouji** [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). **NARITA, Shoichi** [JP/JP]; c/o Pharmaceutical Research Institute, Kyowa Hakko Kogyo Co., Ltd., 1188, Shimotogari, Nagaizumi-cho, Sunto-gun, Shizuoka 411-8731 (JP). **OGASA, Takehiro** [JP/JP]; c/o Head Office, Kyowa Hakko Kogyo Co., Ltd., 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).

(81) 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 9/50, A23L 1/302, 1/303**

(11) **WO 01/72286** (13) A1

(21) PCT/EP01/03192

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0007419.5 **27 Mar/mar 2000 GB (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SUSTAINED RELEASE VITAMIN COMPOSITION

● COMPOSITION POUR VITAMINE A LIBERATION SOUTENUE

(71) **SMITHKLINE BEECHAM GMBH & CO KG** [DE/DE]; Bussmatten 1, 77815 Buehl (Baden) (DE). **ALLPHAMED PHARBIL PHARMA GMBH** [DE/DE]; Hildebrandstrasse 12, 37081 Göttingen (DE).

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(72, 75) **BLOCK, Jürgen** [DE/DE]; c/o PT Pellet GmbH, Reichenbergerstrasse 43, 33605 Bielefeld (DE). **HEIM, Stefan** [DE/DE]; SmithKline Beecham GmbH and Co KG, Weststrasse 25, 71083 Herrenberg (DE). **WESTERHEIDE, Ralf** [DE/DE]; PP Development GmbH, Reichenbergerstrasse 43, 33605 Bielefeld (DE).

(74) **WALKER, Ralph, Francis**; SmithKline Beecham, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61K 31/00**

(11) **WO 01/72287** (13) A2

(21) PCT/EP01/02988

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 14 631.7 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● USE OF ECTOIN OR ECTOIN DERIVATIVES FOR THE PROPHYLAXIS AND/OR TREATMENT OF UV-INDUCED IMMUNOSUPPRESSION

● UTILISATION D'ECTOINE OU DERIVES D'ECTOINE POUR ASSURER LA PROPHYLAXIE ET/OU LE TRAITEMENT DE L'IMMUNODEPRESSION INDUITE PAR U.V.

(71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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(72, 75) **BÜNGER, Joachim** [DE/DE]; Wilhelm-Leuschner-Strasse 181, 64823 Gross-Umstadt (DE).

(74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58, 80538 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/00**

(11) **WO 01/72288** (13) A2

(21) PCT/EP01/03536

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) P2000 00765 **29 Mar/mar 2000 ES (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● USE OF CDP-CHOLINE FOR THE TREATMENT OF ALCOHOL WITHDRAWAL SYNDROME

• UTILISATION DE CDP-CHOLINE POUR TRAITER LE SYNDROME DU SEVRAGE ALCOOLIQUE

(71) **FERRER INTERNACIONAL, S.A.** [ES/ES]; Gran Vía Carlos III, 94, E-08028 Barcelona (ES).
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(72, 75) **FOGUET, Rafael** [ES/ES]; Lluçanès, 8, E-08028 Barcelona (ES). **RAMEN-TOL, Jorge** [ES/ES]; Lleó XIII 2, E-08022 Barcelona (ES). **LOZANO, Rafael** [ES/ES]; Bertran 45, E-08023 Barcelona (ES). **AGUT, Julián** [ES/ES]; Riera 13E, E-08190 Sant Cugat (ES). **TORRES, Jesús** [ES/ES]; Pstg. Forasté 4bis, E-08017 Barcelona (ES). **RAGA, Manuel M.** [ES/ES]; Sors 17-21, E-08024 Barcelona (ES). **CASTELLÓ, Josep M.** [ES/ES]; Av. Príncep d'Asturies, 35, E-08034 Barcelona (ES). **ORTIZ, José A.** [ES/ES]; Còrsega, 429m, E-08037 Barcelona (ES).

(74) **KINZEBACH, Werner** et al. / etc.; Reitstötter, Kinzebach & Partner, Sternwartstr. 4, 81679 München (DE).

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

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

(51)⁷ **A61K 31/00**

(11) **WO 01/72289** (13) A2

(21) PCT/EP01/03609

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 100 15 814.5 **30 Mar/mar 2000 DE (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MEDICAMENT FOR THE STIMULATION OF LEUCOPOIESIS AND TREATMENT OF TUMOUR AND PROTOZOAN DISEASES ACARINOSIS AND ARTHROPOD-BORNE DISEASES AND A METHOD FOR PRODUCTION THEREOF

• MEDICAMENT POUR STIMULER LA LEUCOPOESE, POUR TRAITER DES AFFECTIONS TUMORALES ET DES PROTOZOSES, L'ACARINOSE, L'ARTHROPODIASE ET PROCEDES PERMETTANT DE LE PRODUIRE

(71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V.** [DE/DE]; Hofgartenstrasse 8, 80539 München (DE).
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(72, 75) **EIBL, Hansjörg** [DE/DE]; Heinrich-Deppe-Ring 22, 37120 Bovenden-Eddighausen (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/00**

(11) **WO 01/72290** (13) A2

(21) PCT/EP01/03725

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) en (26) en

(30) 60/194,061 **31 Mar/mar 2000 US (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR THE IMPROVEMENT OF ISLET SIGNALING IN DIABETES MELLITUS AND FOR ITS PREVENTION

• PROCEDE DESTINE A AMELIORER LE SIGNALLEMENT D'ILOTS DANS LE DIABETE SUCRE ET A PREVENIR CE DERNIER

(71) **PROBIODRUG GESELLSCHAFT FÜR ARZNEIMITTELFORSCHUNG MBH** [DE/DE]; Weinbergweg 22, 06120 Halle (DE).
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(72, 75) **DEMUTH, Hans-Ulrich** [DE/DE]; Weinbergweg 22, 06120 Halle (DE). **GLUND, Konrad** [DE/DE]; Weinbergweg 22, 06120 Halle (DE).

(74) **FORSTMAYER, Dietmar**; Boeters & Bauer, Bereiteranger 15, 81541 München (DE).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/00**

(11) **WO 01/72291** (13) A2

(21) PCT/GB01/01279

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007193.6 **25 Mar/mar 2000 GB (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TREATMENT OF MOVEMENT DISORDERS

• TRAITEMENT DE TROUBLES DES MOUVEMENTS

(71) **THE VICTORIA UNIVERSITY OF MANCHESTER** [GB/GB]; Oxford Road, Manchester M13 9PL (GB).
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(72, 75) **BROTCHIE, Jonathan** [GB/GB]; Flat 22, Regency House, 36 Whitworth Street, Manchester M1 3NR (GB). **HILL, Michael** [GB/GB]; 87 Chestnut Street, Chadderton, Oldham OL9 8HF (GB). **CROSSMAN, Alan** [GB/GB]; Dept. of Neurosciences, School of Biological Sciences, Stopford Building, University of Manchester M13 9PT (GB).

(74) **BANFORD, Paul, Clifford**; Marks & Clerk, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/00**

(11) **WO 01/72292** (13) A2

(21) PCT/US01/08939

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/192,649 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VITAMIN D COMPOUNDS USED TO STABILIZE KIDNEY TRANSPLANTS
• COMPOSES DE VITAMINE D UTILISES POUR STABILISER DES TRANSPLANTATIONS RENALES

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53705 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELUCA, Hector, F.** [US/US]; 1809 Highway BB, Deerfield, WI 53531 (US). **BECKER, Bryan, N.** [US/US]; 6709 Harvest Hill Road, Madison, WI 53717 (US). **SOLLINGER, Hans, W.** [US/US]; 1202 Sherman Avenue, Madison, WI 53703 (US). **HULLETT, Debra, A.** [US/US]; 546 Orchard Drive, Madison, WI 53711 (US).

(74) **BAKER, Jean, C.**; Quarles & Brady LLP, 411 East Wisconsin Avenue, Milwaukee, WI 53202-4497 (US).

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

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

FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ **A61K 31/00**

(11) **WO 01/72293** (13) A2

(21) PCT/US01/09395

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/192,039 **24 Mar/mar 2000 US
(24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **ANTIPIROGESTINS WITH PARTIAL
AGONIST ACTIVITY**

• **ANTIPIROGESTINS A ACTIVITE PAR-
TIELLE D'AGONISTES**

(63) US 60/192,039 (CON)
24 Mar/mar 2000 (24.03.2000)

(71) **GOVERNMENT OF THE UNITED
STATES OF AMERICA, as represented
by THE SECRETARY, DEPARTMENT
OF HEALTH AND HUMAN SERVICES**
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les États désignés sauf US)

(72, 75) **SIMONS, S., Stoney, Jr.** [US/US]; 5609
Johnson Avenue, Bethesda, MD 29817 (US).

(74) **MILLER, Mary, L.**; Needle & Rosenberg,
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Atlanta, GA 30303-1811 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ **A61K 31/00**

(11) **WO 01/72294** (13) A2

(21) PCT/US01/09987

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/193,135 **29 Mar/mar 2000 US
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD OF TREATING HEPATITIS
DELTA VIRAL INFECTION**

• **PROCEDE DE TRAITEMENT D'UNE
INFECTION VIRALE PAR LE VIRUS
DE L'HEPATITE D**

(71) **GEORGETOWN UNIVERSITY** [US/US];
37th and O Street, NW, Washington, DC (US).
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INC.** [US/US]; Suite 105, 20 Thornwood
Drive, Ithaca, NY 14850 (US). **UNIVER-
SITY OF GEORGIA RESEARCH FOUN-
DATION, INC.** [US/US]; Boyd Graduate

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les États désignés sauf US)

(72, 75) **CASEY, John, L.** [US/US]; 10
Brookcrest Ct., Potomac, MD 20854 (US).
KORBA, Brent, E. [US/US]; 8255 Stone
Trail Court, Laurel, MD 20723 (US). **COTE,
Paul, J.** [US/US]; 5509 Roy Court, New
Market, MD 21774 (US). **GERIN, John, L.**
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MD 20817 (US). **TENNANT, Bud, C.**
[US/US]; 4 Sunny Knoll Road, Ithaca, NY
14850 (US). **CHU, Chung, K.** [US/US];
115 Cedar Springs Place, Athens, GA 30605
(US).

(74) **KNOWLES, Sherry, M.**; King & Spalding,
191 Peachtree St., 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **A61K 31/00**

(11) **WO 01/72295** (13) A2

(21) PCT/US01/09991

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/538,037 **29 Mar/mar 2000 US
(29.03.2000)**

(30) 09/588,937 **5 Jun/juin 2000 US
(05.06.2000)**

(30) 09/640,878 **18 Aug/août 2000 US
(18.08.2000)**

(30) 60/234,517 **22 Sep/sep 2000 US
(22.09.2000)**

(30) 09/704,512 **1 Nov/nov 2000 US
(01.11.2000)**

(30) 09/738,973 **14 Dec/déc 2000 US
(14.12.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **COMPOSITIONS AND METHODS FOR
THE THERAPY AND DIAGNOSIS OF
LUNG CANCER**

• **COMPOSITIONS ET METHODES POU-
VANT TRAITER OU DIAGNOSTIQUER
LE CANCER DU POU MON**

(71) **CORIXA CORPORATION** [US/US];
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(for all designated States except / pour tous
les États désignés sauf US)

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monds, WA 98026 (US). **FLING, Steven, P.**
[US/US]; 11414 Pinyon Avenue Northeast,
Bainbridge Island, WA 98110 (US). **AL-
GATE, Paul, A.** [GB/US]; 580 Kalmia Place
N.W., Issaquah, WA 98027 (US). **ELLIOT,
Mark** [US/US]; 10800 26th Avenue S.W.,
Seattle, WA 98146 (US). **MANNION, Jane**
[US/US]; 8904 192nd Street S.W., Edmonds,
WA 98026 (US). **KALOS, Michael, D.**
[US/US]; 8116 Dayton Ave. N., Seattle, WA
98103 (US).

(74) **POTTER, Jane, E., R.** et al. / etc.; Seed
Intellectual Property Law Group PLLC, Suite
6300, 701 Fifth Avenue, Seattle, WA 98104-
7092 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **A61K 31/12, C07C 403/24**

(11) **WO 01/72296** (13) A1

(21) PCT/SE01/00600

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 0001071-0 **27 Mar/mar 2000 SE
(27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD OF INHIBITING THE EX-
PRESSION OF INFLAMMATORY CY-
TOKINES AND CHEMOKINES**

• **PROCEDE D'INHIBITION DE L'EX-
PRESSION DE CYTOKINES ET DE
CHIMIOKINES INFLAMMATOIRES**

(71) **ASTACAROTENE AB** [SE/SE]; Idrottsvä-
gen 4, S-134 40 Gustavsberg (SE).

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les États désignés sauf US)

(72, 75) **ANDERSSON, Tove** [SE/SE]; Verk-
stadsgatan 5, S-117 36 Stockholm (SE).
PETERSSON, Sven [SE/SE]; Värbacksvä-
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(74) **NILSSON, Brita** et al. / etc.; Stockholms
Patentbyrå Zacco AB, Box 23101, 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61K 31/16**

(11) **WO 01/72297** (13) A1

(21) PCT/US01/09785

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,260 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR INHIBITING ANGIOGENESIS AND TUMOR GROWTH

• METHODES D'INHIBITION DE L'ANGIOGENESE ET DE LA CROISSANCE DE TUMEURS

(71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).

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(72, 75) **BOGER, Dale, L.** [US/US]; 2819 Via Posada, La Jolla, CA 92037 (US).

CHERESH, David, A. [US/US]; 3277 Lone Hill Lane, Encinitas, CA 92024 (US).

(74) **CEPURITIS, Talivaldis;** Olson & Hierl, Ltd., 20 North Wacker Drive, 36th floor, Chicago, IL 60606 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 31/275**

(11) **WO 01/72298** (13) A1

(21) PCT/US01/09725

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,299 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TREATMENTS FOR IMMUNE-MEDIATED EAR DISORDERS

• TRAITEMENT POUR TROUBLES DES OREILLES A MEDIATION IMMUNITAIRE

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) **RAHMAN, Mahboob, U.;** 54 Forge Road, Sharon, MA 02067 (US). **POE, Dennis, S.;** 30 Tirrell Crescent, Chestnut Hill, MA 02167 (US). **CHOI, Hyon, K.;** 244 Worthen Road East, Lexington, MA 02421 (US).

(74) **ELBING, Karen, L.;** Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).

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

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

(51)⁷ **A61K 31/335**

(11) **WO 01/72299** (13) A1

(21) PCT/US01/09382

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,802 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TAXANE-BASED COMPOSITIONS AND METHODS OF USE

• COMPOSITIONS A BASE DE TAXANE ET PROCEDES D'UTILISATION

(71) **BAKER NORTON PHARMACEUTICALS, INC.** [US/US]; 4400 Biscayne Boulevard, Miami, FL 33137 (US).

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(72, 75) **ZHANG, Kai** [CN/US]; 12700 SW 127 Court, Miami, FL 33156 (US). **SMITH, Gregory, A.** [US/US]; 14025 NW 3rd Avenue, North Miami, FL 33168 (US). **GUTIERREZ-ROCA, Jose, C.** [US/US]; 9816 NW 32nd Street, Miami, FL 33172 (US).

(74) **FOLEY, Shawn, P.** et al. / etc.; Lerner, David, Littenberg, Krumholz, & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **A61K 31/337**

(11) **WO 01/72300** (13) A1

(21) PCT/US01/09416

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,802 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • USES OF METAL SALTS TO STABILIZE TAXANE-BASED COMPOSITIONS

• UTILISATION DE SELS METALLIQUES POUR STABILISER DES COMPOSITIONS A BASE DE TAXANE

(71) **BAKER NORTON PHARMACEUTICALS, INC.** [US/US]; 4400 Biscayne Boulevard, Miami, FL 33137 (US).

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(72, 75) **ZHANG, Kai** [CN/US]; 12700 SW 127 Court, Miami, FL 33156 (US). **SMITH, Gregory, A.** [US/US]; 14025 NW 3rd Avenue, North Miami, FL 33168 (US).

(74) **FOLEY, Shawn, P.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ **A61K 31/35**

(11) **WO 01/72301** (13) A1

(21) PCT/US01/08924

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,803 **24 Mar/mar 2000 US (24.03.2000)**

(30) 09/799,785 **6 Mar/mar 2001 US (06.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTRACORPOREAL MEDICAMENTS FOR PHOTODYNAMIC TREATMENT OF DISEASE

• MEDICAMENTS INTRACORPORELS POUR LE TRAITEMENT PHOTODYNAMIQUE DE MALADIES

(71) **PHOTOGEN, INC.** [US/US]; 7327 Oak Ridge Highway, Knoxville, TN 37931 (US).

(72) **DEES, H, Craig;** 1006 Wyndham Way, Apt. 1517, Knoxville, TN 37923 (US). **SCOTT, Timothy;** 10225 Bob Gray Road, Knoxville, TN 37932 (US). **WACHTER, Eric;** 138 Bay Path Drive, Oak Ridge, TN 37830 (US). **FISHER, Walter;** 2009 Still Water Lane, Knoxville, TN 37922 (US). **SMOLIK, John;** 119 Tanasi Court, Loudon, TN 37774 (US).

- (74) **MANZO, Edward** et al. / etc.; Cook, Alex, McFarron, Manzo, Cummings & Mehler, Ltd., 200 W. Adams St., Ste. 2850, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/421, 31/5375, A61P 25/06, A61K 31/42, G01N 33/68**
- (11) **WO 01/72302** (13) A1
- (21) PCT/GB00/01138
- (22) **24 Mar/mar 2000 (24.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • USE OF PROSTANOID EP4 RECEPTOR ANTAGONISTS FOR THE TREATMENT OF HEADACHE AND ASSAYS FOR SUCH ANTAGONISTS
- UTILISATION DES ANTAGONISTES DU RECEPTEUR EP4 PROSTANOIDE POUR TRAITER LES MAUX DE TETE ET DOSAGES POUR CES ANTAGONISTES
- (71) **PHARMAGENE LABORATORIES LTD.** [GB/GB]; 2A Orchard Road, Royston, Hertfordshire SG8 5HD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAXTER, Gordon, Smith** [GB/GB]; Pharmagene Laboratories Ltd., 2A Orchard Road, Royston, Hertfordshire SG8 5HD (GB). **COLEMAN, Robert, Alexander** [GB/GB]; Pharmagene Laboratories Ltd., 2A Orchard Road, Royston, Hertfordshire SG8 5HD (GB). **TILFORD, Nicholas** [GB/GB]; Pharmagene Laboratories Ltd., 2A Orchard Road, Royston, Hertfordshire SG8 5HD (GB).
- (74) **BRASNETT, Adrian, H.** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/46, C07D 451/04**
- (11) **WO 01/72303** (13) A1
- (21) PCT/US01/08629
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 09/537,668 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SELECTIVE LIGANDS FOR THE DELTA OPIOID RECEPTOR
- LIGANDS SELECTIFS DU RECEPTEUR OPIOIDE DELTA
- (71) **RESEARCH TRIANGLE INSTITUTE** [US/US]; 3040 Cornwallis Road, Research Triangle Park, NC 27709 (US).
- (72) **CARROLL, F., Ivy**; Research Triangle Institute, 3040 Cornwallis Road, Research Triangle Park, NC 27709 (US). **THOMAS, James, B.**; Research Triangle Institute, 3040 Cornwallis Road, Research Triangle Park, NC 27709 (US). **MASCARELLA, S., Wayne**; Research Triangle Institute, 3040 Cornwallis Road, Research Triangle Park, NC 27709 (US).
- (74) **KELLY, James, J.**; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 4th Floor, Crystal Square Five, 1755 Jefferson Davis Highway, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/47, A61P 31/00**
- (11) **WO 01/72304** (13) A1
- (21) PCT/IN00/00031
- (22) **28 Mar/mar 2000 (28.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NOVEL ANTI-MICROBIAL COMPOSITION AND METHOD FOR PRODUCING THE SAME
- NOUVELLE COMPOSITION ANTIMICROBIENNE ET PROCÉDE DE PRODUCTION DE CELLE-CI
- (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; Rafi Marg New Delhi 110 001, Maharashtra (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KHANUJA, Suman, Preet, Singh** [IN/IN]; Central Institute Of Medicinal And Aromatic Plants, Lucknow 226 015, Uttar Pradesh (IN). **SRIVASTAVA, Suchi** [IN/IN]; Central Institute Of Medicinal And Aromatic Plants, Lucknow 226 015, Uttar Pradesh (IN). **SANTHA KUMAR, Ranganathan, Tirupadipuliyur** [IN/IN]; Central Institute Of Medicinal And Aromatic Plants, Lucknow 226 015, Uttar Pradesh (IN). **SHASANY, Ajit, Kumar** [IN/IN]; Central Institute Of Medicinal And Aromatic Plants, Lucknow 226 015, Uttar Pradesh (IN). **JAIN, Dhram, Chand** [IN/IN]; Central Institute Of Medicinal And Aromatic Plants, Lucknow 226 015, Uttar Pradesh (IN). **DAROKAR, Mahendra, Pandurang** [IN/IN]; Central Institute Of Medicinal And Aromatic Plants, Lucknow 226 015, Uttar Pradesh (IN). **SAIKIA, Dharmendra** [IN/IN]; Central Institute Of Medicinal And Aromatic Plants, Lucknow 226 015, Uttar Pradesh (IN). **KUMAR, Sushil** [IN/IN]; Central Institute Of Medicinal And Aromatic Plants, Lucknow 226 015, Uttar Pradesh (IN).
- (74) **GABRIEL, Devadoss, Calab**; Kumaran & Sagar, 84-C, C-6 Lane Off. Central Avenue, Sainik Farms, New Delhi 110 062, Maharashtra (IN).
- (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 31/502, C07D 237/32, A61P 37/02, 39/06, 29/00**
- (11) **WO 01/72305** (13) A1
- (21) PCT/RU01/00086
- (22) **28 Feb/fév 2001 (28.02.2001)**
- (25) ru (26) ru
- (30) 2000107351 **28 Mar/mar 2000 RU (28.03.2000)**
- (30) 2000120270 **1 Aug/août 2000 RU (01.08.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A MEDICAMENT AND METHOD FOR THE PRODUCTION THEREOF
- COMPOSITION MÉDICAMENTEUSE ET PROCÉDÉ DE FABRICATION CORRESPONDANT
- (71) **RAMAZANOV, Ziadin Magomedovich** [RU/RU]; ul. Bratislavskaya, 46-460, Moscow, 109469 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **ABIDOV, Musa Tazhudinovich** [RU/RU]; ul. Lobachevskogo, 94-34, Moscow, 117607 (RU).
- (72, 75) **KHOKHLOV, Alexandr Petrovich** [RU/RU]; ul. Bolshaya Maslovka, 27-2-158, Moscow, 125117 (RU).
- (74) **BREGMAN, Oleg Morduhovich**; a/ya 17, Moscow, 125414 (RU).
- (81) AL AU BA BG CA CN CU CZ EE ES FI GE HR HU IL IN IS JP KP KR LT LV MK NO NZ PL RO SI SK TR UA US UZ YU.
- (84) 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).
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- Published / Publiée : (a)
-
- (51)⁷ **A61K 31/505, 31/495, A61P 25/28, 25/30, 25/32, 25/34, 25/36**
- (11) **WO 01/72306** (13) A1
- (21) PCT/EP01/03411

- (22) **26 Mar/mar 2001 (26.03.2001)**
(25) de (26) de
(30) 100 15 211.2 **27 Mar/mar 2000 DE (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • USE OF DOPAMINE-D₃ RECEPTOR LIGANDS FOR THE TREATMENT OF DISEASES OF THE CENTRAL NERVOUS SYSTEM
• UTILISATION DE LIGANDS DU RECEPTEUR D₃ DE LA DOPAMINE POUR TRAITER DES MALADIES DU SYSTEME NERVEUX CENTRAL

- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **STARCK, Dorothea** [DE/DE]; Kaiser Wilhelm Str. 31, 67059 Ludwigshafen (DE). **TREIBER, Hans, Jörg** [DE/DE]; Sperberweg 1, 68782 Brühl (DE). **UNGER, Liliane** [DE/DE]; Wollstr. 129, 67065 Ludwigshafen (DE). **TESCHENDORF, Hans-Jürgen** [DE/DE]; Georg-Nuss-Str. 5, 67373 Dudenhofen (DE). **GROSS, Gerhard** [DE/DE]; Wimpelingstr. 5, 67346 Speyer (DE).

- (74) **KINZEBACH, Werner** et al. / etc.; Ludwigplatz 4, 67059 Ludwigshafen (DE).

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

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

Published / Publiée : (c)

- (51)⁷ **A61K 31/56**
(11) **WO 01/72307** (13) A1
(21) PCT/US01/10448
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 60/193,005 **29 Mar/mar 2000 US (29.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHODS OF TREATING COGNITIVE DECLINE DISEASE CONDITIONS WITH ANDROGENS
• PROCEDES DE TRAITEMENT DE DECLINS COGNITIFS AU MOYEN D'ANDROGENES

- (71) **THE J. DAVID GLADSTONE INSTITUTES** [US/US]; P.O. Box 419100, San Francisco, CA 94141-9100 (US).
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- (72, 75) **MUCKE, Lennart** [DE/US]; 1036 Jamaica Street, Foster City, CA 94404 (US). **RABER, Jacob** [US/US]; 2135 16th Avenue, San Francisco, CA 94116 (US).

- (74) **FIELD, Bret, E.**; Bozicevic, Field & Francis LLP, Suite 200, 200 Middlefield Road, Menlo Park, CA 94025 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **A61K 31/635, A61P 25/00**
(11) **WO 01/72308** (13) A1
(21) PCT/KR00/00378
(22) **21 Apr/avr 2000 (21.04.2000)**
(25) en (26) en
(30) 2000/15760 **28 Mar/mar 2000 KR (28.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • COMPOSITION AND METHOD FOR INTERVENING NEURONAL DEATH USING SULFASALAZINE
• COMPOSITION ET METHODE PREVENANT LA MORT NEURONALE A L'AIDE DE SULFASALAZINE

- (71) **NEUROTECH CO., LTD.** [KR/KR]; 106, Industrial Academy, Ajou University, 29-9, Wonchun-dong, Paldal-ku, Suwon-si, Kyunggi-do 442-380 (KR).

- (72) **GWAG, Byoung, Joo**; No. 7-703, Kyungnam Apartment, 1028-1, Bangbae-3-dong, Seocho-ku, Seoul 137-063 (KR). **RYU, Bo, Rum**; 101-54, Maetan-1-dong, Paldal-ku, Suwon-si, Kyunggi-do 442-371 (KR). **LEE, Young, Ae**; 77-77, Wonchun-dong, Paldal-ku, Suwon-si, Kyunggi-do 442-380 (KR).

- (74) **YOON, Dong-Yol** et al. / etc.; Yeosam Building, 9th floor, 648-23, Yoksam-dong, Kangnam-ku, Seoul 135-748 (KR).

- (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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

- (51)⁷ **A61K 31/675, 31/44, 31/4415, 31/4355, A61P 9/10, 25/00**

- (11) **WO 01/72309** (13) A2
(21) PCT/IB01/00688
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,774 **28 Mar/mar 2000 US (28.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • TREATMENT OF CEREBROVASCULAR DISEASE

- TRAITEMENT D'UNE MALADIE VASCULAIRE CEREBRALE

- (71) **MEDICURE INTERNATIONAL INC.** [BB/BB]; Second Street, Holetwon, St-James (BB).

- (72) **SETHI, Rajat**; 68 Sauve Crescent, Winnipeg, Manitoba R2N 3K9 (CA). **HAQUE, Wasimul**; 2220 Kaufman Way, Edmonton, Alberta T6L 7E2 (CA).

- (74) **DUBUC, Jean H.**; Goudreau Gage Dubuc, Stock Exchange Tower, 800 Place Victoria, Suite 3400, P. O. Box 2424, Montreal, Quebec (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- (51)⁷ **A61K 33/06, 33/08, 33/10, A61P 1/00, 17/00**

- (11) **WO 01/72310** (13) A1
(21) PCT/AU01/00331
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) PQ 6476 **27 Mar/mar 2000 AU (27.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • PHARMACEUTICAL GEL COMPOSITION
• GELS A USAGE PHARMACEUTIQUE

- (71) **CHILTERN PHARMACEUTICALS PTY LTD** [AU/AU]; Suite 701, 1 Chifley Square, Sydney, NSW 2000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SMITH, Robert, Alan** [AU/AU]; 42 Bigge Street, Liverpool, NSW 2170 (AU).

- (74) **BALDWIN SHELSTON WATERS**; 60 Margaret Street, Sydney, NSW 2000 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **A61K 33/24, A01N 43/04**

- (11) **WO 01/72311** (13) A1
(21) PCT/US01/09516
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en

- (30) 60/192,994 **28 Mar/mar 2000** US
(28.03.2000) TJ TM); OA (BF BJ CF CG CI CM GA GN
GW ML MR NE SN TD TG).
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • INHIBITION OF A NOVEL CALCIUM
INJURY CURRENT THAT FORMS IN
NEURONS DURING INJURY PRE-
VENTS NEURONAL CELL DEATH
- INHIBITION D'UN NOUVEAU COU-
RANT DE LESION CALCIQUE SE
FORMANT DANS LES NEURONES
LORS D'UNE LESION, AFIN DE PRE-
VENIR LA MORT DES CELLULES
NEURONALES
- (71, 72) **DELORENZO, Robert, J.** [US/US];
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- (74) **MARTINEZ DE ANDINO, J., Michael** et
al. / etc.; Hunton & Williams, Riverfront
Plaza, East Tower, 951 East Byrd Street, Rich-
mond, VA 23219-4074 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **A61K 33/34**
- (11) **WO 01/72312** (13) A1
- (21) PCT/US00/35149
- (22) **22 Dec/déc 2000 (22.12.2000)**
- (25) en (26) en
- (30) 60/171,697 **22 Dec/déc 1999** US
(22.12.1999)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ANTIVIRAL THERAPEUTIC COMPO-
SITION AND TREATMENT
- COMPOSITION THERAPEUTIQUE
ANTIVIRALE ET TRAITEMENT AS-
SOCIE
- (71) **VIRON CORPORATION** [LI/CH]; Ruos-
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- (72, 75) **ALLEN, Loyd, V., Jr.** [US/US]; 5905
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- (74) **COHEN, Jerry** et al. / etc.; Perkins, Smith &
Cohen, LLP, One Beacon Street, Boston, MA
02108 (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 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 ZW); EA (AM AZ BY KG KZ MD RU
- (51)⁷ **A61K 35/30, 39/00, 51/00, C12N 5/00,
5/02**
- (11) **WO 01/72314** (13) A1
- (21) PCT/US01/09886
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,521 **28 Mar/mar 2000** US
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • N-CAM BINDING INHIBITS PRO-
LIFERATION OF AND PROMOTES
DIFFERENTIATION OF HIPPOCAM-
PAL PROGENITOR CELLS
- LIAISON DE LA MOLECULE D'ADHE-
RENCE CELLULAIRE NEURONALE
(N-CAM) PERMETTANT D'INHIBER
LA PROLIFERATION ET DE FAVO-
RISER LA DIFFERENTIATION CEL-
LULAIRE DE CELLULES SOUCHES
HIPPOCAMPIQUES
- (71) **THE SCRIPPS RESEARCH INSTITUTE**
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TRY, Sanjay** [CA/US]; 8662 Via Sonoma,
No. 99, La Jolla, CA 92037 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).
-
- (51)⁷ **A61K 35/78, 7/48, A61P 17/00**
- (11) **WO 01/72315** (13) A1
- (21) PCT/EP01/03417
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) de (26) de
- (30) 100 15 353.4 **28 Mar/mar 2000** DE
(28.03.2000)
- (30) 100 56 902.1 **16 Nov/nov 2000** DE
(16.11.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • EMULSION CONTAINING A PLANT
EXTRACT, METHOD FOR PRODUC-
ING SAID EMULSION AND FOR OB-
TAINING A PLANT EXTRACT
- EMULSION CONTENANT UN EX-
TRAIT DE PLANTE, PROCEDE POUR
PRODUIRE CETTE EMULSION ET
POUR OBTENIR CET EXTRACT DE
PLANTE
- (71) **BIRKEN GMBH** [DE/DE]; Am Eichhof,
75223 Niefern-Öschelbronn (DE).
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- (72, 75) **SCHEFFLER, Armin** [DE/DE];
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(DE).
- (74) **BICKEL, Michael**; Westphal, Mussnug
& Partner, Mozartstrasse 8, 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
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- Published / Publiée : (c)

- (51)⁷ **A61K 35/78, A61P 3/10**
 (11) **WO 01/72316** (13) A1
 (21) PCT/IB00/00405
 (22) **30 Mar/mar 2000 (30.03.2000)**
 (25) en (26) en
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) ● AYURVEDIC COMPOSITION FOR DIABETES
 ● COMPOSITION AYURVEDIQUE POUR LE TRAITEMENT DU DIABETE
 (71, 72) **HETTIGODA, Victor** [LK/LK]; 33/3, Sri Dharmarama Road, Ratmalana (LK).
 (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 LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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- (51)⁷ **A61K 35/78**
 (11) **WO 01/72317** (13) A1
 (21) PCT/IN00/00033
 (22) **28 Mar/mar 2000 (28.03.2000)**
 (25) en (26) en
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) ● FORMULATION COMPRISING THYMOL USEFUL IN THE TREATMENT OF DRUG RESISTANT BACTERIAL INFECTIONS
 ● FORMULATION COMPRENANT DU THYMOL UTILE DANS LE TRAITEMENT DES INFECTIONS BACTERIENNES RESISTANT AUX BACTERIES
 (71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; An Indian Registered Body Incorporated under the Registration of Societies Act (Act XXI of 1860), Rafi Marg, New Delhi 110 001 (IN).
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- (72, 75) **KHANUJA, Suman, Preet, Singh** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SRIVASTAVA, Suchi** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SHASNEY, Ajit, Kumar** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **DAROKAR, Mahendra, Pandurang** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **SANTHA KUMAR, Tiruppadiripuliyur** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **AGARWAL, Krishna, Kumar** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. CIMAP, Lucknow 226 015, Uttar Pradesh (IN). **AHMAD, Atique** [IN/IN]; Central Institute

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- (74) **GABRIEL, Devadoss, Calab;** Kumaran & Sagar, 84-C, C-6 Lane, (Off Central Avenue), Sainik Farms, New Delhi 110 062 (IN).
 (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 LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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- (51)⁷ **A61K 35/78**
 (11) **WO 01/72318** (13) A1
 (21) PCT/US00/27086
 (22) **2 Oct/oct 2000 (02.10.2000)**
 (25) en (26) en
 (30) 09/537,211 **29 Mar/mar 2000 US (29.03.2000)**
 (30) 09/637,840 **10 Aug/août 2000 US (10.08.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) ● TEA CATECHINS IN SUSTAINED RELEASE FORMULATIONS AS CANCER SPECIFIC PROLIFERATION INHIBITORS
 ● CATECHINES DU THE PRESENTES DANS DES FORMULATIONS A LIBERATION LENTE EN TANT QU'INHIBITEURS DE PROLIFERATION SPECIFIQUES DU CANCER

- (71) **PURDUE RESEARCH FOUNDATION** [US/US]; Purdue University, 1063 Hovde Hall, West Lafayette, IN 47907-1063 (US). **PHARMANEX, INC.** [US/US]; Suite 701, 2000 Sierra Point Parkway, Brisbane, CA 94005-1935 (US).
 (72) **MORRE, Dorothy, M.;** 1112 Cherry Lane, West Lafayette, IN 47906 (US). **MORRE, D., James;** 1112 Cherry Lane, West Lafayette, IN 47906 (US). **COOPER, Raymond;** 476 Sylvan Avenue, Mountain View, CA 94041 (US). **CHANG, Michael, N.;** 151 Cliff Swallow Court, Brisbane, CA 94005 (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 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁷ **A61K 35/78**
 (11) **WO 01/72319** (13) A1
 (21) PCT/US00/27087
 (22) **2 Oct/oct 2000 (02.10.2000)**
 (25) en (26) en
 (30) 09/537,211 **29 Mar/mar 2000 US (29.03.2000)**
 (30) 09/640,768 **17 Aug/août 2000 US (17.08.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) ● TEA CATECHIN FORMULATIONS AND PROCESSES FOR MAKING SAME
 ● FORMULATIONS DE CATECHINES DU THE ET PROCEDES DE FABRICATION ASSOCIES

- (71) **PURDUE RESEARCH FOUNDATION** [US/US]; Purdue University, 1063 Hovde Hall, West Lafayette, IN 47907-1063 (US). **PHARMANEX, INC.** [US/US]; Suite 701, 2000 Sierra Point Parkway, Brisbane, CA 94005-1935 (US).
 (72) **MORRE, Dorothy, M.;** 1112 Cherry Lane, West Lafayette, IN 47906 (US). **MORRE, D., James;** 1112 Cherry Lane, West Lafayette, IN 47906 (US). **COOPER, Raymond;** 476 Sylvan Avenue, Mountain View, CA 94041 (US). **SUN, Howard;** 780 Pradera Way, San Ramon, CA 94583 (US). **YE, Qing;** 118 Bao Lin Yi Cun, #503, Shanghai 201900 (CN).
 (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 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 LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁷ **A61K 38/00, A61P 5/00, 5/48**
 (11) **WO 01/72320** (13) A1
 (21) PCT/AU01/00348
 (22) **28 Mar/mar 2001 (28.03.2001)**
 (25) en (26) en
 (30) PQ 6565 **28 Mar/mar 2000 AU (28.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A METHOD OF TREATMENT OF METABOLIC DISORDERS AND AGENTS USEFUL FOR SAME
● METHODE DE TRAITEMENT DE TROUBLES METABOLIQUES ET AGENTS UTILES POUR LADITE METHODE
- (71) **AUTOGEN RESEARCH PTY LTD** [AU/AU]; 210 Kings Way, South Melbourne, Victoria 3205 (AU).
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- (72, 75) **COLLIER, Gregory, Royce** [AU/AU]; 22 Kestrel Place, Ocean Grove, Victoria 3226 (AU). **WALDER, Kenneth, Russell** [AU/AU]; 54 Lake Avenue, Ocean Grove, Victoria 3226 (AU). **ZIMMET, Paul, Zev** [AU/AU]; 24 Linlithgow Road, Toorak, Victoria 3142 (AU). **KANTHAM, Lakshmi** [US/AU]; 6/21 Glastonbury Drive, Highton, Victoria 3216 (AU).
- (74) **ARGAET, Victor, Peter** et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/00, A61P 29/00, 19/00, 43/00**
- (11) **WO 01/72321** (13) A1
- (21) PCT/JP01/02737
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-098309 **31 Mar/mar 2000** JP
(31.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● γ -SECRETASE-LIKE PROTEASE INHIBITORS
● INHIBITEURS DE PROTEASE DU TYPE γ -SECRETASE
- (71) **ST. MARIANNA UNIVERSITY SCHOOL OF MEDICINE** [JP/JP]; 16-1, Sugao 2-chome, Miyamae-ku, Kawasaki-shi, Kanagawa 216-8511 (JP). **SANTEN PHARMACEUTICAL CO., LTD.** [JP/JP]; 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 (JP).
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- (72, 75) **NAKAJIMA, Toshihiro** [JP/JP]; (816-103), 10-1, Azuma 2-chome, Tsukuba-shi, Ibaraki 305-0031 (JP). **YOSHINO, Shinichi** [JP/JP]; 35-4, Asahicho 2-chome, Nerima-ku, Tokyo 179-0071 (JP). **NISHIOKA, Kusuki** [JP/JP]; 1-5-802, Hiroo 4-chome, Shibuya-ku, Tokyo 150-0012 (JP). **SASANO, Minoru** [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., LTD., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 (JP). **AONO, Hiroyuki** [JP/JP]; c/o SANTEN PHARMACEUTICAL CO., LTD., 9-19, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-8651 (JP).
- (74) **YASUTOMI, Yasuo** et al. / etc.; Chuo Building, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/00**
- (11) **WO 01/72322** (13) A2
- (21) PCT/NL01/00255
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 00201110.4 **27 Mar/mar 2000** EP
(27.03.2000)
- (30) 60/193,352 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● HIGH DOSAGE PARENTERAL ADMINISTRATION OF LACTOFERRIN
● ADMINISTRATION PARENTERALE DE FORTES DOSES DE LACTOFERRINE
- (71) **PHARMING INTELLECTUAL PROPERTY B.V.** [NL/NL]; P.O. Box 451, NL-2300 AL Leiden (NL).
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- (72, 75) **VAN BREE, Johannes, Bernardus, Mathias, Marie** [NL/NL]; Dotterbloemstraat 27, NL-2153 ES Nieuw Vennepe (NL). **NUIJENS, Johannes, Henricus** [NL/NL]; Zevenhuizerlaan 42, NL-1851 MV Heiloo (NL).
- (74) **JORRITSMA, Ruurd**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/00**
- (11) **WO 01/72323** (13) A2
- (21) PCT/US01/09230
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) en (26) en
- (30) 60/192,103 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● USE OF INSULIN FOR THE TREATMENT OF CARTILAGENOUS DISORDERS
● UTILISATION DE L'INSULINE POUR TRAITER DES AFFECTIONS DES CARTILAGES
- (71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).
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- (72, 75) **FILVAROFF, Ellen, H.** [US/US]; 538 18th Avenue, San Francisco, CA 94121 (US). **OKUMU, Franklin, W.** [US/US]; 3882 Shafter Avenue, Oakland, CA 94609 (US).
- (74) **SVOBODA, Craig, G.** 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 38/00, A61P 25/28, C07K 5/06**
- (11) **WO 01/72324** (13) A1
- (21) PCT/US01/09703
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,517 **28 Mar/mar 2000** US
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● LACTAMS AS INHIBITORS OF A-BETA PROTEIN PRODUCTION
● LACTAMES EN TANT QU'INHIBITEURS DE PRODUCTION DE PROTEINES A-BETA
- (71) **DUPONT PHARMACEUTICALS COMPANY** [US/US]; Chestnut Run Plaza, 974 Centre Road, Wilmington, DE 19805 (US).
- (72) **THOMPSON, Lorin, Andrew**; 600 Silver-side Road, Wilmington, DE 19809 (US).
- (74) **LARSEN, Scott, K.**; Dupont Pharmaceuticals Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AT AU BR CA CH CN CZ DE DK EE ES FI GB HU IN JP KR LT LU LV MX PL PT RO SE SG SI SK UA VN ZA.
- (84) 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).

- (51)⁷ **A61K 38/17, 45/00, C07K 4/12**
(11) **WO 01/72325** (13) A1
(21) PCT/US01/40390
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 60/192,814 **29 Mar/mar 2000** US
(29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHODS OF BLOCKING TISSUE DESTRUCTION BY AUTOREACTIVE T CELLS
● PROCEDES PERMETTANT D'INHIBER LA DESTRUCTION TISSULAIRE INDUITE PAR LES LYMPHOCYTES T AUTOREACTIFS
(71) **THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION** [US/US]; 1960 Kenny Road, Columbus, OH 43210 (US).
(72) **LIU, Yang**; 1474 Bridgeton Drive, Columbus, OH 43220 (US). **ZHENG, Pan**; 1474 Bridgeton Drive, Columbus, OH 43220 (US). **BAI, Xue-Feng**; 520 Stinchcomb Drive #6, Columbus, OH 43202 (US).
(74) **DOCHERTY, Pamela, A.**; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).
(81) AU CA JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)⁷ **A61K 38/22, A61P 25/00, 25/28**
(11) **WO 01/72326** (13) A1
(21) PCT/GB01/01351
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 0007856.8 **31 Mar/mar 2000** GB
(31.03.2000)
(30) 60/235,849 **27 Sep/sep 2000** US
(27.09.2000)
(30) 0031067.2 **19 Dec/déc 2000** GB
(19.12.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● USE OF CRF RECEPTOR AGONISTS FOR THE TREATMENT OR PROPHYLAXIS OF DISEASES, FOR EXAMPLE NEURODEGENERATIVE DISEASES
● UTILISATION D'AGONISTES DES RECEPTEURS DE CRF POUR LE TRAITEMENT OU LA PREVENTION DE MALADIES, NOTAMMENT DE MALADIES NEURODEGENERATIVES
(71) **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
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- (72, 75) **FACCI, Laura** [IT/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **SKAPER, Stephen, Drake** [US/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **STRIJBOS, Paul, Johannes, Leonardus, Maria** [NL/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

- (74) **WATERS, David, Martin**; Corporate Intellectual Property, SmithKline Beecham, Two New Horizons Court, Brentford, Middlesex TW8 9EP (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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- (51)⁷ **A61K 38/44, A61P 1/00**
(11) **WO 01/72327** (13) A2
(21) PCT/FR01/00939
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) fr (26) fr
(30) 00/03887 **28 Mar/mar 2000** FR
(28.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● USE OF ANALOGUES OF SUPEROXIDE DISMUTASE FOR TREATING HEPATOCELLULAR INSUFFICIENCIES
● UTILISATION DE MIMETIQUES DE LA SOD DANS LE TRAITEMENT D'INSUFFISANCES HEPATOCELLULAIRES
(71) **UNIVERSITE RENE DESCARTES (PARIS V)** [FR/FR]; 12, rue de l'Ecole de Médecine, F-75006 Paris (FR).
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- (72, 75) **WEILL, Bernard** [FR/FR]; 7, allée Mauchain, F-95600 Eaubonne (FR). **BATTEUX, Frédéric** [FR/FR]; 17, rue Desnouettes, F-75015 Paris (FR). **FERRERET, Pierre-Jacques** [FR/FR]; 38-40, rue Stephenson, F-75018 Paris (FR).
(74) **VIALLE-PRESLES, Marie-José** et al. / etc.; Cabinet Orès, 6, avenue de Messine, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **A61K 38/48, C12Q 1/68, A61P 1/00, 3/00, 7/00, 11/00, 13/00, 17/00, 19/00, 25/00, 31/00, 35/00 // G01N 33/50**
(11) **WO 01/72328** (13) A2
(21) PCT/US01/05823

- (22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 60/192,755 **28 Mar/mar 2000** US
(28.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHODS OF TREATING DISEASES WITH ACTIVATED PROTEIN C
● METHODES DE TRAITEMENT DE MALADIES A L'AIDE DE LA PROTEINE C ACTIVEE
(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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- (74) **APELGREN, Lynn, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Drop Code 1104, Indianapolis, IN 46285 (US).

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

- (51)⁷ **A61K 39/00, A01N 63/00**
(11) **WO 01/72329** (13) A1
(21) PCT/US01/09736
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 09/537,642 **29 Mar/mar 2000** US
(29.03.2000)
(30) 09/735,450 **13 Dec/déc 2000** US
(13.12.2000)
(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● COMPOSITIONS AND METHODS FOR ENHANCING IMMUNOGENICITY OF ANTIGENS
● COMPOSITIONS ET PROCEDES RENFORÇANT L'IMMUNOGENICITE D'ANTIGENES

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- (74) **LICATA, Jane, Massey** et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 39/00**
- (11) **WO 01/72330** (13) A2
- (21) PCT/US01/09816
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,727 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **METHODS FOR IMMUNOSTIMULATION USING BINDING AGENTS FOR THE FC RECEPTOR OF IMMUNOGLOBULIN A**
- **PROCEDES D'IMMUNOSTIMULATION A L'AIDE D'AGENTS LIANTS POUR LE RECEPTEUR FC DE L'IMMUNOGLOBULINE A**
- (63) US 60/192,727 (CON) 27 Mar/mar 2000 (27.03.2000)
- (71) **MEDAREX, INC.** [US/US]; 1545 Route 22 East, P.O. Box 953, Annandale, NJ 08801-0953 (US).
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- (72, 75) **VAN DE WINKEL, Jan, G., J.** [NL/NL]; Werdorperwaard 1A, NL-3984 PR Odijk (NL).
- (74) **REMILLARD, Jane, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 39/39, C07K 14/495, A61P 37/04 // A61K 39/02, 39/23**
- (11) **WO 01/72331** (13) A1
- (21) PCT/DK01/00218
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) en (26) en
- (30) PA 2000 00540 **31 Mar/mar 2000 DK (31.03.2000)**
- (30) 60/246,973 **13 Nov/nov 2000 US (13.11.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **IMMUNOSTIMULATING PROPERTIES OF A FRAGMENT OF TGF-BETA**
- **PROPRIETES IMMUNOSTIMULANTES D'UN FRAGMENT DE TGF-BETA**
- (71) **VACCINE CHIP TECHNOLOGY APS** [DK/DK]; Kaerloden 129, DK-2760 Maaloev (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAASTRUP, Peter** [DK/DK]; Kaerloden 129, DK-2760 Maaloev (DK).
- (74) **HØIBERG APS**; St. Kongensgade 59 B, DK-1264 Copenhagen K (DK).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 39/395, C07K 16/00, C07H 21/04, C12P 19/34, C12N 15/00, G01N 33/53**
- (11) **WO 01/72332** (13) A1
- (21) PCT/US01/09378
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/191,768 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 60/225,618 **15 Aug/août 2000 US (15.08.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **METHOD OF SCREENING FOR TRANSCRIPTIONAL COREGULATORY PROTEINS OF TRANSCRIPTION FACTORS**
- **PROCEDE DE CRIBLAGE DE PROTEINES COREGULATRICES TRANSCRIPTIONNELLES DE FACTEURS DE TRANSCRIPTION**
- (71) **NEW YORK UNIVERSITY** [US/US]; 70 Washington Square, New York, NY 10012 (US).
- (72) **GARABEDIAN, Michael**; 3 Washington Square Village, Apt. 15-I, New York, NY 10012 (US). **TANEJA, Samir**; 620 Bridle Path, Wyckoff, NJ 07481 (US). **HITTELMAN, Adam**; 415 E. 37th Street, New York, NY 10016 (US). **MARKUS, Steven**; 99 15th Street, Apt. 1R, Brooklyn, NY 11215 (US).
- (74) **YUN, Allen, C.** et al. / etc.; Browdy and Neimark, P.L.L.C., 624 Ninth Street N.W., Suite 300, Washington, DC 20001-5303 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **A61K 39/395, 38/20, A61P 35/00 // (A61K 39/395, 38/20)**
- (11) **WO 01/72333** (13) A1
- (21) PCT/US01/09413
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,047 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● **METHODS OF THERAPY FOR NON-HODGKIN'S LYMPHOMA USING A COMBINATION OF AN ANTIBODY TO CD20 AND INTERLEUKIN-2**
- **METHODES DESTINEES A TRAITER UN LYMPHOME NON HODGKINIEN AU MOYEN D'UNE COMBINAISON D'INTERLEUKINE 2 AVEC UN ANTICORPS ANTI-CD20**
- (71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US). **UNIVERSITY OF ROCHESTER** [US/US]; Office of Technology Transfer, 518 Hyland Building, Rochester, NY 14627 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOLIN, Maurice, J.** [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US). **ROSENBLATT, Joseph, D.** [US/US]; 88 Southern Parkway, Rochester, NY 14618 (US).
- (74) **HENRY, Leslie, T.**; Alston & Bird, LLP, Bank of America Plaza, 101 South Tryon Street, Suite 4000, Charlotte, NC 28280-4000 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility

model / modèle d'utilité) DM DZ EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SK (Utility model
/ modèle d'utilité) 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 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 GW ML MR
NE SN TD TG).

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(51)⁷ **A61K 39/395, A61P 31/00, 37/00**

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(21) PCT/US01/09912

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/535,598 **27 Mar/mar 2000 US
(27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR TREATING DISEASE
WITH ANTIBODIES TO CXCR3
• PROCEDES DE TRAITEMENT DE
MALADIE AVEC DES ANTICORPS
DIRIGES CONTRE CXCR3

(71) **CORIXA CORPORATION** [US/US]; 1124
Columbia Street, Ste. 200, Seattle, WA 98104
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les États désignés sauf US)

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monetta** [IT/US]; 4290 Wilkie Way, Apt. #P,
Palo Alto, CA 94306 (US).

(74) **BAUDE, Eric, J.** 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **A61K 45/00**

(11) **WO 01/72335** (13) A2

(21) PCT/CA01/00391

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,585 **28 Mar/mar 2000 US
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR EFFECTING NEURO-
PROTECTION
• PROCEDES DE MISE EN OEUVRE DE
NEUROPROTECTION

(71) **QUEEN'S UNIVERSITY AT KINGSTON**
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(72) **FERGUSON, Alastair, V.**; 572 Rankin
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(74) **STEEG, Carol, Miernicki** et al. / etc.;
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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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ **A61K 47/48**

(11) **WO 01/72336** (13) A1

(21) PCT/GB01/01354

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0007343.7 **28 Mar/mar 2000 GB
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOUNDS FOR TARGETING
• COMPOSES DE MARQUAGE

(71) **ANTISOMA RESEARCH LIMITED**
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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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
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(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 0007432.8 **27 Mar/mar 2000 GB
(27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROTEINS FOR USE AS CARRIERS IN
CONJUGATE VACCINES
• PROTEINES UTILISEES COMME
TRANSPORTEUSES DANS DES VAC-
CINS CONJUGUES

(71) **MICROBIOLOGICAL RESEARCH AU-
THORITY** [GB/GB]; CAMR, Porton Down,
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(72, 75) **GORRINGE, Andrew, Richard**
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thority, CAMR, Porton Down, Salisbury,
Wiltshire SP4 0JG (GB). **ROBINSON, An-
drew** [GB/GB]; Microbiological Research
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bury, Wiltshire SP4 0JG (GB). **HUDSON,
Michael, John** [GB/GB]; Microbiologi-
cal Research Authority, CAMR, Porton
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REDDIN, Karen, Margaret [GB/GB]; Mi-
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(GB).

(74) **MACLEAN, Martin, Robert** et al. / etc.;
Mathys & Squire, 100 Gray's Inn Road, Lon-
don WC1X 8AL (GB).

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

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(11) **WO 01/72338** (13) A1

(21) PCT/IB01/00321

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 2000/1567 **28 Mar/mar 2000 ZA
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ALPRAZOLAM INCLUSION COM-
PLEXES AND PHARMACEUTICAL
COMPOSITIONS THEREOF
• COMPLEXES D'INCLUSION D'AL-
PRAZOLAME ET COMPOSITIONS
PHARMACEUTIQUES LES CONTE-
NANT

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(72, 75) **PENKLER, Lawrence, John** [ZA/ZA]; 20 Camelia Crescent, Sunridge Park, 6045 Port Elizabeth (ZA).

(74) **GILSON, David, Grant** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61K 48/00, 47/48, 38/00, A61P 9/10**

(11) **WO 01/72339** (13) A2

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(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/193,269 **30 Mar/mar 2000 US (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD OF TREATMENT OF CONDITIONS INVOLVING OBSTRUCTION OF BLOOD FLOW

● PROCEDE DE TRAITEMENT D'ETATS ENGENDRANT L'OBSTRUCTION DU FLUX SANGUIN

(71) **YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM** [IL/IL]; 46 Jabotinsky Street, 92182 Jerusalem (IL).

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(72, 75) **KESHET, Eli** [IL/IL]; 14 Kamzon Street, Ramot B, 97242 Jerusalem (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 48/00, 39/21, 35/76, A61P 31/18 // C12N 7/01, 15/48, 15/86**

(11) **WO 01/72340** (13) A1

(21) PCT/JP01/02769

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 60/193,127 **30 Mar/mar 2000 US (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AIDS VIRUS VACCINE WITH THE USE OF SENDAI VIRUS VECTOR

● VACCIN CONTRE LE VIRUS DU SIDA, CONTENANT UN VECTEUR DU VIRUS DE SENDAI

(71) **DNAVEC RESEARCH INC.** [JP/JP]; 25-11 CKannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (JP). **JAPAN as represented by DIRECTOR GENERAL OF NATIONAL INSTITUTE OF INFECTIOUS DISEASES** [JP/JP]; 1-23-1, Toyama, Shinjuku-ku, Tokyo 162-8640 (JP).

(72) **KANO, Munehide**; 3-12-3-201, Higashitoyoda, Hino-shi, Tokyo 191-0052 (JP). **MATANO, Tetsuro**; 2-1-12-203, Kodo, Adachi-ku, Tokyo 120-0013 (JP). **KATO, Atsushi**; Shinmeidai Jutaku 807, 2-5-33, Shinmeidai, Hamura-shi, Tokyo 205-0023 (JP). **NAGAI, Yoshiyuki**; Hara-machi Jutaku 104, 11-17, Ebisuminami 3-chome, Shibuya-ku, Tokyo 150-0022 (JP). **HASEGAWA, Mamoru**; c/o DNAVEC Research Inc., 25-11 CKannondai 1-chome, Tsukuba-shi, Ibaraki 305-0856 (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 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 KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(v) for all designations / pour toutes les désignations

(51)⁷ **A61K 48/00, C12N 15/861, A61P 35/00**

(11) **WO 01/72341** (13) A2

(21) PCT/US01/09042

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/192,015 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHODS OF TREATING NEOPLASIA WITH COMBINATIONS OF TARGET CELL-SPECIFIC ADENOVIRUS, CHEMOTHERAPY AND RADIATION

● METHODES DE TRAITEMENT DE LA NEOPLASIE AVEC DES ADENOVIRUS SPECIFIQUES DES CELLULES CIBLES ASSOCIES A LA CHIMIOTHERAPIE ET A LA RADIOTHERAPIE

(71) **CALYDON, INC.** [US/US]; 1324 Chesapeake Terrace, Sunnyvale, CA 94089 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YU, De-Chao** [CN/US]; 352 Dolphin Isle, Foster City, CA 94404 (US). **CHEN, Yu** [US/US]; 10511 John Way, Cupertino, CA 95014 (US). **HENDERSON, Daniel, R.**

[US/US]; 955 Matadero Avenue, Palo Alto, CA 94306 (US).

(74) **GLAISTER, Debra, J.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **A61K 51/12**

(11) **WO 01/72342** (13) A1

(21) PCT/BE01/00050

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007315.5 **27 Mar/mar 2000 GB (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● GASTRIC EMPTYING TEST-KIT AND METHOD OF TESTING GASTRIC EMPTYING OF SOLID MEAL

● TROUSSE DE TEST DESTINEE A L'EVACUATION GASTRIQUE ET PROCEDE PERMETTANT DE TESTER L'EVACUATION GASTRIQUE D'UN ALIMENT SOLIDE

(71) **K.U.LEUVEN RESEARCH & DEVELOPMENT** [BE/BE]; Groot Begijnhof, Benedenstraat 59, B-3000 Leuven (BE).

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(74) **K.U.LEUVEN RESEARCH AND DEVELOPMENT**; Ivo Roelants - IPR Officer, Groot Begijnhof, Benedenstraat 59, B-3000 Leuven (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

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(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **A61L 2/08, 9/00, A01N 1/00, 2/00, B09B 1/00, C09K 17/00**

(11) **WO 01/72343** (13) A1

(21) PCT/US01/09506

(22) **23 Mar/mar 2001 (23.03.2001)**

- (25) en (26) en
(30) 60/192,065 **24 Mar/mar 2000** US
(24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • DECONTAMINATION OF SOIL AND GROUNDWATER
• DECONTAMINATION DES SOLS ET DES EAUX SOUTERRAINES
(71, 72) **SMITH, Keith, L.** [US/US]; 203 South Quirk, Grantsville, UT 84029 (US).
(74) **SONNTAG, James, L.**; P.O. Box 21, Heber City, UT 84032 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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- (51)⁷ **A61L 2/16, 9/14, A62D 3/00, A01N 33/12**
(11) **WO 01/72344** (13) A1
(21) PCT/US01/09922
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,773 **28 Mar/mar 2000** US
(28.03.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) • DECONTAMINATION OF SURFACES EXPOSED TO BIOLOGICAL WARFARE AGENTS
• DECONTAMINATION DE SURFACES EXPOSEES A DES AGENTS DE GUERRE BIOLOGIQUE

- (71) **TRIPLE R HOLDING, INC.** [US/US]; 4801 North Shore Drive, North Little Rock, AR 72118 (US).
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- (71, 72) **MARSDEN, James, L.** [US/US]; 226 Weber Hall, Kansas State University, Animal Sciences, Manhattan, KS 66506 (US).

- (74) **ROGERS, Mark, A.**; Speed & Rogers, P.A., Suite 125, 1701 Centerview Drive, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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- (51)⁷ **A61L 9/03**
(11) **WO 01/72345** (13) A1
(21) PCT/FR01/00792
(22) **16 Mar/mar 2001 (16.03.2001)**
(25) fr (26) fr
(30) 00/03841 **27 Mar/mar 2000** FR
(27.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • LIGHT-EMITTING PERFUME DIFFUSER
• DIFFUSEUR LUMINEUX DE PARFUM
(71) **C.I.R.** [FR/FR]; Saint Hilaire Le Chatel, F-61400 Mortagne au Perche, _ (FR).
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(72, 75) **ZANIEWSKI, Casimir** [FR/FR]; -, Chemin du Ponton, F-74290 Angon Talloires (FR).

- (74) **CABINET DE BOISSE ET COLAS**; 37, avenue Franklin D. Roosevelt, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **A61L 9/12, B05B 7/24**
(11) **WO 01/72346** (13) A1
(21) PCT/DE01/01104
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) de (26) de
(30) 100 14 339.3 **24 Mar/mar 2000** DE
(24.03.2000)
(30) 100 33 917.4 **12 Jul/juil 2000** DE
(12.07.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) • NOZZLE FOR DISSEMINATING ACTIVE SUBSTANCES
• BUSE DE DISTRIBUTION D'AGENTS ACTIFS

- (71) **AEROME GMBH SCENT SYSTEM ENGINEERING** [DE/DE]; Neuer Zollhof 1, 40221 Düsseldorf (DE).
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- (72, 75) **MEIRE, Marc** [DE/DE]; Starenweg 11, 50226 Frechen (DE).

- (74) **BOEHMERT & BOEHMERT**; Hollerallee 32, 28209 Bremen (DE).

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

- MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

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- (51)⁷ **A61L 27/60, 27/54, A61K 45/00, 38/07, 7/40, 7/48, 7/00, 35/78, 31/44, A61P 17/00**
(11) **WO 01/72347** (13) A1
(21) PCT/JP01/02507
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-87574 **27 Mar/mar 2000** JP
(27.03.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) • AGENTS PROMOTING THE FORMATION OF SKIN BASEMENT MEMBRANE, AGENTS PROMOTING THE FORMATION OF ARTIFICIAL SKIN AND PROCESS FOR PRODUCING ARTIFICIAL SKIN
• AGENTS FAVORISANT LA FORMATION D'UNE MEMBRANE DE BASE DE LA PEAU, AGENTS FAVORISANT LA FORMATION D'UNE PEAU ARTIFICIELLE ET PROCEDE DE PRODUCTION DE PEAU ARTIFICIELLE

- (71) **SHISEIDO COMPANY, LTD.** [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP).
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- (72, 75) **AMANO, Satoshi** [JP/JP]; C/O SHISEIDO RESEARCH CENTER(KANAZAWA HAKKEI), 2-12-1, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-8643 (JP). **MATSUNAGA, Yukiko** [JP/JP]; C/O SHISEIDO RESEARCH CENTER(KANAZAWA HAKKEI), 2-12-1, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-8643 (JP). **INOMATA, Shinji** [JP/JP]; C/O SHISEIDO RESEARCH CENTER(SHIN-YOKOHAMA), 2-2-1, Hayabuchi, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (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) CN KR US.

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

- (51)⁷ **A61L 29/14, C10M 173/02**
(11) **WO 01/72348** (13) A1
(21) PCT/DE01/01294
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) de (26) de
(30) 100 15 478.6 **29 Mar/mar 2000** DE
(29.03.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • USE OF CELLULOSE ETHER FOR PRODUCING A MEDICAL LUBRICANT

- UTILISATION D'ETHERS DE CELLULOSE POUR PRODUIRE UN LUBRIFIANT A USAGE MEDICAL
- (71, 72) **PANZER, Daniel** [DE/DE]; Weinbergstr. 8, 14469 Potsdam (DE).
- (74) **JUNGBLUT, Bernhard Albrecht, Lüke & Jungblut** et al. / etc.; Gelfertstrasse 56, 14195 Berlin (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 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 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 GW ML MR NE SN TD TG).

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(51)⁷ A61L 31/18, 31/02, A61F 2/06

(11) WO 01/72349 (13) A1

(21) PCT/US01/09068

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(30) 09/534,071 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • RADIOPAQUE INTRALUMINAL STENT
- STENT INTRALUMINAL RADIO-PAQUE

(71) **ADVANCED CARDIOVASCULAR SYSTEMS, INC.** [US/US]; 3200 Lakeside Drive, Santa Clara, CA 95054-2807 (US).

(72) **PACETTI, Stephen**; 4578 Madoc Way, San Jose, CA 95130 (US). **KRAMER, Pamela, A.**; 3046 Fowler Road, San Jose, CA 95135 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ A61M 1/00

(11) WO 01/72350 (13) A1

(21) PCT/US00/08594

(22) 31 Mar/mar 2000 (31.03.2000)

(25) en (26) en

(30) 60/192,751 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • MEDICAL SUCTION APPARATUS AND METHODS FOR DRAINING SAME

- INSTRUMENT D'ASPIRATION MEDICALE ET PROCÉDES DE VIDANGE DE L'INSTRUMENT

(71) **BEMIS MANUFACTURING COMPANY** [US/US]; 300 Mill Street, Sheboygan Falls, WI 53085-0901 (US).

(72) **ANDERSON, Barry, G.**; 1728 North 13th Street, Sheboygan, WI 53081 (US). **HAND, Joseph, M.**; 436 Prospect Avenue, Sheboygan Falls, WI 53085 (US).

(74) **STRANDT, Billie, Jean**; Michael Best & Friedrich LLP, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (US).

(81) CA.

(51)⁷ A61M 1/00

(11) WO 01/72351 (13) A2

(21) PCT/US01/40329

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en (26) en

(30) 60/192,219 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • VENTRICULAR ASSIST SYSTEM SECONDARY IMPELLER

- ROUE SECONDAIRE DE SYSTEME D'ASSISTANCE VENTRICULAIRE

(71) **THE CLEVELAND CLINIC FOUNDATION** [US/US]; 9500 Euclid Avenue, Cleveland, OH 44106 (US).
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(72, 75) **HORVATH, David** [US/US]; 19770 Seminole Road, Euclid, OH 44117 (US). **GOLDING, Leonard, A., R.** [US/US]; 16650 Auburn Road, Auburn Township, OH 44026 (US). **SMITH, William, A.** [US/US]; 5223 Haverford Drive, Lyndhurst, OH 44124 (US).

(74) **NAUMAN, Timothy, E.**; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ A61M 1/00

(11) WO 01/72352 (13) A2

(21) PCT/US01/08776

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en (26) en

(30) 60/192,221 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • CHRONIC PERFORMANCE CONTROL SYSTEM FOR ROTODYNAMIC BLOOD PUMPS

- SYSTEME DE CONTROLE CHRONIQUE DU RENDEMENT DES POMPES SANGUINES ROTODYNAMIQUES

(71) **THE CLEVELAND CLINIC FOUNDATION** [US/US]; 9500 Euclid Avenue, Cleveland, OH 44106 (US).

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

(72, 75) **MEDVEDEV, Alexander** [US/US]; 4304 Lander Road, Orange Village, OH 44022 (US). **GOLDING, Leonard, A., R.** [US/US]; 16650 Auburn Road, Auburn Township, OH 44026 (US). **MASSIELLO, Alexander** [US/US]; 10340 Wye Road, Chesterland, OH 44026 (US).

(74) **NAUMAN, Timothy, E.**; Fay, Sharpe, Fagan, Minnich & McKee, LLP, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ A61M 5/00

(11) WO 01/72353 (13) A2

(21) PCT/GB01/01371

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,885 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • NEEDLE ASSEMBLY AND SHEATH AND METHOD OF FILLING A DRUG DELIVERY DEVICE

- ENSEMBLE AIGUILLE ET GAINÉ ET PROCÉDE DE REMPLISSAGE D'UN DISPOSITIF DE DISTRIBUTION DE MEDICAMENTS

(71) **ELAN PHARMA INTERNATIONAL LIMITED** [IE/IE]; WIL House, Shannon Business Park, Shannon, Co. Clare (IE).

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

(71) **STONER, Gerard, Patrick** [GB/GB]; Holm Farm, Holm Lane, Pilning, South Gloucestershire BS35 4HH (GB).

(only for / seulement pour MG)

(72, 75) **LAVI, Gilad** [IL/IL]; Harav Bazov David 6, 58497 Holon (IL). **CARMEL, Ehoud** [IL/IL]; Zahal Street 1, 55451 Kiryat-Ono (IL). **TSALS, Izrail** [US/US]; 17 Rose Way, Sudbury, MA 01776-1069 (US).

(74) **STONER, G., Patrick** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ A61M 5/00

(11) WO 01/72354 (13) A2

(21) PCT/GB01/01374

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,743 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR MEASURING A VOLUME OF DRUG

• DISPOSITIF SERVANT A MESURER UN VOLUME DE MEDICAMENT

(71) ELAN PHARMA INTERNATIONAL LIMITED [IE/IE]; WIL House, Shannon Business Park, Shannon, Co. Clare (IE). (for all designated States except / pour tous les États désignés sauf US)

(71) STONER, Gerard, Patrick [GB/GB]; Holm Farm, Holm Lane, Pilning, South Gloucestershire BS35 4HH (GB). (only for / seulement pour MG)

(72, 75) LAVI, Gilad [IL/IL]; Harav Bazov David 6, 58497 Holon (IL). YIGAL, Gil [IL/IL]; P.O.B. 4017, 5/7 Shomzion St, 70880 Gan-Yavne (IL). TSALS, Izrail [US/US]; 17 Rose Way, Sudbury, MA 01776-1069 (US).

(74) STONER, G., Patrick 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ A61M 5/00

(11) WO 01/72355 (13) A2

(21) PCT/US01/09558

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 09/534,674 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTEGRAL INTRAVENOUS CHAMBER AND FILTER

• CHAMBRE INTRAVEINEUSE ET FILTRE SOLIDAIRES

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

(72) DENNEHEY, T., Michael; 1411 N. Hickory, Arlington Heights, IL 60004 (US). LAL, Birendra, K.; 1299 Thorndale Lane, Lake Zurich, IL 60047 (US). SCAGLIARINI, Massimo; Via di Barbiano, 1/3, I-40136 Bologna (IT).

(74) NICHOLS, Jeffrey, C. et al. / etc.; Baxter Healthcare Corporation, One Baxter Parkway, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ A61M 5/00

(11) WO 01/72356 (13) A2

(21) PCT/US01/09778

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 09/536,479 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STOPPERING METHOD TO MAINTAIN STERILITY

• PROCEDE DE BOUCHAGE DESTINE A CONSERVER LA STERILITE

(71) ATRIX LABORATORIES, INC. [US/US]; 2579 Midpoint Drive, Fort Collins, CO 80525 (US).

(72) YARBOROUGH, Cody, L.; 124 N. McKinley, Ft. Collins, CO 80521 (US). DUNCAN, Michael, R.; Unit #39, 3500 Swanstone Drive, Ft. Collins, CO 80525 (US). NORTON, Richard, L.; 1611 Whedbee Street, Ft. Collins, CO 80525 (US). BAWA, Rajan; 4414 Gray Fox Lane, Fort Collins, CO 80526 (US). MADRIL, Dominic, G.; 501 Crescent Drive, Loveland, CO 80538 (US). BARRETT, Christopher, J.; 2107 Creekwood Drive, Ft. Collins, CO 80525 (US).

(74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

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

TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ A61M 5/00

(11) WO 01/72357 (13) A2

(21) PCT/US01/09893

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,901 29 Mar/mar 2000 US (29.03.2000)

(30) 60/243,392 26 Oct/oct 2000 US (26.10.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • IMPROVED METHODS, APPARATUS, AND USES FOR INFUSION PUMP FLUID PRESSURE AND FORCE DETECTION

• PROCEDES ET DISPOSITIFS AMELIORES SERVANT A LA DETECTION DE LA PUISSANCE ET DE LA PRESION FLUIDIQUE D'UNE POMPE A PERFUSION

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

(72) MOBERG, Sheldon, B.; 11828 Paso Robles Avenue, Granada Hills, CA 91344 (US). CAUSEY, James, III, D.; 2107 Cushman Court, Simi Valley, CA 93063 (US). BARE, Rex, O.; 22467 Overlake Drive, Lake Forest, CA 92630 (US). SCHERER, Andrew, J.; 111 Marshall Court, San Demas, CA 91773 (US). SARGENT, Bradley, J.; 27562 Pasatiempo, Mission Viejo, CA 92692 (US).

(74) TALBOT, Cary; MiniMed INC., 18000 Devonshire Street, Northridge, CA 91325-1219 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ A61M 5/145

(11) WO 01/72358 (13) A1

(21) PCT/CH01/00155

(22) 13 Mar/mar 2001 (13.03.2001)

(25) de (26) de

(30) 100 15 175.2 27 Mar/mar 2000 DE (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROPELLING DEVICE FOR A PLUNGER IN A CONTAINER HOLDING AN INJECTABLE PRODUCT

• DISPOSITIF D'ENTRAINEMENT POUR UN PISTON SITUE DANS UN CONTENANT RENFERMANT UN PRODUIT INJECTABLE

(71) **DISETRONIC LICENSING AG** [CH/CH]; Brunnmattstrasse 6, CH-3401 Burgdorf (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NIKLAUS, Hanspeter** [CH/CH]; Haldenweg 18, CH-4853 Riken (CH). **PE-TER, Daniel** [CH/CH]; Stegenweg 46, CH-3172 Niederwangen (CH). **SPOERRI, Beat** [CH/CH]; Buchstrasse 7, CH-4578 Bibern (CH).

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

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

Published / Publiée : (c)

(51)⁷ **A61M 5/168, A61B 5/0215**

(11) **WO 01/72359** (13) A1

(21) PCT/US01/09648

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/535,860 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MANOMETER INFUSION APPARATUS
● MANOMETRE POUR APPAREIL DE PERFUSION

(71) **I-FLOW CORPORATION** [US/US]; 20202 Windrow Drive, Lake Forest, CA 92630 (US).

(72) **MCPHEE, Charles, J.**; 8562 Larthorn Drive, Huntington Beach, CA 92646 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61M 5/315, 5/145**

(11) **WO 01/72360** (13) A1

(21) PCT/DK01/00179

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) PA 2000 00496 **24 Mar/mar 2000 DK (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A FLEXIBLE PISTON ROD
● TIGE DE PISTON FLEXIBLE

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK-2880 Bagsværd (DK).

(72) **KLITMOSE, Lars, Peter**; Garderhøjvej 20B, DK-2820 Gentofte (DK). **LJUNG-GREEN, Henrik**; Jonstrupvej 244 A, DK-2850 Ballerup (DK).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61M 5/315**

(11) **WO 01/72361** (13) A1

(21) PCT/GB01/01271

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007071.4 **24 Mar/mar 2000 GB (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ONE-WAY CLUTCH MECHANISMS AND INJECTOR DEVICES
● MECANISMES D'ACCOUPLLEMENT UNIDIRECTIONNEL ET DISPOSITIFS INJECTEURS

(71, 72) **SAMS, Bernard** [GB/GB]; 22 Avondale Avenue, London N12 8EJ (GB).

(74) **GILLAM, Francis, Cyril** et al. / etc.; Sanderson & Co., 34 East Stockwell Street, Colchester, Essex CO1 1ST (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61M 5/32**

(11) **WO 01/72362** (13) A1

(21) PCT/GB01/01228

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0007269.4 **24 Mar/mar 2000 GB (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● HYPODERMIC SYRINGE
● SERINGUE HYPODERMIQUE

(71, 72) **PARKER, David, William** [GB/GB]; 4 Kimble Close, Greenmount, Bury, Lancashire BL8 4QQ (GB). **BURGESS, Colin, Hamilton** [GB/GB]; 45 Holcomber Lee, Ramsbottom, Lancashire BL0 9QR (GB).

(74) **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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61M 5/50, 5/32**

(11) **WO 01/72363** (13) A1

(21) PCT/AU01/00341

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) PQ 6471 **27 Mar/mar 2000 AU (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● RETRACTABLE SYRINGE
● SERINGUE RETRACTABLE

(71, 72) **AUSTIN, Peter, George** [AU/AU]; 59 New Road, Oak Park, VIC 3046 (AU).

(74) **FREEHILLS CARTER SMITH BEADLE**; 101 Collins Street, Melbourne, VIC 3000 (AU).

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

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

(51)⁷ **A61M 16/00**

(11) **WO 01/72364** (13) A1

(21) PCT/JP01/02598

(22) **28 Mar/mar 2001 (28.03.2001)**
(25) ja (26) ja
(30) 2000-88190 **28 Mar/mar 2000 JP (28.03.2000)**
(30) 2000-392305 **25 Dec/déc 2000 JP (25.12.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • AIR FEEDING DEVICE FOR RESPIRATION
• DISPOSITIF RESPIRATOIRE D'APPROVISIONNEMENT EN D'AIR

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
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(72, 75) **HIKOSAKA, Toru** [JP/JP]; C/O TEIJIN LIMITED, Osaka Research Center, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567-0006 (JP). **MIZUTA, Mamiko** [JP/JP]; C/O TEIJIN LIMITED, Osaka Research Center, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567-0006 (JP). **HIRANO, Shigenori** [JP/JP]; C/O TEIJIN LIMITED, Osaka Research Center, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567-0006 (JP). **OKADA, Katsuhiko** [JP/JP]; C/O TEIJIN LIMITED, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **UCHIYAMA, Mitsuru** [JP/JP]; C/O TEIJIN LIMITED, Iwakuni Medical Factory, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (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 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A61M 16/10, 16/12**
(11) **WO 01/72365** (13) A1
(21) PCT/IB01/00506

(22) **28 Mar/mar 2001 (28.03.2001)**
(25) it (26) en
(30) MI2000A000659 **29 Mar/mar 2000 IT (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • HEAT AND MOISTURE EXCHANGER
• ECHANGEUR DE CHALEUR ET D'HUMIDITE

(71) **MALLINCKRODT HOLDINGS B.V.** [NL/NL]; Rijsterborgherweg 20, NL-7400 AA Deventer (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FINI, Massimo** [IT/IT]; Via Picasso, 31, I-41037 Mirandola (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) AU CA 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 **A61M 25/00**
(11) **WO 01/72366** (13) A1
(21) PCT/US01/08909

(22) **20 Mar/mar 2001 (20.03.2001)**
(25) en (26) en
(30) 09/536,433 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • A CATHETER HAVING A SPEAR SHAPED TIP
• CATHETER A POINTE EN FER DE LANCE

(71) **ENDOSONICS CORPORATION** [US/US]; 2870 Kilgore Road, Rancho Cordova, CA 95670 (US).

(72) **SAVAGE, James**; 1872 Matin Circle, Apartment #203, San Marcos, CA 92069 (US).

(74) **JOY, Mark** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **A61M 29/00**
(11) **WO 01/72367** (13) A1
(21) PCT/US01/07762

(22) **12 Mar/mar 2001 (12.03.2001)**
(25) en (26) en
(30) 09/535,590 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • RETRIEVABLE SELF EXPANDING SHUNT
• SHUNT AUTO-EXPANSIBLE ET EXTRACTABLE

(71) **AGA MEDICAL CORPORATION** [US/US]; 682 Mendelssohn Avenue, Golden Valley, MN 55427 (US).

(72) **AMPLATZ, Kurt**; 10 Evergreen Road, St. Paul, MN 55127 (US). **AFREMOV, Michael**; 1664 Virginia Avenue South, St. Louis Park, MN 55426 (US).

(74) **DIETZ, Paul, T.**; Nikolai, Mersereau & Dietz, P.A., Suite 820, 900 Second Avenue South, Minneapolis, MN 55402-3325 (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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(t) for all designations / pour toutes les désignations

(51)⁷ **A61M 31/00**
(11) **WO 01/72368** (13) A2
(21) PCT/US01/10456

(22) **30 Mar/mar 2001 (30.03.2001)**
(25) en (26) en
(30) 60/193,695 **31 Mar/mar 2000 US (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTRALUMENAL VISUALIZATION SYSTEM WITH DEFLECTABLE MECHANISM
• SYSTEME DE VISUALISATION INTRALUMINALE A MECANISME DE DEFLEXION

(71) **MEDTRONIC, INC.** [US/US]; 710 Medtronic Parkway Northeast, Minneapolis, MN 55432 (US).

(72) **SERAJ, Mahmood**; 1005 Patterson Grove Road, Apex, NC 27502 (US). **CHAN, Eric**; 36276 Worthing Drive, Newark, CA 94560 (US). **KELLEY, James, F.**; 13000 Nightingale Street, Coon Rapids, MN 55448 (US).

(74) **MCMAHON, Beth, L.** et al. / etc.; Medtronic, Inc., LC340, 710 Medtronic Parkway, Minneapolis, MN 55432 (US).

(81) CA JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **A61M 31/00**
(11) **WO 01/72369** (13) A1
(21) PCT/US01/08625

(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 60/192,854 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR PROCESSING BONE MARROW
• SYSTEME ET PROCEDE DE TRAITEMENT DE MOELLE OSSEUSE

(71) **BIOACCESS, INC.** [US/US]; 4000 Hudson Street, Baltimore, MD 21224 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEISE, Russell, D.** [US/US]; 2302 Allen Street, Allentown, PA 18104 (US). **CHAPOLINI, Robert, J.** [US/US]; 3800 Duddington Way, Phoenix, MD 21131 (US).

- (74) **BUNDREN, William, J.**; 576 Farmington Road, West, Accokeek, MD 20607-9796 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **A61M 31/00**(11) **WO 01/72370** (13) A1

(21) PCT/US01/09243

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/534,688 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • CATHETER FOR DELIVERING ELECTROMAGNETIC ENERGY FOR ENHANCED PERMEATION OF SUBSTANCES

• CATHETER D'ADMINISTRATION D'ENERGIE ELECTROMAGNETIQUE POUR RENFORCER LA PERMEATION DE SUBSTANCES

- (71, 72) **FLOCK, Stephen, T.** [US/AU]; 17 Gillards Road, Mt. Eliza, VIC 3930 (AU). **MARCHITTO, Kevin, S.** [US/AU]; 127 Bellbird Road, Mt. Eliza, VIC 3930 (AU).

- (74) **ADLER, Benjamin, A.**; Adler & Associates, 8011 Candle Lane, Houston, TX 77071 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A61M 36/04, A61N 5/10**(11) **WO 01/72371** (13) A1

(21) PCT/AU01/00360

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) PQ 6612 **30 Mar/mar 2000 AU (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • RADIOACTIVE IMPLEMENT AND METHOD OF MANUFACTURE OF SAME

• OUTIL RADIOACTIF ET SON PROCEDE DE FABRICATION

- (71) **MINISTER FOR HEALTH IN HIS CAPACITY AS THE BOARD OF ROYAL PERTH HOSPITAL** [AU/AU]; C/- Commissioner of Health, Health Department of Western Australia, 189 Royal Street, East Perth, W.A. 6004 (AU).

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

- (72, 75) **FOX, Richard, Alan** [AU/AU]; 27 Everett Street, Crawley, W.A. 6009 (AU).

- (74) **WRAY & ASSOCIATES**; 239 Adelaide Terrace, Perth, W.A. 6000 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A61N 1/37**(11) **WO 01/72372** (13) A1

(21) PCT/SE01/00680

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0001113-0 **29 Mar/mar 2000 SE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • IMPLANTABLE HEART STIMULATOR
• STIMULATEUR CARDIAQUE IMPLANTABLE

- (71) **ST. JUDE MEDICAL AB** [SE/SE]; S-175 84 Järfälla (SE).

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

- (72, 75) **OBEL, Martin** [SE/SE]; Bergavägen 5, S-182 33 Danderyd (SE). **BUDGIFVARS, Göran** [SE/SE]; Kronofogdevägen 47, S-163 51 Spånga (SE). **UHRENIUS, Åsa** [SE/SE]; Gävlegatan 11, S-113 30 Stockholm (SE).

- (74) **ST. JUDE MEDICAL AB**; Patent Department, S-175 84 Järfälla (SE).

(81) US.

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

(51)⁷ **A61N 7/00**(11) **WO 01/72373** (13) A2

(21) PCT/US01/09474

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/192,074 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • APPARATUS AND METHOD FOR INTRABODY THERMAL TREATMENT

• APPAREIL ET METHODE DE TRAITEMENT THERMIQUE INTRA-CORPORELS

- (71) **TRANSURGICAL, INC.** [US/US]; 220 Belle Meade Road, Suite 2, Setauket, NY 11733 (US).

- (72) **ACKER, David, E.**; 27 Tavern Way, Setauket, NY 11733 (US). **LOPATH, Patrick, D.**; 125 Sheep Pasture Road, Setauket, NY 11733 (US). **FJELD, Todd**; 65 Washington Street, Port Jefferson Station, NY 11776 (US). **REISINGER, Keith, A.**; 14820 Dade Pine Avenue, Miami Lakes, FL 33104 (US).

- (74) **MILLET, Marcus, J.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

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

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 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 **A62B 18/08**(11) **WO 01/72374** (13) A1

(21) PCT/FR01/00905

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) fr (26) fr

(30) 00/03836 **27 Mar/mar 2000 FR (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • INDIVIDUAL PROTECTIVE DEVICE, IN PARTICULAR AGAINST NBC ATTACKS

• DISPOSITIF DE PROTECTION INDIVIDUELLE, NOTAMMENT CONTRE LES AGRESSIONS NBC

- (71) **INTERTECHNIQUE** [FR/FR]; 61, rue Pierre Curie, F-78373 Plaisir Cedex (FR).

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

- (72, 75) **BONHOMME, Jean-Philippe** [FR/FR]; 5, rue du Col de Dyane, F-78180 Montigny-le-Bretonneux (FR). **FAUVEAU, Jean-Claude** [FR/FR]; 20, rue du Colombier Serville, F-28410 Bu (FR). **LEMASSON, Dominique** [FR/FR]; 28, avenue Lafayette, F-78340 Les Clayes-sous-Bois (FR).

- (74) **FORT, Jacques**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A62C 31/02, 37/08**

(11) **WO 01/72375** (13) A1

(21) PCT/RU00/00298

(22) **17 Jul/juil 2000 (17.07.2000)**

(25) en (26) en

(30) 2000107338 **28 Mar/mar 2000 RU (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● **SPRINKLERS**

● **GICLEURS DE TYPE SPRINKLER**

(71) **OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTI "UNIPAT"** [RU/RU]; GSP Volokolamskoe shosse, 4-2-237, Moscow, 125871 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUSHKIN, Andrei Leonidovich** [RU/RU]; ul. Scherbakovskaya, 54-191, Moscow, 105187 (RU). **KARPYSHOV, Alexandr Vladimirovich** [RU/RU]; Olimpiskiy prosp., 28-435, Moscow, 129272 (RU).

(74) **MELIAN, Alexandr Rubenovich**; G-467, a/ya 58, Moscow, 121467 (RU).

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

(51)⁷ **A62C 35/00**

(11) **WO 01/72376** (13) A2

(21) PCT/US01/08915

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/535,599 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● **LOW PRESSURE ACTUATOR FOR DRY SPRINKLER SYSTEM**

● **ACTIONNEUR DE BASSE PRESSION POUR SYSTEME D'EXTINCTEUR AUTOMATIQUE SOUS AIR**

(63) US 09/535,599 (CIP)
27 Mar/mar 2000 (27.03.2000)

US 09/535,599 (CIP)
16 Mar/mar 2001 (16.03.2001)

(71) **VICTAULIC COMPANY OF AMERICA** [US/US]; 4901 Kesslersville Road, Easton, PA 18042 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **William, Joseph, William** [US/US]; 209 Hampton Court, Langhorne, PA 19047 (US).

(74) **JAEGER, Howard, R.**; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **A62D 3/00**

(11) **WO 01/72377** (13) A2

(21) PCT/US01/08178

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/535,461 **24 Mar/mar 2000 US (24.03.2000)**

(30) 09/547,423 **11 Apr/avr 2000 US (11.04.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● **TREATMENT OF HAZARDOUS GASES IN EFFLUENT**

● **TRAITEMENT DE GAZ DANGEREUX PRESENT DANS UN EFFLUENT**

(71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450 A, Santa Clara, CA 95052 (US).

(72) **BHATNAGAR, Ashish**; 1235 Wildwood Avenue, #212, Sunnyvale, CA 94089 (US). **RAMASWAMY, Kartik**; 3282 St. Ignatius Place, #322, Santa Clara, CA 95051 (US). **KAUSHAL, Tony, S.**; 10416 Prune Tree Lane, Cupertino, CA 95014 (US). **WONG, Kwok, Manus**; 1636 Larkin Avenue, San Jose, CA 95129 (US). **SHAMOULIAN, Shamouil**; 6536 Little Falls Drive, San Jose, CA 95120 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) JP.

(51)⁷ **A63B 21/00**

(11) **WO 01/72378** (13) A1

(21) PCT/US00/07927

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● **COMBINATION ARM EXERCISE APPARATUS AND PROPULSION AID FOR A WHEELCHAIR**

● **ACCESSOIRE MIXTE DE MUSCULATION DES BRAS ET D'ASSISTANCE A LA PROPULSION DE FAUTEUIL ROLLANT**

(71, 72) **GASQUEZ, Marcus, R.** [US/US]; 5500 Friendship Boulevard, 1925 North, Chevy Chase, MD 20815 (US).

(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215-0035 (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **A63B 22/00**

(11) **WO 01/72379** (13) A2

(21) PCT/US01/09207

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/538,576 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/802,819 **10 Mar/mar 2001 US (10.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● **EXERCISE DEVICE**

● **APPAREIL D'EXERCICE PHYSIQUE**

(63) US 09/802,819 (CIP)
10 Mar/mar 2001 (10.03.2001)

US 09/538,576 (CIP)
29 Mar/mar 2000 (29.03.2000)

(71, 72) **HEIDECHE, Steven** [US/US]; Suite 120, 1550 Spring Road, Oak Brook, IL 60523 (US).

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

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations

(u) for / pour US only / seulement

(51)⁷ **A63B 23/04**

(11) **WO 01/72380** (13) A1

(21) PCT/IB01/00509

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) BO2000A000175 **30 Mar/mar 2000 IT (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● **AN APPARATUS FOR PHYSICAL TRAINING**

● **APPAREIL D'ENTRAINEMENT PHYSIQUE**

(71) **TECHNOGYM S.R.L.** [IT/IT]; Via G. Pericari, 20, I-47035 Gambettola (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALESSANDRI, Nerio** [IT/IT]; Via Matteotti, 27, I-47020 Longiano (IT). **MASARINI, Massimo** [IT/IT]; Via Rasi e Spinelli, 90, I-47023 Cesena (IT).

(74) **LANZONI, Luciano**; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (IT).

(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 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **A63B 23/16**

(11) **WO 01/72381** (13) A1

(21) PCT/DK01/00207

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) PA 2000 00523 **28 Mar/mar 2000 DK (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LIMB EXERCISE SYSTEM
• SYSTEME EXERCISEUR

(71) **PROCARE** [DK/DK]; Stenmosevej 22-24, DK-2620 Albertslund (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSEN, Peter, Frislund** [DK/DK]; Rughavevej 4, DK-2500 Valby (DK). **ANDERSEN, Jørgen, Hvidsten** [DK/DK]; Damgårdsvej 41, DK-3460 Birkerød (DK). **PEDERSEN, Kirsten, Charlotte** [DK/DK]; Stenalderen 38, DK-2460 Hedehusene (DK).

(74) **HØIBERG APS**; St. Kongensgade 59 B, DK-1264 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **A63B 47/04**

(11) **WO 01/72382** (13) A1

(21) PCT/AU01/00351

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) PQ 6551 **29 Mar/mar 2000 AU (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE AND METHOD FOR CLEANING GOLF BALLS
• DISPOSITIF ET PROCEDE DE NETTOYAGE DE BALLES DE GOLF

(71) **AM ASSET MANAGEMENT PTY LTD** [AU/AU]; 5 Cooroy Crescent, Yellow Rock, NSW 2777 (AU).

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

(72, 75) **MURRAY, Michael, John** [AU/AU]; 5 Cooroy Crescent, Yellow Rock, NSW 2777 (AU).

(74) **SPRUSON & FERGUSON**; GPO Box 3898, Sydney, NSW 2001 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **A63B 53/04**

(11) **WO 01/72383** (13) A1

(21) PCT/NO01/00114

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 20001615 **28 Mar/mar 2000 NO (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GOLF CLUB HEAD
• TETE DE CLUB DE GOLF

(71) **MILLENNIUM GOLF AS** [NO/NO]; Hvitvingfosseveien 252, N-3080 Holmestrand (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAKKE, Jan** [NO/NO]; Hvitvingfosseveien 252, N-3080 Holmestrand (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **A63B 53/04**

(11) **WO 01/72384** (13) A1

(21) PCT/RU00/00109

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) ru (26) ru

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HEAD OF A GOLF CLUB MADE OF LIGHT ALLOYS AND METHOD FOR THE PRODUCTION THEREOF

• TETE DE CLUB DE GOLF A PARTIR D'ALLIAGES LEGERES ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **ISLE COAT LIMITED** [GB/GB]; Prospect Chambers, Prospect Hill, Douglas, Isle of Man, IM1 2 PT (GB).

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

(72, 75) **SHATROV, Alexandr Sergeevich** [RU/RU]; ul. Naro-Fominskaya, 13-27, Moscow, 109619 (RU).

(74) **DEMENTIEV, Vladimir Nikolaevich**; Prechistensky per., 14-1, Moscow, 119034 (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) 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).

(51)⁷ **A63B 53/04, 53/06, 53/08**

(11) **WO 01/72385** (13) A1

(21) PCT/US00/41757

(22) **30 Oct/oct 2000 (30.10.2000)**

(25) en (26) en

(30) 09/433,171 **3 Nov/nov 1999 US (03.11.1999)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PRACTICE PUTTER
• FER DROIT D'ENTRAINEMENT

(71, 72) **KELLEY, Donald, J.** [US/US]; 2233 West Rockwell Drive, Chandler, AZ 85224 (US).

(74) **SCHMEISER, Albert, L.** et al. / etc.; Schmeiser, Olsen & Watts, Suite 101, 18 E. University Drive, Mesa, AZ 85201 (US).

(81) CA CN JP KR.

(51)⁷ **A63B 63/08**

(11) **WO 01/72386** (13) A1

(21) PCT/US01/09933

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/535,837 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TRANSPORTABLE BASKETBALL SYSTEM HAVING WIND-TRANSMISSIVE BACKBOARD STRUCTURE AND SAND-ANCHORABLE POST ASSEMBLY

• SYSTEME DE BASKET-BALL TRANSPORTABLE S'ENFONÇANT DANS LE SABLE DOTE D'UNE STRUCTURE DE PANNEAU ARRIERE LAISSANT PASSER L'AIR

(63) US 09/535,837 (CIP)
28 Mar/mar 2000 (28.03.2000)

(71, 72) **O'NEILL, Raymond, J., Sr.** [US/US]; 27 Linden Drive, Spring Lake Heights, NJ

07762 (US). **O'NEILL, Raymond, J., Jr.** [US/US]; 27 Horker Hill Drive, Hamburg, NJ 07449 (US).

(74) **PERKOWSKI, Thomas, J.** et al. / etc.; Thomas J. Perkowski, Esq., P.C., Soundview Plaza, 1266 East Main Street, Stamford, CT 06902 (US).

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

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

(51)⁷ **A63F 13/00, G07F 17/34**

(11) **WO 01/72387** (13) A1

(21) PCT/AU01/00323

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PQ 6637 **31 Mar/mar 2000 AU (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **GAMING MACHINE WITH A FIXED WILD SYMBOL**

• **MACHINE DE JEUX POSSEDANT UN SYMBOLE SPECIAL FIXE**

(71) **ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LTD** [AU/AU]; 71 Longueville Road, Lane Cove, New South Wales 2066 (AU).

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(72, 75) **BENNETT, Nicholas, Luke** [AU/AU]; C/-71 Longueville Road, Lane Cove, NSW 2066 (AU). **BRYANT, Natalie** [AU/AU]; C/-71 Longueville Road, Lane Cove, NSW 2066 (AU).

(74) **F B RICE & CO**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AU JP NZ US ZA.

(51)⁷ **A63F 13/00**

(11) **WO 01/72388** (13) A1

(21) PCT/US01/07242

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) en (26) en

(30) 09/535,580 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **VIDEO GAMING APPARATUS AND METHOD**

• **APPAREIL ET PROCEDE DE JEU VIDEO**

(71, 72) **COLIN, Brian, F.** [US/US]; 3021 Hickory Road, Homewood, IL 60430 (US). **NAUMAN, Jeffrey, L.** [US/US]; 621 Sycamore, Hinckley, IL 60520 (US).

(74) **HALLIGAN, R., Mark** 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **A63F 13/12, G06F 15/00**

(11) **WO 01/72389** (13) A1

(21) PCT/JP01/02877

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) ja (26) ja

(30) 2000-099408 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **COMPUTER ENTERTAINMENT SYSTEM USING COMPUTER NETWORK PROGRAM FOR THE COMPUTER ENTERTAINMENT SYSTEM**

• **SYSTEME D'ANIMATION INFORMATIQUE FAISANT INTERVENIR UN RESEAU INFORMATIQUE ET PROGRAMME DESTINE AU SYSTEME D'ANIMATION INFORMATIQUE**

(71) **RH SYSTEM INC.** [JP/JP]; Fukuoka SRP Center Building 8F, 1-22, Momochihama 2-chome, Sawara-ku, Fukuoka-shi, Fukuoka (JP).

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(72, 75) **MIYAZAKI, Yoshihiko** [JP/JP]; c/o Riverhillsoft Inc., Fukuoka SRP Center Building 8F, 1-22, Momochihama 2-chome, Sawara-ku, Fukuoka-shi, Fukuoka 814-0001 (JP). **WATANABE, Hiroshi** [JP/JP]; c/o Riverhillsoft Inc., Fukuoka SRP Center Building 8F, 1-22, Momochihama 2-chome, Sawara-ku, Fukuoka-shi, Fukuoka 814-0001 (JP).

(74) **MATSUO, Kenichiro** et al. / etc.; Imaizumi-koporasu 1F, 4-26, Imaizumi 2-chome, Chuo-ku, Fukuoka-shi, Fukuoka 810-0021 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **A63G 7/00, 9/08**

(11) **WO 01/72390** (13) A1

(21) PCT/EP01/03499

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 200 05 778.2 **30 Mar/mar 2000 DE (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **FAIRGROUND RIDE ARRANGEMENT**
• **ENSEMBLE D'ATTRACTIONS FORRAINES**

(71) **HUSS MASCHINENFABRIK GMBH & CO. KG** [DE/DE]; Stresemannstrasse 56, 28207 Bremen (DE).

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(72, 75) **SCHÖLLHAMMER, Dieter** [DE/DE]; Am Lehester Deich 108, 28357 Bremen (DE). **SCHNIEDERS, Thomas** [DE/DE]; Königsberger Strasse 11, 27711 Osterholz-Scharmbeck (DE). **LANGEDIERS, Jürgen** [DE/DE]; Eckener Strasse 24, 28309 Bremen (DE).

(74) **KLINGHARDT, Jürgen**; 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 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : (c)

Declaration / Déclaration :

(s) for all designations except / pour toutes les désignations sauf US

(51)⁷ **A63H 30/04**

(11) **WO 01/72391** (13) A1

(21) PCT/US01/09394

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/192,117 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **TOY VEHICLE WITH MULTIPLE GYROSCOPIC ACTION WHEELS**

• **VEHICULE DE JEU COMPORTANT PLUSIEURS ROUES A ACTION GYROSCOPIQUE**

(71, 72) **TILBOR, Neil** [US/US]; 4707 Van Kleeck Drive, New Smyrna Beach, FL 32169 (US). **HETMAN, Michael, G.** [US/US]; 6274 Engram Road, New Smyrna Beach, FL 32169 (US).

(74) **KEUSEY, Edwin, H.** et al. / etc.; Keusey & Tutunjian P.C., 14 Vanderverter Avenue, Suite 128, Port Washington, NY 11050 (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 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B01D

(11) WO 01/72392 (13) A2

(21) PCT/IB01/01461

(22) 13 Mar/mar 2001 (13.03.2001)

(25) en (26) en

(30) PA 2000 00416 14 Mar/mar 2000 DK
(14.03.2000)(30) 60/189,589 15 Mar/mar 2000 US
(15.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NEW METHODS FOR SEPARATION AND ISOLATION OF SUBPOPULATIONS OF CELLS IN BIOLOGICAL SAMPLES

• PROCÉDE DE SEPARATION ET D'ISOLATION DE SOUS-POPULATIONS DE CELLULES DANS DES ÉCHANTILLONS BIOLOGIQUES

(63) US 60/189,589 (CIP)
15 Mar/mar 2000 (15.03.2000)(71) EXIQON A/S [DK/DK]; Bygstubben 9, DK-2950 Vedbaek (DK).
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(72, 75) JAUHO, Eva, Irene, Stenbaek [DK/DK]; Hojmoosevej 34, DK-2400 Copenhagen NV (DK). JAKOBSEN, Mogens, Havsteen [DK/DK]; Alekistevej 225, 1., DK-2720 Vanlose (DK).

(74) ALBRECHT, Thomas; Kraus & Weisert, Thomas-Wimmer-Ring 15, 80539 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ B01D 3/00, 3/32, 3/42, 19/00

(11) WO 01/72393 (13) A1

(21) PCT/US01/08023

(22) 14 Mar/mar 2001 (14.03.2001)

(25) en (26) en

(30) 09/536,283 27 Mar/mar 2000 US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STAGED HEAT AND MASS TRANSFER APPLICATIONS

• APPLICATIONS DE TRANSFERT DE CHALEUR ET DE MASSE PAR ÉTAPES

(71) TUNG, Elizabeth [US/CA]; - (CA).

(71, 72) TUNG, Peter [CA/CA]; 63 Templer Drive, Ancaster, Ontario L9G 3X7 (CA).

(74) TUNG, Peter; 63 Templer Drive, Ancaster, Ontario L9G 3X7 (CA).

(81) CA CN JP.

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

(51)⁷ B01D 11/02

(11) WO 01/72394 (13) A1

(21) PCT/EP01/03359

(22) 23 Mar/mar 2001 (23.03.2001)

(25) de (26) de

(30) 100 15 049.7 25 Mar/mar 2000 DE
(25.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR SEPARATING OIL CONSTITUENTS FROM LOOSE BULK

• DISPOSITIF PERMETTANT DE SÉPARER LES COMPOSANTES D'HUILE DE REMBLAIS

(71) MINITEC ENGINEERING GMBH [DE/DE]; Magdeburger Strasse 16a, 45881 Gelsenkirchen (DE).

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

(72, 75) HAMMER, Ernst, Ekkehard [DE/DE]; Am Bühl 37, 45481 Mülheim (DE). DERTMANN, Volkmar [DE/DE]; Beethovenstrasse 11, 45657 Recklinghausen (DE).

(74) MÜLLER, Karl-Ernst 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ B01D 19/00

(11) WO 01/72395 (13) A1

(21) PCT/US01/04144

(22) 9 Feb/fév 2001 (09.02.2001)

(25) en (26) en

(30) 60/191,916 24 Mar/mar 2000 US
(24.03.2000)(30) 60/239,463 10 Oct/oct 2000 US
(10.10.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS AND METHOD FOR REMOVING MERCURY AND MERCURIC COMPOUNDS FROM DENTAL EFFLUENTS

• DISPOSITIF ET PROCÉDE PERMETTANT D'EXTRAIRE LE MERCURE ET LES COMPOSES MERCURIQUES PRESENTS DANS DES EFFLUENTS DENTAIRE

(71) ADA TECHNOLOGIES, INC. [US/US]; Suite 130, 8100 Shaffer Parkway, Littleton, CO 80127-4107 (US).

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

(72, 75) ALBISTON, Jason [US/US]; 12802 E. Wyoming Circle, Aurora, CO 80012 (US). TURCHI, Craig, S. [US/US]; 2150 S. Estes Street, Lakewood, CO 80227 (US). CARLSON, Allan [US/US]; 4842 S. Juniper Lane, Evergreen, CO 80439 (US).

(74) SWARTZ, Douglas, W. et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, CO 80202-5141 (US).

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

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

(51)⁷ B01D 36/00, 29/00, 17/04, F02M 37/22

(11) WO 01/72396 (13) A1

(21) PCT/EP01/03052

(22) 16 Mar/mar 2001 (16.03.2001)

(25) en (26) en

(30) MI2000A000633 24 Mar/mar 2000 IT
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FILTER FOR DIESEL ENGINE FUEL

• FILTRE POUR CARBURANT DE MOTEUR DIESEL

(71) SOGEFI FILTRATION S.P.A. [IT/IT]; Via Barbieri, 1, I-46100 Mantova (IT).

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(72, 75) BARACCHI, Paolo [IT/IT]; Via Isernia, 5/A, I-10155 Torino (IT). CROVETTI, Claudio [IT/IT]; Via Primiceriale, 10, I-46100 Mantova (IT). TALLANO, Sergio [IT/IT]; Via Roma, 70, I-46047 Porto Mantovano (IT).

(74) MODIANO, Guido; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

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

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

Published / Publiée : (c)

(51)⁷ B01D 39/00

(11) WO 01/72397 (13) A2

(21) PCT/IB01/00324

(22) 8 Mar/mar 2001 (08.03.2001)

(25) en (26) en

(30) 2000/1640 **31 Mar/mar 2000** ZA
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • FILTER MEDIUM
• MILIEU FILTRE

(71, 72) **FORM, Nicolas** [ZA/ZA]; 44 Orhovae Drive, Mondeor, 2091 Gauteng Province (ZA). **DENNILL, William, Mark** [ZA/ZA]; 71 7th Avenue, Rooderpoort North, 1724 Gauteng Province (ZA). **RUSSEL, Kenneth** [ZA/ZA]; 44 Anton Hartman Street, Vorna Valley, Midrand, 1685 Gauteng Province (ZA).

(74) **JOHN & KERNICK**; P.O. Box 3511, 1685 Halfway House (ZA).

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

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

(51)⁷ **B01D 39/20, F01N 3/02**

(11) **WO 01/72398** (13) A1

(21) PCT/JP01/01954

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) ja (26) ja

(30) 2000-086187 **27 Mar/mar 2000** JP
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • FILTER MADE OF POROUS CERAMIC SINTERED BODY
• FILTRE CONSTITUE D'UN CORPUS FRITTE POREUX EN CERAMIQUE

(71) **NGK INSULATORS, LTD** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
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(72, 75) **NODA, Naomi** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(74) **WATANABE, Kazuhira**; 3rd Fl. No.8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (JP).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B01D 41/52, 29/07, 27/06**

(11) **WO 01/72399** (13) A1

(21) PCT/SE00/00590

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • FOLDED FILTER
• FILTRE PLIE

(71) **CAMFIL AB** [SE/SE]; Industrigatan 3, S-619 33 Trosa (SE).
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(72, 75) **ENBOM, Kjell** [SE/SE]; Albanoplan 25, S-610 72 Vagnhäräd (SE).

(74) **BERGLUND, Erik**; Berglunds Patentbyrå AB, Aspebråten, S-590 55 Sturefors (SE).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B01D 53/14, 53/04, 3/10**

(11) **WO 01/72400** (13) A1

(21) PCT/PL00/00104

(22) **19 Dec/déc 2000 (19.12.2000)**

(25) en (26) en

(30) P.339200 **24 Mar/mar 2000** PL
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • PROCESS FOR SEPARATING HYDROCARBONS FROM GASES, IN PARTICULAR GASES ORIGINATING FROM PETROLEUM STORAGE AND DISTRIBUTION
• PROCEDE DE SEPARATION DES HYDROCARBURES ET DES GAZ NOTAMMENT DES GAZ RESULTANT DU STOCKAGE ET DE LA DISTRIBUTION DE PETROLE

(71) **"EJK" SP. Z O.O.** [PL/PL]; ul. Plebiscytowa 1, PL-44-100 Gliwice (PL).
"NAFTOBAZY" SP. Z O.O. [PL/PL]; ul. Marszałkowska 82, PL-00-517 Warszawa (PL).
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(72, 75) **KROP, Eugeniusz** [PL/PL]; ul. Sobieskiego 21/1, PL-44-100 Gliwice (PL).
BADURA, Jerzy [PL/PL]; ul. Hutnicza 18/9, PL-44-100 Gliwice (PL).
JĘDRZEJCZYK, Adam [PL/PL]; ul. Krasińskacute;skiego 27, PL-42-690 Tworóg (PL).
KRYSZCZYSZYN, Henryk [PL/PL]; pl. J. Piłsudskiego 5/9, PL-45-706 Opole (PL).
STACHOWSKA, Anna [PL/PL]; ul. Bzów 32, PL-44-105 Gliwice (PL).

(74) **KROP, Eugeniusz**; "EJK" Sp. z o.o., ul. Plebiscytowa 1, PL-44-100 Gliwice (PL).

(81) AE AL AM AT AU AZ BA BG BR BY CA CH CN CZ DE DK DZ EE ES FI GB GE HR

HU ID IL IN IS JP KG KP KR KZ LT LU LV MA MD MK MX NO NZ PT RO RU SE SI SK TJ TM TR UA US UZ YU ZA.

(84) 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).

(51)⁷ **B01D 53/34, 53/14, 53/50, 53/73**

(11) **WO 01/72401** (13) A1

(21) PCT/JP01/02644

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 2000-91276 **29 Mar/mar 2000** JP
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • METHOD FOR EXHAUST GAS TREATMENT BY INJECTION OF AMMONIA
• PROCEDE DE TRAITEMENT DE GAZ D'ÉCHAPPEMENT PAR INJECTION D'AMMONIAQUE

(71) **EBARA CORPORATION** [JP/JP]; 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).
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(72, 75) **IZUTSU, Masahiro** [JP/JP]; c/o Ebara Corporation, 11-1, Haneda Asahi-cho, Ohta-ku, Tokyo 144-8510 (JP).

(74) **WATANABE, Isamu** et al. / etc.; GOWA Nishi-Shinjuku 4F, 5-8, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B01D 53/50, 53/52, C02F 5/00, 5/00, 1/02, /S**

(11) **WO 01/72402** (13) A2

(21) PCT/US01/08898

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/535,118 **24 Mar/mar 2000** US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • PROCESS FOR MANAGEMENT OF INDUSTRIAL WASTES
• GESTION DES DECHETS INDUSTRIELS

(71) **EXXONMOBIL RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 900, 1545 Route 22 East, Annandale, NJ 08801 (US).

(72) **MYERS, Ronald, D.**; Box 35, Site 2, R.R. 8, Calgary, Alberta T2J 2T9 (CA). **MAC LEOD, John, Brenton**; Box 1, Site 24, R.R. 4, Calgary, Alberta T2M 4L4 (CA). **CHAMBERS, Norman, Alfred**; 84 Edgeland Road, North West, Calgary, Alberta T3A 2Y4 (CA).

MAINAK, Ghosh; 202 Edgevalley Green NW, Calgary, Alberta T3A 4X8 (CA).

(74) **ALLOCCA, Joseph, J.** et al. / etc.; Exxon-Mobil Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **B01F 3/04, 13/00**

(11) **WO 01/72403** (13) A1

(21) PCT/EP01/03513

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de

(30) 100 16 154.5 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND ARRANGEMENT FOR THE INTRODUCTION OF SUBSTANCES OR SUBSTANCE MIXTURES INTO GASES OR LIQUIDS

• PROCÉDE ET DISPOSITIF PERMETTANT D'INTRODUIRE DES SUBSTANCES OU DES MÉLANGES DE SUBSTANCES DANS DES GAZ OU DES LIQUIDES

(71) **AMR DIAGNOSTICS AG** [DE/DE]; Warthestrasse 20, 14513 Teltow (DE).

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

(72, 75) **KRÜGER, Uwe** [DE/DE]; Kirchspielweg 18, 25889 Uelvelsbüll (DE).

(74) **MEISSNER, Peter, E.**; Patentanwaltsbüro, Meissner & Meissner, Hohenzollerndamm 89, 14199 Berlin (DE).

(81) CA JP US.

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

Published / Publiée : (c)

(51)⁷ **B01J 3/06**

(11) **WO 01/72404** (13) A1

(21) PCT/IB01/00525

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) en (26) en

(30) 0007887.3 **31 Mar/mar 2000 GB (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HIGH TEMPERATURE/HIGH PRESSURE COLOUR CHANGE OF DIAMOND

• CHANGEMENT SOUS HAUTE PRESSION/TEMPERATURE ÉLEVÉE DE LA COULEUR D'UN DIAMANT

(71) **DE BEERS INDUSTRIAL DIAMONDS (PROPRIETARY) LIMITED** [ZA/ZA];

Seo Building, Cnr Crownwood and Booyens Reserve Roads, Theta, 2000 Johannesburg (ZA). **SPITS, Raymond, Anthony** [ZA/ZA]; 7 Allan Road, 2194 Bordeaux (ZA).

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(72, 75) **BURNS, Robert, Charles** [ZW/ZA]; 15 Los Angeles Drive, 2195 Northcliff (ZA). **FISHER, David** [GB/GB]; 6 Lancaster Road, Maidenhead, Berkshire SL6 5EP (GB).

(74) **HOOPER, Anthony, Robert, Lloyd** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **B01J 3/06**

(11) **WO 01/72405** (13) A1

(21) PCT/IB01/00526

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) en (26) en

(30) 0007890.7 **31 Mar/mar 2000 GB (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HIGH TEMPERATURE/HIGH PRESSURE COLOUR CHANGE OF DIAMOND

• CHANGEMENT DE COULEUR DE DIAMANT PAR HAUTE TEMPÉRATURE/HAUTE PRESSION

(71) **DE BEERS INDUSTRIAL DIAMONDS (PROPRIETARY) LIMITED** [ZA/ZA]; SEO Building, Cnr Crownwood and Booyens Reserve Roads, Theta, 2000 Johannesburg (ZA).

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(72, 75) **BURNS, Robert, Charles** [ZW/ZA]; 15 Los Angeles Drive, 2195 Northcliff (ZA). **FISHER, David** [GB/GB]; 6 Lancaster Road, Maidenhead, Berkshire SL6 5EP (GB). **SPITS, Raymond, Anthony** [ZA/ZA]; 7 Allan Road, 2194 Bordeaux (ZA).

(74) **HOOPER, Anthony, Robert, Lloyd** et al. / etc.; Spoor and Fisher, PO 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **B01J 3/06**

(11) **WO 01/72406** (13) A1

(21) PCT/IB01/00540

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) en (26) en

(30) 0007889.9 **31 Mar/mar 2000 GB (31.03.2000)**

(30) 0009488.8 **17 Apr/avr 2000 GB (17.04.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HIGH TEMPERATURE/HIGH PRESSURE COLOUR CHANGE OF DIAMOND

• CHANGEMENT SOUS HAUTE PRESSION/TEMPERATURE ÉLEVÉE DE LA COULEUR DU DIAMANT

(71) **DE BEERS INDUSTRIAL DIAMONDS (PROPRIETARY) LIMITED** [ZA/ZA]; Seo Building, Cnr Crownwood and Booyens Reserve Roads, Theta, 2000 Johannesburg (ZA).

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(72, 75) **BURNS, Robert, Charles** [ZW/ZA]; 15 Los Angeles Drive, 2195 Northcliff (ZA). **FISHER, David** [GB/GB]; 6 Lancaster Road, Maidenhead, Bedfordshire SL6 5EP (GB). **SPITS, Raymond, Anthony** [ZA/ZA]; Allan Road, Bordeaux, 2194 Johannesburg (ZA).

(74) **HOOPER, Anthony, Robert, Lloyd** et al. / etc.; Spoor and Fisher, PO 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **B01J 8/08, B28B 5/00, F23N 5/00**

(11) **WO 01/72407** (13) A1

(21) PCT/IL01/00231

(22) **11 Mar/mar 2001 (11.03.2001)**

(25) en (26) en

(30) 09/535.805 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS FOR SELF-PROPAGATING HIGH TEMPERATURE SYNTHESIS

• APPAREIL PERMETTANT LA SYNTHÈSE A TEMPERATURE ÉLEVÉE ET A PROPAGATION AUTONOME

(71) **COMSYNTECH LTD.** [IL/IL]; P.O. Box 73, Industrial Area, 10550 Migdal Haemek (IL).
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(72, 75) **KOPYT, Yuri** [IL/IL]; Aluma St. 12/6, 17000 Nazrat-Illit (IL).

(74) **AGRANOV, David**; Moriah Ave. 20, 34571 Haifa (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **B01J 8/22**

(11) **WO 01/72408** (13) A1

(21) PCT/FR01/00596

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) fr (26) fr

(30) 00/03924 **27 Mar/mar 2000 FR (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR CONVERTING HYDROCARBONS IN A THREE-PHASE REACTOR

● PROCEDE DE CONVERSION D'HYDROCARBURES DANS UN REACTEUR TRIPHASIQUE

(71) **INSTITUT FRANCAIS DU PETROLE** [FR/FR]; 1 et 4, avenue Bois Préau, F-92852 Rueil-Malmaison Cedex (FR).
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(72, 75) **SCHWEITZER, Jean-Marc** [FR/FR]; 3 allée des Cytises, Le Méridien, F-38200 Serpaire (FR). **GALTIER, Pierre** [FR/FR]; 41, allée des Pins Monsalomon, F-38200 Vienne (FR). **HUGUES, François** [FR/FR]; 10, chemin du Clos-Challans, Charly, F-69390 Vernaison (FR). **MARETTO, Cristina** [IT/IT]; Via Favaretto, 47, I-35100 Padova (IT).

(74) **ANDREEFF, François**; Institut Français du Pétrole, 1 et 4, avenue Bois Préau, F-92852 Rueil-Malmaison Cedex (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **B01J 8/44**

(11) **WO 01/72409** (13) A1

(21) PCT/EP01/03379

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) de (26) de

(30) 100 15 597.9 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● FLOOR ELEMENT FOR A DEVICE FOR TREATING PARTICULATE MATERIAL

● ELEMENT FOND D'UN DISPOSITIF DE TRAITEMENT D'UN PRODUIT PARTICULAIRE

(71) **HÜTTLIN GMBH** [DE/DE]; Daimlerstrasse 7, 79585 Steinen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WERNER, Thomas** [DE/DE]; Wittlinger Strasse 6 d, 79595 Rümplingen (DE). **GROSS, Martin** [DE/DE]; In der Haagmatt 7, 79585 Steinen (DE).

(74) **WELLER, Wolfgang** et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **B01J 13/16, C08F 2/18, C08J 9/20, C09D 7/12, 11/00, C08L 89/06**

(11) **WO 01/72410** (13) A1

(21) PCT/JP01/02300

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-132969 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PROCESS FOR PRODUCING HEAT-EXPANDABLE MICROCAPSULES

● PROCEDE DE FABRICATION DE MICROCAPSULES THERMO-EXPANSIBLES

(71) **MATSUMOTO YUSHI-SEIYAKU CO., LTD.** [JP/JP]; 1-3, Shibukawa-cho 2-chome, Yao-shi, Osaka 581-0075 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASUDA, Toshiaki** [JP/JP]; Matsumoto Yushi-Seiyaku Co., Ltd., 1-3, Shibukawa-cho 2-chome, Yao-shi, Osaka 581-0075 (JP). **TOKUMURA, Sachiko** [JP/JP]; Matsumoto Yushi-Seiyaku Co., Ltd., 1-3, Shibukawa-cho 2-chome, Yao-shi, Osaka 581-0075 (JP).

(74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).

(81) JP KR US.

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

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(51)⁷ **B01J 16/00, B01L 3/14**

(11) **WO 01/72411** (13) A1

(21) PCT/KR01/00232

(22) **16 Feb/fév 2001 (16.02.2001)**

(25) ko (26) en

(30) 2000/16267 **29 Mar/mar 2000 KR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● REACTION DEVICE FOR ORGANIC SYNTHESIS

● DISPOSITIF DE REACTION POUR SYNTHÈSE ORGANIQUE

(71) **PEPTRON INC.** [KR/KR]; #8105 Bmrc, Kaist, Kusung-dong, Yoosung-gu, Taejon 305-701 (KR).

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

(72, 75) **CHOI, Ho-Il** [KR/KR]; 108-901, Hanwool Apt., Sinsung-dong, Yoosung-gu, Taejon 305-345 (KR). **CHANG, Seung-Gu** [KR/KR]; 211-1603 Expo Apt., Jeonmin-dong, Yoosung-gu, Taejon 305-390 (KR). **KIM, Sun-Young** [KR/KR]; 105-204 Great-Nature Village Apt., Kwanjeo-dong, Seo-gu, Taejon 302-243 (KR). **KIM, Seong-Kyu** [KR/KR]; Jeonmin-dong, Yoosung-gu, Taejon 305-390 (KR). **BANG, Jeong-Kyu** [KR/KR]; 101-806 Hanaro Apt., Walpyung-dong, Seo-gu, Taejon 302-280 (KR).

(74) **YIM, Suk-Jae** et al. / etc.; 8th Floor, poonglim Bldg., 823-1 Yeoksam-dong, Kangnam-ku, Seoul 135-784 (KR).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B01J 19/00, C07K 1/04, C07H 21/00**

(11) **WO 01/72412** (13) A1

(21) PCT/EP01/03530

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 15 391.7 **28 Mar/mar 2000 DE (28.03.2000)**

(30) 200 05 738.3 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR INVESTIGATING THE MOLECULAR INTERACTION OF SOLUBLE OR SUSPENDABLE ACTIVE SUBSTANCES WITH SOLID-PHASE BONDED PEPTIDIC OR PEPTOID TARGET MOLECULES BY MEANS OF CAPILLARY PLATES HAVING A LARGE INNER SURFACE

• PROCEDE ET DISPOSITIF POUR ETUDIER LES INTERACTIONS MOLECULAIRES DE PRINCIPES ACTIFS, SOLIDES OU POUVANT ETRE MIS EN SUSPENSION, AVEC DES MOLECULES CIBLES PEPTIDIQUES OU PEPTOIDES LIEES A UNE PHASE SOLIDE, PAR L'INTERMEDIAIRE DE PLAQUES DE CAPILLAIRES PRESENTANT UNE GRANDE SURFACE INTERIEURE

(71) **LASER- UND MEDIZIN-TECHNOLOGIE GMBH BERLIN** [DE/DE]; Fabeckstr. 60-62, 14195 Berlin (DE).

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

(72, 75) **FREY, Andreas** [DE/DE]; Am Pastorenbusch 10, 48161 Münster (DE). **HELFMANN, Jürgen** [DE/DE]; Clara-Zetkin-Str. 22, 14532 Kleinmachnow (DE). **SCHMIDT, Marcus, Alexander** [DE/DE]; Piperfeldweg 116, 48329 Harisebeck (DE). **MÜLLER, Gerhard** [DE/DE]; An der Rehwiese 8, 14129 Berlin (DE).

(74) **EISENFÜHR, SPEISER & PARTNER**; Pacelliallee 43/45, 14195 Berlin (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).

Published / Publiée : (c)

(51)⁷ **B01J 19/12, H05B 6/64**

(11) **WO 01/72413** (13) A1

(21) PCT/EP01/03482

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de

(30) 100 15 794.7 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR IMPLEMENTING CHEMICAL REACTIONS AND PROCESSES IN HIGH FREQUENCY FIELDS

• DISPOSITIF POUR REALISER DES REACTIONS ET DES PROCESSUS CHIMIQUES DANS DES CHAMPS HAUTE FREQUENCE

(71) **MLS MIKROWELLEN-LABOR-SYSTEME GMBH** [DE/DE]; Auenweg 37, 88299 Leutkirch/Allgäu (DE).

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(72, 75) **LAUTENSCHLÄGER, Werner** [DE/DE]; Auenweg 37, 88299 Leutkirch/Allgäu (DE). **ONDRUSCHKA, Bernd** [DE/DE]; Käthe-Kollwitz-Strasse 35, 04109 Leipzig (DE). **NÜCHTER, Matthias** [DE/DE]; Waldbaurstrasse 15, 04347 Leipzig (DE).

(74) **RUPP, Christian**; Mitscherlich & Partner, Postfach 33 06 09, 80066 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 EE ES FI GB GD GE GH GM HR HU

ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **B01J 20/00**

(11) **WO 01/72414** (13) A2

(21) PCT/US01/10045

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/537,880 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ABSORBENT ARTICLES

• ARTICLES ABSORBANTS

(71) **JOHNSON & JOHNSON CONSUMER COMPANIES, INC.** [US/US]; 199 Grandview Road, Skillman, NJ 08558-9418 (US).

(72) **DACEY, Denise, Marie**; 21 North Main Street, Flemington, NJ 08822 (US). **MOSCHEROSCH, Hans, Michael**; 106 East Oakland Avenue, Doylestown, PA 18901 (US). **LUIZZI, Joseph, Michael**; 6 Periwinkle Place, Newtown, PA 18940 (US).

(74) **JOHNSON, Philip, S.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933-7003 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **B01J 23/42, 23/44, 23/48, 23/70, 23/755, 37/02, C07C 5/03, 5/08, 7/163**

(11) **WO 01/72415** (13) A1

(21) PCT/EP01/03376

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 15 250.3 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SHELL CATALYSTS, METHOD FOR PRODUCING THE SAME, AND THE USE THEREOF

• CATALYSEURS A COQUE, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION

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

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(72, 75) **ARNOLD, Heiko** [DE/DE]; A 2,8, 68159 Mannheim (DE). **FREIRE ERDBRÜGGER, Cristina** [DE/DE]; Herzheimer Strasse 24, 67251 Freinsheim (DE). **HEIDEMANN, Thomas** [DE/DE]; Hinter den Gärten 9, 69469 Weinheim (DE). **MEYER, Gerald** [DE/DE]; Bockenheimer Strasse 1, 67067 Ludwigshafen (DE). **UNVERRICHT, Signe** [DE/DE]; Gartenfeldstrasse 23, 68169 Mannheim (DE). **FRENZEL, Andrea** [DE/DE]; Von-Denis-Strasse 10a, 67117 Limburgerhof (DE). **WULFF-DÖRING, Joachim** [DE/DE]; Im Griesgarten 5, 67105 Schifferstadt (DE). **ANSMANN, Andreas** [DE/DE]; Im Köpfle 6, 69168 Wiesloch (DE).

(74) **ISENBRUCK, Günter**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

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

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

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(51)⁷ **B01J 23/46, C01B 3/40**

(11) **WO 01/72416** (13) A1

(21) PCT/JP01/02650

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 2000-90391 **29 Mar/mar 2000 JP (29.03.2000)**

(30) 2000-214427 **14 Jul/juil 2000 JP (14.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CATALYST FOR REFORMING HYDROCARBON AND METHOD FOR PRODUCING THE SAME

• CATALYSEUR DESTINE A MODIFIER LES HYDROCARBURES ET SON PROCEDE DE FABRICATION

(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) **OHASHI, Hiroshi** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0107 (JP). **FUKUNAGA, Tetsuya** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0107 (JP).

(74) **OHTANI, Tamotsu**; TOMOE-CHO AN-NEX-II 4F, 8-27, 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 CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B01J 23/74, 21/12, 32/00, C10G 25/00, C01B 3/38**

(11) **WO 01/72417** (13) A1

(21) PCT/JP01/02861

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) ja (26) ja

(30) 2000-96487 **31 Mar/mar 2000** JP
(31.03.2000)

(30) 2000-96490 **31 Mar/mar 2000** JP
(31.03.2000)

(30) 2000-214145 **14 Jul/juil 2000** JP
(14.07.2000)

(30) 2000-214146 **14 Jul/juil 2000** JP
(14.07.2000)

(30) 2000-214147 **14 Jul/juil 2000** JP
(14.07.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DESULFURIZING AGENT FOR HYDROCARBON DERIVED FROM PETROLEUM, METHOD FOR PRODUCING HYDROGEN FOR USE IN FUEL CELL AND METHOD FOR PRODUCING NICKEL-BASED DESULFURIZING AGENT

● AGENT DESULFURANT POUR HYDROCARBURES DERIVES DE PETROLE, PROCEDE DE FABRICATION D'HYDROGENE POUR PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION D'AGENT DESULFURANT A BASE DE NICKEL

(71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).
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(72, 75) **KATSUNO, Hisashi** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0107 (JP). **MATSUDA, Satoshi** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0107 (JP). **SAITO, Kazuhito** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0107 (JP). **YOSHINAKA, Masahiro** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0107 (JP).

(74) **OHTANI, Tamotsu**; TOMOE-CHO ANNEX-II 4F, 8-27, 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 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B01J 27/26, C08G 65/30, 65/10, 65/26**

(11) **WO 01/72418** (13) A1

(21) PCT/EP01/03498

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 00201170.8 **30 Mar/mar 2000** EP
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DMC COMPLEX CATALYST AND PROCESS FOR ITS PREPARATION
● CATALYSEUR COMPLEXE AU CYANURE METALLIQUE DOUBLE ET SON PROCEDE DE PREPARATION

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
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(72, 75) **ELEVELD, Michiel, Barend** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **DE GROOT, Riemer, Alberts** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **VAN KEMPEN, Ronald** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL). **SMIT, Johan, Paul** [NL/NL]; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **B01J 29/04, C07D 301/12, C07C 249/04**

(11) **WO 01/72419** (13) A1

(21) PCT/EP01/03227

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 00106671.1 **29 Mar/mar 2000** EP
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PROCESS FOR THE PRODUCTION OF A TITANIUM SILICALITE SHAPED BODY
● PROCEDE DE PRODUCTION D'UN CORPS MIS EN FORME A BASE DE SILICATITE DE TITANE

(71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASENZ AHL, Steffen** [DE/DE]; Florscheidstrasse 23, 63477 Maintal (DE). **JANTKE, Ralf** [DE/DE]; Rauhriesenweg 5, 63776 Mömbris (DE).

(74) **STERNAGEL, FLEISCHER, GODEMEYER & PARTNER**; Braunsberger Feld 29, 51429 Bergisch Gladbach (DE).

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

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

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(51)⁷ **B01J 29/04, C07D 301/12, C07C 249/04**

(11) **WO 01/72420** (13) A1

(21) PCT/EP01/03239

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 00106670.3 **29 Mar/mar 2000** EP
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PROCESS FOR THE PRODUCTION OF A TITANIUM SILICALITE SHAPED ARTICLE
● PROCEDE DE PRODUCTION D'ARTICLE FORME A BASE DE SILICATITE DE TITANE

(71) **DEGUSSA AG** [DE/DE]; Bennigsenplatz 1, 40474 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASENZ AHL, Steffen** [DE/DE]; Florscheidstrasse 23, 63477 Maintal (DE). **JANTKE, Ralf** [DE/DE]; Rauhriesenweg 5, 63776 Mömbris (DE).

(74) **STERNAGEL, FLEISCHER, GODEMEYER & PARTNER**; Braunsberger Feld 29, 51429 Bergisch Gladbach (DE).

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

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

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(51)⁷ **B01J 31/16, 31/18, 31/24, 31/22, C07C 6/04, C07F 15/00**

(11) **WO 01/72421** (13) A1

(21) PCT/GB01/01310

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007229.8 **24 Mar/mar 2000** GB
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● POLYMER SUPPORTED CATALYSTS FOR OLEFIN METATHESIS

- CATALYSEURS A SUPPORT POLYMERIQUE POUR METATHESE OLEFINIQUE
- (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) **BARRETT, Anthony, Gerard, Martin** [GB/GB]; Imperial College of Science, Technology and Medicine, Exhibition Road, London SW7 2AZ (GB). **BRADDOCK, David, Christopher** [GB/GB]; Imperial College of Science, Technology and Medicine, Exhibition Road, London SW7 2AZ (GB).
- (74) **DOLTON, Peter, I.**; GlaxoSmithKline, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B01J 39/00**
- (11) **WO 01/72422** (13) A2
- (21) PCT/US01/09208
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/534,868 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF REMOVING ORGANIC IODIDES FROM ORGANIC MEDIA
• PROCEDE D'ELIMINATION D'IODURES ORGANIQUES DE MILIEUX ORGANIQUES NON AQUEUX
- (71) **CELANESE INTERNATIONAL CORPORATION** [US/US]; 1601 West LBJ Freeway, Dallas, TX 75234 (US).
- (72) **BLAY, George, A.**; 4518 Lake Bistineau, Corpus Christi, TX 78413 (US). **BROUSARD, Jerry, A.**; 7505 Venice Drive, Corpus Christi, TX 78413 (US). **TORRENCE, G., Paull**; 301 Morningside, Corpus Christi, TX 78404 (US).
- (74) **MULLEN, James, J.** et al. / etc.; Celanese Ltd., 1901 Clarkwood Road, Corpus Christi, TX 78409 (US).
- (81) AU BR CA CN CZ ID IL JP KR MX NO NZ PL RU SG TR TT UA YU.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **B01L 3/00, 3/02, C08J 7/00, B41J 2/16**
- (11) **WO 01/72423** (13) A1
- (21) PCT/EP01/03032
- (22) **16 Mar/mar 2001 (16.03.2001)**
- (25) de (26) de
- (30) 100 15 380.1 **28 Mar/mar 2000 DE (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MICROFLUID COMPONENTS AND METHOD FOR THE SURFACE TREATMENT THEREOF
• PIECE POUR SYSTÈME MICROFLUIDIQUE ET PROCEDE DE TRAITEMENT DE LA SURFACE D'UNE TELLE PIECE
- (71) **NMI NATURWISSENSCHAFTLICHES UND MEDIZINISCHES INSTITUT AN DER UNIVERSITÄT TÜBINGEN** [DE/DE]; Markwiesenstrasse 55, 72770 Reutlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STELZLE, Martin** [DE/DE]; Rosnetstrasse 20/6, 72776 Reutlingen (DE).
- (74) **GAHLERT, Stefan** et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (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).
- Published / Publiée : (c)
-
- (51)⁷ **B01L 7/00, B01F 13/08, B01L 3/00**
- (11) **WO 01/72424** (13) A1
- (21) PCT/GB01/01284
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 0007219.9 **24 Mar/mar 2000 GB (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HEATING SPECIMEN CARRIERS
• CHAUFFAGE DE SUPPORT D'ECHAN-TILLONS
- (71) **BJS COMPANY LTD.** [GB/GB]; 65 Bideford Avenue, Perivale, Greenford, Middlesex UB6 7PP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUNTER, Ian, Alan** [GB/GB]; 40 Glebe Road, Stanmore, Middlesex HA7 4EL (GB).
- (74) **FAULKNER, Thomas, John** et al. / etc.; fJ Cleveland, 40-43 Chancery Lane, London WC2A 1JQ (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **B02C 19/20, 18/14**
- (11) **WO 01/72425** (13) A1
- (21) PCT/EP01/01251
- (22) **6 Feb/fév 2001 (06.02.2001)**
- (25) de (26) de
- (30) 100 14 714.3 **24 Mar/mar 2000 DE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • STRAINER GRANULATOR FOR MATERIAL IN LUMPS
• GRANULATEUR A TAMIS POUR MATERIAU EN GROS MORCEAUX
- (71) **ALEXANDERWERK AG** [DE/DE]; Kippdorfstrasse 6-24, 42857 Remscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EGGERT, Axel** [DE/DE]; Alte Schulstrasse 20, 40789 Monheim (DE).
- (74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, 40472 Düsseldorf (DE).
- (81) CA 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 **B03B 5/56, B01D 33/067, C02F 11/12**
- (11) **WO 01/72426** (13) A1
- (21) PCT/IE01/00043
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) S2000/0235 **29 Mar/mar 2000 IE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEWATERING APPARATUS
• DISPOSITIF D'EGOUTTAGE
- (71, 72) **BIELLENBERG, John, Peter** [IE/IE]; 5 The Crescent, Lucan, County Dublin (IE).
- (74) **F.F. GORMAN & CO.**; 54 Merrion Square, Dublin 2 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B03C 1/32**
- (11) **WO 01/72427** (13) A1
- (21) PCT/RU01/00120
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) ru (26) ru
- (30) 2000107947 **30 Mar/mar 2000 RU (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MAGNETO-HYDROSTATIC SEPARATOR
• SÉPARATEUR MAGNÉTOHYDROSTATIQUE

(71) **SEVERO-KAVKAZSKY GOSU-DARSTVENNYI TEKHNOLOGICHESKYI UNIVERSITET (SKGTU)** [RU/RU]; ul. Nikolaeva, 44, Vladikavkaz, RSO-Alaniya, 362021 (RU).
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(72, 75) **KAZIMIROV, Mikhail Pavlovich** [RU/RU]; Osenny bulvar, 8-366, Moscow, 121314 (RU). **DJUNOV, Vasily Alexandrovich** [RU/RU]; ul. Dzusova, 26-2-96, Vladikavkaz, RSO-Alaniya, 362045 (RU). **EVDOKIMOV, Sergei Ivanovich** [RU/RU]; ul. 40 let Pobedy, 8-85, Vladikavkaz, RSO-Alaniya, 362048 (RU). **SOLODENKO, Alexandr Borisovich** [RU/RU]; ul. Levanevskogo, 253, Vladikavkaz, RSO-Alaniya, 362035 (RU).

(74) **EGOROVA, Galina Borisovna et al.** / etc.; OOO "Gorodisskiy i Partnery", ul. Bolshaya Spasskaya, 25, Stroenie 3, Moscow, 129010 (RU).

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

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

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(51)⁷ **B03C 3/16**

(11) **WO 01/72428** (13) A1

(21) PCT/KR00/00264

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) ko (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **AIR CLEANER**
• **PURIFICATEUR D'AIR**

(71) **N.C. CO., LTD.** [KR/KR]; 280-2 Kajung-dong, Seo-ku, Incheon 404-230 (KR).
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(72, 75) **PARK, Won** [KR/KR]; 108-1401 Yunsoo 1st woosung Apts., 635, Yunsoo-dong, Yunsoo-ku, Incheon 406-110 (KR). **KIM, Young, Su** [KR/KR]; 101-1915 Sinmiju Apts., 4-20, Yunmoo-dong, Jangan-ku, Suwon-si, Kyungki-do 440-240 (KR).

(74) **LEE, Wan, Hwee**; #407 Sungjee Heights 3 Building, 642-6, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(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 IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

(51)⁷ **B05B**

(11) **WO 01/72429** (13) A2

(21) PCT/US01/40320

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/535,903 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **APPARATUS AND METHOD FOR USING BUBBLE AS VIRTUAL VALVE IN MICROINJECTOR TO EJECT FLUID**

• **DISPOSITIF ET PROCEDE POUR L'UTILISATION D'UNE BULLE COMME SOUPAPE VIRTUELLE DANS UN MICRO-INJECTEUR AFIN D'EJECTER UN FLUIDE**

(71, 72) **KIM, Chang-Jin** [KR/US]; 2600 Overland Ave., 315, Los Angeles, CA 90064 (US). **HO, Chih-Ming** [KR/US]; 11959 Mayfield Avenue #5, Brentwood, CA 90049 (US). **TSENG, Fan-Gang** [—/—]; #10 Lane 3, Kuo-Chung St., Hsiang-Shan Dist., Hsinchu 300 (TW).

(74) **HALPERIN, Brett, L.**; Chan Law Group LC, 911 Wilshire Blvd. #2288, Los Angeles, CA 90017 (US).

(81) AU BR CA CN CZ HU ID IL JP KR MX PL RU TR.

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

(51)⁷ **B05B 1/02, B08B 1/04, 3/04, H01L 21/00**

(11) **WO 01/72430** (13) A2

(21) PCT/US01/09823

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/538,865 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **DRIP MANIFOLD FOR UNIFORM CHEMICAL DELIVERY**

• **COLLECTEUR D'EGOUTTEMENT PERMETTANT UNE DISTRIBUTION UNIFORME DE PRODUIT CHIMIQUE**

(71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538 (US).

(72) **ANDERSON, DON, E.**; 2173 Darnis Circle, Morgan Hill, CA 95037 (US). **MIKHAYLICH, Katrina, A.**; 1809 Willow Lake Lane, San Jose, CA 95131 (US). **RAVKIN, Mike**; 1215 West Knickerbocker Drive, Sunnyvale, CA 94087 (US). **DELA-RIOS, John, M.**; 941 Loma verde, Palo Alto, CA 94303 (US).

(74) **MIZUMOTO, Edmund, H.**; Martine Penilla & Kim, LLP, 710 Lakeway Drive, Suite 170, Sunnyvale, CA 94085 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **B05B 7/04, 7/06, F02M 69/04, 67/10**

(11) **WO 01/72431** (13) A1

(21) PCT/CH01/00191

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 15 109.4 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD AND DEVICE FOR PRODUCING DROPS OF EQUAL SIZE**

• **PROCEDE ET DISPOSITIF POUR PRODUIRE DES GOUTTES DE MEME DIMENSION**

(71) **NISCO ENGINEERING AG** [CH/CH]; Dufourstrasse 110, CH-8008 Zürich (CH).

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

(72, 75) **WALZEL, Peter** [DE/DE]; Von Ketteler Strasse 4, 41539 Dormagen (DE).

(74) **CLERC, Natalia**; Isler & Pedrazzini AG, Postfach 6940, CH-8023 Zürich (CH).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ (Utility model / modèle d'utilité) 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 EE (Utility model / modèle d'utilité) ES FI (Utility model / modèle d'utilité) GB GD GE GH (Utility model / modèle d'utilité) GM HR HU ID IL IN 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 (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B05B 7/26**

(11) **WO 01/72432** (13) A1

(21) PCT/US01/09830

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/538,855 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **SPRAY APPARATUS FOR PROVIDING AN OZONE/AQUEOUS STREAM**

• **PULVERISATEUR POUR MELANGE OZONE/AQUEUX**

(71) **DEL INDUSTRIES, INC.** [US/US]; 3428 Bullock Lane, San Luis Obispo, CA 93403 (US).

(72) **SANDS, David, Alan**; 3110 Nacimiento Lake Drive, Paso Robles, CA 93446 (US). **CANNAVINO, Joseph, Anthony**; 2615 Hemlock, Morro Bay, CA 93442 (US).

(74) **UXA, Frank, J.**; Stout, Uxa, Buyan & Mullins, 4 Venture, Suite 300, Irvine, CA 92618 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B05C 1/08, D21H 23/56**

(11) **WO 01/72433** (13) A1

(21) PCT/FI01/00288

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 20000698 **24 Mar/mar 2000** FI (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ARRANGEMENT FOR FEEDING A TREATMENT SUBSTANCE TO AN APPLICATION DEVICE

● ARRANGEMENT POUR L'ALIMENTATION D'UNE SUBSTANCE DE TRAITEMENT A UN DISPOSITIF APPLICATEUR

(71) **METSO PAPER, INC.** [FI/FI]; Fabiankatu 9 A, FIN-00130 Helsinki (FI). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUMMILA, Markku** [FI/FI]; Kaakkoiskaari 9, FIN-40530 Jyväskylä (FI). **AUTIO, Erkki** [FI/FI]; Haperontie 7 B 29, FIN-40640 Jyväskylä (FI). **SALO, Markku** [FI/FI]; Saharannankuja 4, FIN-41340 Laukka (FI).

(74) **SEPPO LAINE OY**; Itämerenkatu 3 B, FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B05D 1/08, B05B 3/12, 7/20, C23C 4/12**

(11) **WO 01/72434** (13) A1

(21) PCT/US01/08845

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 09/538,074 **29 Mar/mar 2000** US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● APPARATUS AND METHOD FOR COATING THE OUTER SURFACE OF A WORKPIECE

● DISPOSITIF ET PROCEDE PERMETTANT DE RECOUVRIR LA SURFACE EXTERIEURE D'UNE PIECE A USINER

(71) **SULZER METCO (US) INC.** [US/US]; 1101 Prospect Avenue, Westbury, NY 11590 (US).

(72) **HAWLEY, David**; 14 Wildflower Drive, Kings Park, NY 11754 (US). **NESTLER, Montia**; 9 Barbara Lane, Farmingdale, NY 11735 (US). **VARLEY, Kevin**; 7 Clover Drive, Smithtown, NY 11787 (US).

(74) **SCHAEFER, Ira, J.**; Clifford Chance Rogers & Wells LLP, 200 Park Avenue, New York, NY 10166-0153 (US).

(81) CA JP.

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

(51)⁷ **B06B 1/04**

(11) **WO 01/72435** (13) A1

(21) PCT/JP01/01711

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) ja (26) ja

(30) 2000-87866 **28 Mar/mar 2000** JP (28.03.2000)

(30) 2000-170216 **7 Jun/juin 2000** JP (07.06.2000)

(30) 2001-44712 **21 Feb/fév 2001** JP (21.02.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● VIBRATION-GENERATING DEVICE AND PORTABLE TELEPHONE COMPRISING THE SAME

● VIBREUR ET TELEPHONE PORTABLE EQUIPE D'UN TEL DISPOSITIF

(71) **IWAKI ELECTRONICS CO., LTD.** [JP/JP]; 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

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

(72, 75) **KOBAYASHI, Koichi** [JP/JP]; c/o IWAKI ELECTRONICS CO., LTD., 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP). **SAKATA, Shigemichi** [JP/JP]; c/o IWAKI ELECTRONICS CO., LTD., 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP). **SUZUKI, Minoru** [JP/JP]; c/o IWAKI ELECTRONICS CO., LTD., 36-11, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).

(74) **OMATA, Yukio**; 4th Floor, Nakagin-Shiroshima Bldg., 16-13, Ginza 8-chome, Chuo-ku, Tokyo 104-0061 (JP).

(81) CN KR US.

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

(51)⁷ **B07B 1/16, 1/42**

(11) **WO 01/72436** (13) A1

(21) PCT/DE01/01236

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 100 15 945.1 **29 Mar/mar 2000** DE (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DEVICE AND METHOD FOR CLEANING AND SORTING USED PAPER CONTAINING CARDBOARD AND PAPERBOARD ITEMS

● DISPOSITIF ET PROCEDE POUR NETTOYER ET TRIER DES VIEUX PAPIERS CONTENANT DES CARTONNAGES ET DU CARTON

(71, 72) **GLASS, Walter** [DE/DE]; Bürgermeister-Fendt-Str. 10, 89350 Dürri-laingen (DE). **BAUR, Jakob** [DE/DE]; Lindenstrasse 18, 89284 Pfaffenhofen (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Gostritzer Str. 61-63, 01217 Dresden (DE).

(81) US.

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

Published / Publiée : (c)

(51)⁷ **B07C 5/36**

(11) **WO 01/72437** (13) A2

(21) PCT/IB01/00510

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) fr (26) fr

(30) 0003876 **28 Mar/mar 2000** FR (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AUTOMATIC SELECTIVE SORTING DEVICE

● DISPOSITIF DE TRI SELECTIF AUTOMATIQUE

(71) **INTERNOVA INTERNATIONAL INNOVATION COMPANY B.V.** [NL/NL]; Aert van Nesstraat 45, NL-3012 CA Rotterdam (NL).

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

(72, 75) **FRANCI, François-Marie** [FR/FR]; 24, rue du Moulin, F-91540 Ormoy (FR).

(74) **NITHARDT, Roland**; Cabinet Roland Nithardt, Y-Parc/Rue Galilée 9, CH-1400 Yverdon-les-Bains (CH).

(81) CA US.

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

(51)⁷ **B08B 3/02, 1/04, A47L 1/02, E04G 23/00**

(11) **WO 01/72438** (13) A1

(21) PCT/NL01/00043

(22) **22 Jan/jan 2001 (22.01.2001)**
(25) nl (26) en
(30) 1014205 **27 Jan/jan 2000 NL**
(**27.01.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ARRANGEMENT AND METHOD FOR
CLEANING FRONTS
● PROCEDE ET DISPOSITIF DE NET-
TOYAGE DES FAÇADES

(71) **BEDRIJFSDIENSTEN V.D. BLES**
[NL/NL]; Ds. L. Touwenlaan 4, NL-8754 BS
Makkum (NL).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **VAN DER BLES, Lebuinus, Fran-
ciskus, Petrus** [NL/NL]; Ds. L. Touwen-
laan 4, NL-8754 BS Makkum (NL). **VAN
DER BLES, Hendrikus, Lebuinus, Maria**
[NL/NL]; Ds. L. Touwenlaan 4, NL-8754 BS
Makkum (NL).

(74) **VAN DER BLES, Lebuinus, Franciskus,
Petrus**; Ds. L. Touwenlaan 4, NL-8754 BS
Makkum (NL).

(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 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B08B 9/055, 9/04**

(11) **WO 01/72439** (13) A1

(21) PCT/GB01/01345

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 0007314.8 **27 Mar/mar 2000 GB**
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● APPARATUS
● APPAREIL

(71) **FTL SEALS TECHNOLOGY LIMITED**
[GB/GB]; Bruntcliffe Avenue, Leeds 27 Busi-
ness Park, Morley, Leeds LS27 0TG (GB).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SMITH, Steve** [GB/GB]; 30 The Spin-
ney, Street Lane, Moortown, Leeds LS17
6SP (GB). **SYKES, Simon** [GB/GB]; 10
Foxglove Folly, Alverthorpe, Wakefield WF2
0FF (GB).

(74) **HARRISON GODDARD FOOTE**; Tower
House, Merrion Way, Leeds LS2 8PA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B09B 3/00, C05F 9/02**

(11) **WO 01/72440** (13) A1

(21) PCT/JP01/01046

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) ja (26) ja

(30) 2000-92271 **29 Mar/mar 2000 JP**
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ORGANIC WASTE PROCESSING
METHOD AND DEVICE THEREFOR
● PROCEDE DE TRAITEMENT DE DE-
CHETS ORGANIQUES ET DISPOSITIF
CORRESPONDANT

(71) **JAPAN LIFE CENTER, INC.** [JP/JP]; 301
Daito Bldg., 863-4 Aza Ohama, Motobu-cho,
Kunigami-gun, Okinawa 905-0212 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) **UEDA, Yasuichi** [JP/JP]; 880-1 Aza
Ohama, Motobu-cho, Kunigami-gun, Okin-
awa 905-0212 (JP).

(74) **NISHIMORI, Koji**; AOI INTERNA-
TIONAL PATENT FIRM, 401, Kyodo Bldg.
Akasaka, 3-1, Akasaka 4-chome, Minato-ku,
Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B09B 3/00, C05F 9/02**

(11) **WO 01/72441** (13) A1

(21) PCT/JP01/01047

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) ja (26) ja

(30) 2000-92272 **29 Mar/mar 2000 JP**
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ORGANIC WASTE PROCESSING
METHOD AND DEVICE THEREFOR
● PROCEDE DE TRAITEMENT DE DE-
CHETS ORGANIQUES ET DISPOSITIF
A CET EFFET

(71) **JAPAN LIFE CENTER, INC.** [JP/JP]; 301
Daito Bldg., 863-4 Aza Ohama, Motobu-cho,
Kunigami-gun, Okinawa 905-0212 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) **UEDA, Yasuichi** [JP/JP]; 880-1 Aza
Ohama, Motobu-cho, Kunigami-gun, Okin-
awa 905-0212 (JP).

(74) **NISHIMORI, Koji**; AOI INTERNA-
TIONAL PATENT FIRM, 401 Kyodo Bldg.
Akasaka, 3-1, Akasaka 4-chome, Minato-ku,
Tokyo 107-0052 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ 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 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B21B 1/26**

(11) **WO 01/72442** (13) A1

(21) PCT/JP01/02688

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 2000-91388 **29 Mar/mar 2000 JP**
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD OF ROLLING SHEET AND
ROLLING MACHINE
● PROCEDE DE LAMINAGE DE
FEUILLE ET LAMINOIR

(71) **KAWASAKI JUKOGYO KABUSHIKI
KAISHA** [JP/JP]; 1-1, Higashikawasaki-cho
3-chome, Chuo-ku, Kobe-shi, Hyogo
650-8670 (JP). **NAKAYAMA STEEL
WORKS, LTD.** [JP/JP]; 1-66, Funamachi
1-chome, Taisho-ku, Osaka-shi, Osaka
551-8551 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **TAKAHASHI, Masanori** [JP/JP];
5-17-14, Izumidai, Kita-ku, Kobe-shi, Hyogo
651-1141 (JP). **ADACHI, Akio** [JP/JP]; 2-23,
Kawasaki-cho, Akashi-shi, Hyogo 673-0014
(JP). **TAKAOKA, Shinji** [JP/JP]; 2-1-44,
Asahigaoka, Tarumi-ku, Kobe-shi, Hyogo
655-0033 (JP). **CHIKUSHI, Ichiro** [JP/JP];
82-14, Yuyamadai 2-chome, Kawanishi-shi,
Hyogo 666-0137 (JP). **KURAHASHI,
Ryuro** [JP/JP]; 1-22-1-310, Tsukaguchi-cho,
Amagasaki-shi, Hyogo 661-0002 (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 US.

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

(51)⁷ **B21B 13/14, 31/18**

(11) **WO 01/72443** (13) A1

(21) PCT/JP01/01868

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) ja (26) ja

(30) 2000-85818 **27 Mar/mar 2000 JP**
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DEVICE AND METHOD FOR SHIFT-
ING WORK ROLL OF CLUSTER MILL

- DISPOSITIF ET PROCEDE DE DEPLACEMENT D'UN CYLINDRE DE TRAVAIL D'UN LAMINOIR SEXTO
- (71) **MITSUBISHI HEAVY INDUSTRIES, LTD.** [JP/JP]; 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP). **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachi-dori, 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIURA, Tadashi** [JP/JP]; c/o Hiroshima Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553 (JP). **HANGAI, Youichi** [JP/JP]; c/o Hiroshima Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 6-22, Kan-on-shin-machi 4-chome, Nishi-ku, Hiroshima-shi, Hiroshima 733-8553 (JP). **KATSURA, Shigefumi** [JP/JP]; c/o Chiba Works, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **KOHIRO, Yoshitake** [JP/JP]; c/o Chiba Works, KAWASAKI STEEL CORPORATION, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP).
- (74) **MITSUISHI, Toshiro** et al. / etc.; Mitsui Law and Patent Office, Nihontanpahosokaikan, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B21C 47/34, 47/02**
- (11) **WO 01/72444** (13) A1
- (21) PCT/EP01/03251
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) de (26) de
- (30) 100 14 813.1 **27 Mar/mar 2000 DE (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND DEVICE FOR REELING UP IN THE PROPER POSITION A HOT-ROLLED STRIP IN A REELING INSTALLATION
- PROCEDE ET DISPOSITIF PERMETTANT D'ENROULER UN FEUILLARD LAMINE A CHAUD DANS UNE POSITION CORRECTE, DANS UN DISPOSITIF D'ENROULEMENT
- (71) **BFI VDEH-INSTITUT FÜR ANGEWANDTE FORSCHUNG GMBH** [DE/DE]; Sohnstrasse 65, 40237 Düsseldorf (DE). **THYSSEN KRUPP STAHL AG** [DE/DE]; August-Thyssen-Strasse 1, 40211 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÜLLER, Ulrich** [DE/DE]; Maria-Montessori-Strasse 59, 40789 Monheim (DE). **WOLFF, Andreas** [DE/DE]; Kaiserstrasse 34a, 40479 Düsseldorf (DE). **THIEMANN, Gerd** [DE/DE]; Kassenberger Strasse 168b, 44879 Bochum (DE). **DEGENER, Michael** [DE/DE]; Wunnenbergstrasse 12, 44229 Dortmund (DE).
- (74) **KÖNIG, Reimar** et al. / etc.; Lohengrinstrasse 11, 40549 Düsseldorf (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **B21D 43/05**
- (11) **WO 01/72445** (13) A1
- (21) PCT/EP01/02611
- (22) **8 Mar/mar 2001 (08.03.2001)**
- (25) de (26) de
- (30) 100 14 851.4 **24 Mar/mar 2000 DE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PAIR OF GRABS, IN PARTICULAR OF A TRANSVERSAL TRANSPORT DEVICE IN MULTIPLE-DIE PRESSES
- PAIRE DE GRIFFES, NOTAMMENT D'UN DISPOSITIF DE TRANSPORT TRANSVERSAL SUR UNE PRESSE A PLUSIEURS ETAGES
- (71) **WAFIOS AKTIENGESELLSCHAFT** [DE/DE]; Silberburgstrasse 5, 72764 Reutlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GÖDTNER, Werner** [DE/DE]; Baumgartenweg 7, 72764 Reutlingen (DE).
- (74) **WOLFF, Michael, Walter, R.**; Kirchheimer Str. 69, Sillenbuch, 70619 Stuttgart (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).
- Published / Publiée : (c)
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- (51)⁷ **B21D 51/44**
- (11) **WO 01/72446** (13) A1
- (21) PCT/US00/08382
- (22) **29 Mar/mar 2000 (29.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CONTAINER END CLOSURE EDGE REFORMING
- REFORMAGE DE BORD DE FERMETURE D'EXTREMITE DE RECIPIENT
- (71) **BALL CORPORATION** [US/US]; 10 Longs Peak Drive, Broomfield, CO 80021 (US).
- (72) **CHASTEEN, Howard, C.**; 352 Copperdale Lane, Golden, CO 80403 (US).
- (74) **ZINGER, David, F.** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, CO 80202-5141 (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 LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B21F 27/10, B23K 9/00, E04C 5/16**
- (11) **WO 01/72447** (13) A1
- (21) PCT/US01/10445
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/193,408 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MODULAR STEEL CONCRETE REINFORCEMENT SYSTEM
- SYSTEME DE RENFORCEMENT MODULAIRE DE BETON PAR DE L'ACIER
- (71) **GLOBAL STEEL, LLC** [US/US]; Suite 201, 733 7th Avenue, Kirkland, WA 98083 (US).
- (72) **VITTONI, Domenic**; 19611 Military Road S., Sea Tac, WA 98188 (US).
- (74) **LOWE, David, A.**; Black Lowe & Graham PLLC, 816 2nd Avenue, Seattle, WA 98104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **B21K 1/14, B21J 5/06, F16C 11/06**
- (11) **WO 01/72448** (13) A1
- (21) PCT/JP00/04129
- (22) **23 Jun/juin 2000 (23.06.2000)**
- (25) ja (26) ja
- (30) 2000-91896 **29 Mar/mar 2000 JP (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF MANUFACTURING BALL JOINT HOUSING
- PROCEDE DE FABRICATION D'UN BOITIER D'ARTICULATION A ROTULE
- (71) **KABUSHIKI KAISHA SOMIC ISHIKAWA** [JP/JP]; 34-6, Honjo 1-chome, Sumida-ku, Tokyo 130-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **MISAWA, Noboru** [JP/JP]; Kabushiki Kaisha Somic Ishikawa, Hamamatsu-kojo, 500, Furukawa-cho, Hamamatsu-shi, Shizuoka 435-8560 (JP).
- (72, 75) **KATO, Hiroshi** [JP/JP]; Kabushiki Kaisha Somic Ishikawa, Hamamatsu-kojo, 500, Furukawa-cho, Hamamatsu-shi, Shizuoka 435-8560 (JP).
- (74) **KABASAWA, Joo** et al. / etc.; NSO Building, 1-22, Shinjuku 3-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
- (81) CN US.

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

(51)⁷ **B21K 1/70, B21D 53/24**

(11) **WO 01/72449** (13) A2

(21) PCT/EP01/03614

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 100 16 227.4 **31 Mar/mar 2000 DE (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR PRODUCING HOLLOW BODIES, PROFILE FOR USE IN SAID METHOD, HOLLOW BODY, ASSEMBLY UNIT AND MOLD

● PROCEDE DE PRODUCTION D'ELEMENTS A CORPS CREUX, PROFIL UTILISE DANS CE PROCEDE, ELEMENT A CORPS CREUX, COMPOSANT D'ASSEMBLAGE ET MATRICE

(71) **PROFIL VERBINDUNGSTECHNIK GMBH & CO. KG** [DE/DE]; Otto-Hahn-Strasse 22-24, 61381 Friedrichsdorf (DE).
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(72, 75) **BABEL, Jiri** [DE/DE]; Klosterweg 27, 35423 Lich (DE). **VIETH, Michael** [DE/DE]; Berkersheimer Weg 31, 61118 Bad Vilbel (DE). **HUMPERT, Richard** [DE/DE]; Ahornring 62a, 61191 Rosbach v.d. Höhe (DE).

(74) **MANITZ, FINSTERWALD & PARTNER GBR**; Postfach 22 16 11, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B22C 11/10, 15/08**

(11) **WO 01/72450** (13) A1

(21) PCT/DK00/00153

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MOULDING MACHINE FOR PRODUCING FLASKLESS MOULDS AND METHODS FOR OPERATING SAID MACHINE

● MACHINE A MOULER POUR LA FABRICATION DE MOULES SANS CHASSIS ET PROCEDES DE FONCTIONNEMENT DE LADITE MACHINE

(71) **GEORG FISCHER DISA A/S** [DK/DK]; Herlev Hovedgade 17, DK-2730 Herlev (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNUDSEN, Søren, Erik** [DK/DK]; Bundsvej 53, DK-3500 Værløse (DK).

(74) **BUDDE, SCHOU & OSTENFELD A/S**; Vester Søgade 10, DK-1601 København V (DK).

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

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

(51)⁷ **B22D 11/16**

(11) **WO 01/72451** (13) A1

(21) PCT/EP01/03621

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 100 15 469.7 **29 Mar/mar 2000 DE (29.03.2000)**

(30) 101 14 348.6 **22 Mar/mar 2001 DE (22.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AUTOMATIC START METHOD AND DEVICE FOR CONTINUOUS CASTING SYSTEMS

● PROCEDE ET DISPOSITIF POUR DEMARRER AUTOMATIQUEMENT DES INSTALLATIONS DE COULEE CONTINUE

(71) **SMS DEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard-Schloemann-Strasse 4, 40237 Düsseldorf (DE).
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(72, 75) **PLESCHIUTSCHNIGG, Fritz-Peter** [DE/DE]; Reiserweg 69, 47269 Duisburg (DE). **ALFERMANN, Dieter** [DE/DE]; Baerlerstrasse 66, 47495 Rheinland (DE). **BÖCHER, Tilmann** [DE/DE]; Eduard-Schloemann-Strasse 66, 40237 Düsseldorf (DE). **WOSCH, Erwin** [DE/DE]; Michaelstrasse 2, 52222 Stolberg (DE). **FELDHAUS, Stephan** [DE/DE]; Goethestrasse 46C, 40237 Düsseldorf (DE). **STALLEICKEN, Dieter** [DE/DE]; Bremweg 56, 47239 Duisburg (DE). **VONDERBANK, Michael** [DE/DE]; Poststrasse 41, 46509 Xanten (DE).

(74) **VALENTIN, Ekkehard**; Valentin, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(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 ZA ZW.

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

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **B22D 27/15, 15/02, 27/04**

(11) **WO 01/72452** (13) A1

(21) PCT/DE01/00941

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 14 591.4 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR THE UPHILL CASTING OF CAST PIECES IN SAND DIES WITH CONTROLLED SOLIDIFICATION

● PROCEDE DE COULEE EN SOURCE DANS DES MOULES EN SABLE A SOLIDIFICATION DIRIGEE DE PIECES COULEES

(71) **ACTECH GMBH ADVANCED CASTING TECHNOLOGIES GIESSEREITECHNOLOGIE** [DE/DE]; Am St. Niclas-Schacht 13, 09599 Freiberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOIGT, Heiko** [DE/DE]; Schlossstrasse 29, 04523 Pegau (DE). **DEMARCZYK, Norbert** [DE/DE]; Tharandter Strasse 6, 01723 Grumbach (DE).

(74) **BORCHARD, W.**; Samuel-Lampel-Strasse 4, 04357 Leipzig (DE).

(81) AU CA JP KR US.

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

(51)⁷ **B22D 41/34**

(11) **WO 01/72453** (13) A1

(21) PCT/BE01/00051

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 00870058.5 **29 Mar/mar 2000 EP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CLAMPING DEVICE FOR A REFRACTORY-MADE PLATE OF A SLIDING GATE

● DISPOSITIF DE SERRAGE DE PLAQUE REFRACTAIRE D'OBTURATEUR COULISSANT

(71) **VESUVIUS CRUCIBLE COMPANY** [US/US]; Suite 200, 103 Foulk Road, Wilmington, DE 19803 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOISDEQUIN, Vincent** [BE/BE]; 60, rue Haute Folie, B-7062 Naast (BE). **MUTSAARTS, Philippe** [BE/BE]; 119, chemin Vert, B-7034 Obourg (BE).

(74) **DEBLED, Thierry**; Vesuvius Group S.A., Intellectual Property Dept., Rue de Douvrain 17, B-7011 Ghlin (BE).

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

LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

Declarations / Déclarations :

(r) for all designations except / pour toutes les désignations sauf US

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ **B22D 41/50, 11/10**

(11) **WO 01/72454** (13) A1

(21) PCT/EP01/03620

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 100 15 466.2 **29 Mar/mar 2000 DE (29.03.2000)**

(30) Not furnished / **23 Mar/mar 2001 DE non communiqué (23.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD AND DEVICE FOR THE CONTINUOUS CASTING OF ALUMINUM-KILLED STEELS BY MEANS OF A WATER-COOLED PERMANENT MOLD**

• **PROCEDE ET DISPOSITIF DE COULEE CONTINUE D'ACIERS CALMES A L'ALUMINIUM AU MOYEN D'UNE COQUILLE REFROIDIE PAR EAU**

(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) **PLESCHIUTSCHNIGG, Fritz-Peter [DE/DE];** Reiserweg 69, 47269 Duisburg (DE). **FELDHAUS, Stephan [DE/DE];** Goethestrasse 46C, 40237 Düsseldorf (DE). **SCHWENCKE, Eckart [DE/DE];** Am Freistein 100, 40822 Mettmann (DE). **TIAN, Naiyuan [CN/CN];** Xiaoying Ganyangshu Jia 16, 6-3-701, 100101 Chaoyang Beijing (CN). **BINGXI, Yin [CN/CN];** Beitaipingzhuang Madian Yuejiyuan 12-6-101, 100088 Haidian Beijing (CN). **WOSCH, Erwin [DE/DE];** Michaelstrasse 2, 52222 Stolberg (DE).

(74) **VALENTIN, Ekkehard;** Valentin, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(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 TZ UA UG US UZ VN YU ZA ZW.

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

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(51)⁷ **B22F 1/00**

(11) **WO 01/72455** (13) A1

(21) PCT/US01/40245

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 09/535,178 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **SUPERALLOY HVOF POWDERS WITH IMPROVED HIGH TEMPERATURE OXIDATION, CORROSION AND CREEP RESISTANCE**

• **POUDRES DE SUPERALLIAGES HVOF A RESISTANCE AMELIOREE A L'OXYDATION, A LA CORROSION ET AU FLUAGE A HAUTE TEMPERATURE**

(71) **SULZER METCO (US) INC. [US/US];** 1101 Prospect Avenue, Westbury, NY 11590 (US).

(72) **RUSSO, Lysa;** 27 Enfield Lane, Hauppauge, NY 11788 (US). **DORFMAN, Mitchell, R.;** 112 Brookside Drive, Smithtown, NY 11787 (US). **LAPIERRE, Kerry;** 1766 Brentwood Drive, Troy, MI 48098 (US).

(74) **SCHAEFER, Ira, J.;** Chadbourne & Parke LLP, 30 Rockefeller Plaza, New York, NY 10112 (US).

(81) CA JP.

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

(51)⁷ **B22F 3/00, 3/10**

(11) **WO 01/72456** (13) A1

(21) PCT/EP01/03287

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 14 403.9 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR MANUFACTURING METAL PARTS**

• **PROCEDE DE PRODUCTION DE PIECES METALLIQUES**

(71) **ENDRICH, Manfred [DE/DE];** Bergstrasse 13, 97842 Korbach (DE).

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(71, 72) **KOCHANNEK, Wolfgang [DE/DE];** Freiheitsstrasse 57, 67434 Neustadt/Weinstr. (DE).

(74) **ZELLENTIN, Wiger;** Zellentin & Partner GbR, Rubensstrasse 30, 67061 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **B22F 3/02**

(11) **WO 01/72457** (13) A1

(21) PCT/JP01/02358

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000/89015 **28 Mar/mar 2000 JP (28.03.2000)**

(30) 2001/45036 **21 Feb/fév 2001 JP (21.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **LUBRICANT FOR DIE LUBRICATION AND METHOD FOR PRODUCING HIGH DENSITY PRODUCT OF FORMING OF IRON BASE POWDER**

• **LUBRIFIANT POUR LA LUBRIFICATION DE MOULE ET PROCEDE DE PRODUCTION DE PRODUITS A HAUTE DENSITE FORMES A PARTIR DE POUDRE A BASE DE FER**

(71) **KAWASAKI STEEL CORPORATION [JP/JP];** 1-28, Kitahonmachi-dori 1-chome, Chuo-ku, Kobe-shi, Kyogo-ken 651-0075 (JP).

(72) **OZAKI, Yukiko;** Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasaki-cho, Chuo-ku, Chiba-shi, Chiba-ken 260-0835 (JP). **UENOSONO, Satoshi;** Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba-ken 260-0835 (JP). **UNAMI, Shigeru;** Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP).

(74) **OCHIAI, Kenichiro;** Tokyo Head Office, Kawasaki Steel Corporation, Hibiya Kokusai Bldg., 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).

(81) CA KR.

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

(51)⁷ **B23B 27/34, C07H 21/00, C07K 1/113, C08H 1/00, C09D 189/00, G01N 33/68**

(11) **WO 01/72458** (13) A1

(21) PCT/US01/09772

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,640 **27 Mar/mar 2000 US (27.03.2000)**

(30) 60/235,955 **26 Sep/sep 2000 US (26.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **SITE-SPECIFIC, COVALENT BIOCONJUGATION OF PROTEINS**

• **BIOCONJUGAISON COVALENTE, DE RESTRICTION, DE PROTEINES**

(71) **ZYOMYX, INC. [US/US];** 3911 Trust Way, Hayward, CA 94545 (US).

(72) **WAGNER, Peter;** 2211 Village Court, Apt. 7, Belmont, CA 94002 (US). **MA, Lifu;** 20209 Redwood Road, #D, Castro Valley, CA 94546 (US). **NOCK, Steffen;** 3629 Glenwood Avenue, Redwood City, CA 94062 (US). **WILSON, David;** 24702 Broadmore Avenue, Hayward, CA 94544 (US). **SYDOR, Jens;** 713 Catamaran Street #2, Foster City, CA 94404 (US).

(74) **KEZER, William, B. 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ B23K

(11) WO 01/72459 (13) A2

(21) PCT/US01/07644

(22) 9 Mar/mar 2001 (09.03.2001)

(25) en (26) en

(30) 09/535,605 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WRITING INSTRUMENTS
• INSTRUMENTS D'ECRITURE

(71) BEROL CORPORATION [US/US]; 29 E. Stephenson Street, Freeport, IL 61032 (US).

(72) SZCZEPANOWSKI, Andrew; 7 Whiting Avenue, Walpole, MA 02081 (US). DOWST, William, P.; 185 Poor Farm Road, Weare, NH 03281 (US).

(74) ZELLER, James, P.; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ B23K 9/00

(11) WO 01/72460 (13) A1

(21) PCT/US01/08747

(22) 12 Mar/mar 2001 (12.03.2001)

(25) en (26) en

(30) 60/188,782 13 Mar/mar 2000 US (13.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A MODULAR WELDING SYSTEM AND METHOD
• SYSTEME MODULAIRE DE SOUDAGE ET PROCEDE CORRESPONDANT

(71) ARCMATIC INTEGRATED SYSTEMS, INCORPORATED [US/US]; 1667 Marine World Parkway, Vallejo, CA 94589 (US).

(72) BONG, William, L.; 23 Kingston Place, Walnut Creek, CA 95896 (US). BOCK, Charles, A.; 1667 Marine World Parkway, Vallejo, CA 94589 (US).

(74) KERR, Michael, A.; Virtual Legal, P.O. Box 2345, Stateline, NV 89449 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ B23K 9/20

(11) WO 01/72461 (13) A1

(21) PCT/DE01/01137

(22) 23 Mar/mar 2001 (23.03.2001)

(25) de (26) de

(30) 100 15 494.8 29 Mar/mar 2000 DE (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STUD DISCHARGE DEVICE
• DISPOSITIF POUR DECHARGER DES GOUJONS

(71) NELSON BOLZENSCHWEISS-TECHNIK GMBH & CO. KG [DE/DE]; Flurstrasse 7-19, 58285 Gevelsberg (DE).

(72) BUDDE, Karl-Friedrich; Sunderholzer Weg 19, 58285 Gevelsberg (DE).

(74) EDER & SCHIESCHKE; Elisabethstrasse 34, 80796 München (DE).

(81) CZ PL SI.

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

Published / Publiée : (c)

(51)⁷ B23K 10/02

(11) WO 01/72462 (13) A1

(21) PCT/NL01/00256

(22) 28 Mar/mar 2001 (28.03.2001)

(25) nl (26) en

(30) 1014770 28 Mar/mar 2000 NL (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WELDING HEAD, NOZZLE AND METHOD FOR POWDER PLASMA ARC WELDING (PPAW)
• TETE DE SOUDAGE, BUSE ET PROCEDE DE SOUDAGE A L'ARC AU PLASMA PAR POWDRAGE

(71) NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELLIJK 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) VAN DER PLAS, Renzo, Bouwe [NL/NL]; Schaapweg 21, NL-7312 AN Apeldoorn (NL).

(74) PRINS, A., W.; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ B23K 15/00, 35/22

(11) WO 01/72463 (13) A1

(21) PCT/RU00/00486

(22) 27 Nov/nov 2000 (27.11.2000)

(25) ru (26) ru

(30) 2000107614 30 Mar/mar 2000 RU (30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR CATHODE-RAY SURFACING
• PROCÉDÉ DE DÉPÔT PAR FAISCEAU ÉLECTRONIQUE

(71) INSTITUT FIZIKI PROCHNOSTI I MATERIALOVEDENIYA SIBIRSKOGO OTDELENIYA ROSSIJSKOI AKADEMII NAUK [RU/RU]; pr. Akademichesky, 2/1, Tomsk, 634021 (RU). ASSOTSIATSIIYA UCHEBNO-NAUCHNYH ORGANIZATSII "ROSSIJSKY MATERIALOVEDCHESKY TSENTR" [RU/RU]; pr. Akademichesky, 2/1, Tomsk, 634021 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) PANIN, Viktor Evgenievich [RU/RU]; pr. Akademichesky, 11-118, Tomsk, 634055 (RU). BELJUK, Sergei Ivanovich [RU/RU]; pr. Koroleva, 4-145, Tomsk, 634055 (RU). DURAKOV, Vasily Grigorievich [RU/RU]; pr. Akademichesky, 5/1-179, Tomsk, 634055 (RU). KLIMENOV, Vasily Alexandrovich [RU/RU]; ul. Yakovleva, 12-121, Tomsk, 634055 (RU). GALCHENKO, Nina Konstantinovna [RU/RU]; ul. Krasnoarmeiskaya, 135-121, Tomsk, 634034 (RU). SAMARTSEV, Viktor Pavlovich [RU/RU]; ul. Sov. Armii, 29-4, Novokuznetsk, 654038 (RU). PRIBYTKOV, Gennady Andreevich [RU/RU]; pr. Akademichesky, 13-64, Tomsk, 634055 (RU).

(74) BUTENKO, Ljudmila Vasilievna; a/ya 86, Tomsk, 634050 (RU).

(81) CN JP KR UA US.

(84) 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).

(51)⁷ B23K 20/24, 33/00, 20/16, E21B 19/16, 17/042, 17/08

(11) WO 01/72464 (13) A1

(21) PCT/EP01/03641

- (22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 00302576.4 **29 Mar/mar 2000 EP (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD OF JOINING METAL OIL-FIELD TUBULARS AND WELL PROVIDED THEREWITH
• PROCEDE D'ASSEMBLAGE DE MATERIAUX TUBULAIRES METALLIQUES ET Puits PRODUIT A L'AIDE DE CES MATERIAUX
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
(for all designated States except / pour tous les États désignés sauf CA US)
- (71) **SHELL CANADA LIMITED** [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA).
(only for / seulement pour CA)
- (72, 75) **FILIPPOV, Andrei, Gregory** [US/US]; 2606 Hidden Shore Drive, Katy, TX 77450 (US). **OOSTERLING, Peter** [NL/NL]; Volmerlaan 8, NL-2288 GD Rijswijk (NL).
- (81) CA NO US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B23K 26/20, 26/067**
(11) **WO 01/72465** (13) A1
(21) PCT/JP01/02738
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) ja (26) ja
(30) 2000-93599 **30 Mar/mar 2000 JP (30.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • LASER MACHINING APPARATUS
• APPAREIL D'USINAGE LASER
- (71) **mitsubishi HEAVY INDUSTRIES, LTD.** [JP/JP]; 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AKABA, Takashi** [JP/JP]; c/o Kobe Shipyard & Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Wadasaki-cho 1-chome, Hyogo-ku, Kobe-shi, Hyogo 652-8585 (JP). **NAGASHIMA, Tadashi** [JP/JP]; c/o Kobe Shipyard & Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Wadasaki-cho 1-chome, Hyogo-ku, Kobe-shi, Hyogo 652-8585 (JP). **ISHIDE, Takashi** [JP/JP]; c/o Takasago Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shinjima 2-chome, Takasago-shi, Hyogo 676-8686 (JP). **TSUBOTA, Syuhou** [JP/JP]; c/o Takasago Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shinjima 2-chome, Takasago-shi, Hyogo 676-8686 (JP).
- (74) **MITSUISHI, Toshiro** et al. / etc.; Mitsubishi Law and Patent Office, Nihontanpahosokaikan, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **B23K 35/26, 35/14**
(11) **WO 01/72466** (13) A2
(21) PCT/US01/09316
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 09/534,515 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • ANTI-SCAVENGING SOLDER FOR SILVER METALLIZATION AND METHOD
• SOUDURES ANTI-ENTRAINEMENT POUR METALLISATION A L'ARGENT, ET PROCEDE ASSOCIE
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **HUANG, Rong-Fong**; 1969 East Palomino Drive, Tempe, AZ 85284 (US). **SHANG, Jian-Ku**; 2307 Aspen Drive, Champaign, IL 61821 (US). **MIESEM, Ross, A.**; 12513 Crestline Avenue, NE, Albuquerque, NM 87122 (US).
- (74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola Inc., P.O. Box 10219, Scottsdale, AZ 85271-0219 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **B23P 19/00, 19/04, B23Q 7/10, B81C 3/00, G04D 1/00**
(11) **WO 01/72467** (13) A1
(21) PCT/EP01/03642
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) de (26) de
(30) 100 16 017.4 **31 Mar/mar 2000 DE (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR ASSEMBLING CASSETTE-LOADED MICROCOMPONENTS
• PROCEDE POUR MONTER DES MICROCOMPOSANTS MIS EN MAGASIN
- (71) **INSTITUT FÜR MIKROTECHNIK MAINZ GMBH** [DE/DE]; Carl-Zeiss-Strasse 18-20, 55129 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EHRFELD, Wolfgang** [DE/DE]; Kehlweg 22, 55124 Mainz (DE). **BERG, Udo** [DE/DE]; Dr.-Karl-Schramm-Strasse 7, 55129 Mainz (DE).
- (74) **FUCHS, Jürgen, H.** et al. / etc.; Abraham-Lincoln-Strasse 7, 65189 Wiesbaden (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).
Published / Publiée : (c)
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- (51)⁷ **B23Q 1/28, B26D 7/26**
(11) **WO 01/72468** (13) A1
(21) PCT/EP01/01122
(22) **2 Feb/fév 2001 (02.02.2001)**
(25) de (26) de
(30) 100 14 827.1 **24 Mar/mar 2000 DE (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • DEVICE FOR LONGITUDINALLY SEPARATING MATERIAL STRIPS BY MEANS OF LOCKING BRAKES ON THE CUTTER HOLDERS
• DISPOSITIF DE DECOUPE LONGITUDINALE DE BANDES CONTINUES DE MATIERE AU MOYEN DE FREINS D'IMMOBILISATION SUR DES PORTE-LAMES
- (71) **WILHELM BILSTEIN KG SPEZIAL-FABRIK FÜR MASCHINENMESSER UND KOMPRESSORVENTILE** [DE/DE]; Kölner Strasse 27/29, 51491 Overath (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BILSTEIN, Willi** [DE/DE]; Liegnitzerstrasse 6, 51491 Overath (DE). **PICKER, Ingo** [DE/DE]; Wellerscheid 108, 53804 Much (DE).
- (74) **MAXTON & LANGMAACK**; Postfach 51 08 06, 50944 Köln (DE).
- (81) US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **B24B 29/00, 39/06, B24D 7/00, 9/08, 13/14**
(11) **WO 01/72469** (13) A1
(21) PCT/AU01/00321
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) PQ 6523 **27 Mar/mar 2000 AU (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • SURFACE FINISHING PAD
• PATIN DE POLISSAGE
- (71) **MCNAIR, Susan, Gail** [AU/AU]; 21 Shepherd Street, Ridgehaven, S.A. 5097 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **RILEY, James, Francis** [AU/AU]; 21 Shepherd Street, Ridgehaven, S.A. 5097 (AU).
- (74) **A.P.T. PATENT AND TRADE MARK ATTORNEYS**; GPO Box 772, Adelaide, S.A. 5001 (AU).
- (81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **B24B 37/00, H01L 21/00**

(11) **WO 01/72470** (13) A1

(21) PCT/JP01/02526

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 2000-090427 **29 Mar/mar 2000 JP (29.03.2000)**

(30) 2000-234219 **2 Aug/août 2000 JP (02.08.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESS END POINT DETECTION APPARATUS AND METHOD, POLISHING APPARATUS, SEMICONDUCTOR DEVICE MANUFACTURING METHOD, AND RECORDING MEDIUM RECORDED WITH SIGNAL PROCESSING PROGRAM

• APPAREIL ET PROCEDE DE DETECTION DE POINT TERMINAL DE PROCESSUS, APPAREIL DE POLISSAGE, PROCEDE DE FABRICATION DE DISPOSITIF EN SEMICONDUCTEUR ET SUPPORT D'ENREGISTREMENT SUR LEQUEL L'ENREGISTREMENT S'EFFECTUE A L'AIDE D'UN PROGRAMME DE TRAITEMENT DE SIGNAUX

(71) **NIKON CORPORATION** [JP/JP]; 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-1005 (JP).

(72) **ABE, Hiroyuki**; c/o, NIKON CORPORATION, 2-3 Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-1005 (JP). **UEDA, Takehiko**; c/o, NIKON CORPORATION, 2-3 Marunouchi 3-Chome, Chiyoda-ku, Tokyo 100-1005 (JP).

(74) **HOSOE, Toshiaki**; Corpo Fuji 605, 3-6, Nishikanagawa 1-Chome, Kanagawa-ku, Yokohama-Shi, Kanagawa 221-0822 (JP).

(81) CN KR.

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

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(51)⁷ **B24B 37/04**

(11) **WO 01/72471** (13) A1

(21) PCT/JP01/02452

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-92344 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WORK HOLDING PANEL FOR POLISHING, AND DEVICE AND METHOD FOR POLISHING

• PLATEAU PORTE-PIECE POUR POLISSAGE, ET DISPOSITIF ET PROCEDE DE POLISSAGE ASSOCIES

(71) **SHIN-ETSU HANDOTAI CO.,LTD.** [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKAMURA, Kouichi** [JP/JP]; c/o Naoetsu Denshi Co., Ltd., 596-2, Oaza Jyonokoshishinden, Kubiki-mura, Nakakubiki-gun, , Niigata 942-0193 (JP). **TAMAI, Noboru** [JP/JP]; c/o Nagano Denshi Co., Ltd., 1393, Oaza Yashiro, Kosyoku-shi, Nagano 387-8555 (JP). **MORITA, Kouzi** [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). **MASUMURA, Hisashi** [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP).

(74) **YOSHIMIYA, Mikio**; Uenosansei Bldg. 4F, 6-4, Motoasakusa 2-chome, Taito-ku, Tokyo 111-0041 (JP).

(81) KR US.

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

(51)⁷ **B24B 37/04, 41/06**

(11) **WO 01/72472** (13) A2

(21) PCT/US01/07974

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 09/535,575 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CARRIER HEAD WITH MULTI-PART FLEXIBLE MEMBRANE

• TETE SUPPORT A MEMBRANE SOUPLE EN PLUSIEURS PARTIES

(71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450 A, Santa Clara, CA 95052 (US).

(72) **ZUNIGA, Steven, M.**; 351 Los Robles Road, Soquel, CA 95073 (US). **CHEN, Hung, Chih**; 1530 Oyama Place, San Jose, CA 95131 (US). **TSENG, Ming, Kuie**; 2773 Lexford Avenue, San Jose, CA 95124 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US).

(81) JP.

(51)⁷ **B24B 37/04, 41/06**

(11) **WO 01/72473** (13) A2

(21) PCT/US01/08070

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/536,249 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CARRIER HEAD WITH CONTROL-LABLE EDGE PRESSURE

• TÊTE SUPPORT À PRESSION DE CONTOUR MODULABLE

(71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450 A, Santa Clara, CA 95052 (US).

(72) **ZUNIGA, Steven, M.**; 351 Los Robles Road, Soquel, CA 95073 (US). **PRABHU, Gopalakrishna, B.**; 986 Henderson Avenue #2, Sunnyvale, CA 94086 (US). **MEAR, Steven, T.**; 291 Penn Way, Los Gatos, CA 95032 (US).

(74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) JP KR SG.

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

(51)⁷ **B24C 3/26, B65G 35/00**

(11) **WO 01/72474** (13) A1

(21) PCT/EP01/00317

(22) **12 Jan/jan 2001 (12.01.2001)**

(25) de (26) de

(30) 100 15 443.3 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR CONVEYING COMPONENTS IN A REVOLVING MANNER

• DISPOSITIF CONVOYEUR TOURNANT DE COMPOSANTS

(71) **WALTHER TROWAL GMBH & CO. KG** [DE/DE]; Rheinische Strasse 35-37, D-42781 Haan (DE).

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

(72, 75) **HUNZIKER, Werner** [CH/CH]; Praminis, CH-7307 Jenins (CH).

(74) **RIEDER, Hans-Joachim** et al. / etc.; Rieder & Partner, Corneliusstrasse 45, 42329 Wuppertal (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 MY NZ 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B25B 13/12**

(11) **WO 01/72475** (13) A1

(21) PCT/US01/09967

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,817 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A TOOL WITH A TAPERED LINEAR MOVEABLE JAW

• OUTIL A MACHOIRE MOBILE LINEAIRE EN BISEAU

(71, 72) **OLSEN, O., David** [US/US]; 4132 Rainbow Avenue, Las Vegas, NV 89103 (US).

(74) **CONNORS, John, J.**; 1600 Dove Street #220, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B25B 13/50, 21/00, E21B 19/16**

(11) **WO 01/72476** (13) A2

(21) PCT/IB01/00507

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 2000/1647 **31 Mar/mar 2000 ZA
(31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A WRENCH FOR USE WITH
DRILLING APPARATUS

● CLE DE SERRAGE POUR FOREUSE

(71, 72) **GOUWS, Petrus, Christiaan** [ZA/ZA];
13 Heidesig, 3900 Richards Bay (ZA).

(74) **ROTTEVEEL, Martin**; Adams & Adams,
Private Bag 16, Adams & Adams Place, 16
Cranbrook Crescent, La Lucia Ridge Office
Park, 4320 Umhlanga (ZA).

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

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

(51)⁷ **B25F**

(11) **WO 01/72477** (13) A2

(21) PCT/US01/09795

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,866 **29 Mar/mar 2000 US
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SPRING LOADED DRIVE GUN

● PISTOLET D'ENTRAINEMENT A RES-
SORT

(71) **TEXTRON INC.** [US/US]; 40 Westminster
Street, Providence, RI 02903 (US).

(72) **JANUSZ, Michael**; 38W301 Kristin Drive,
Elgin, IL 60123 (US). **GOSS, David, C.**;
1317 Harlem Boulevard, Rockford, IL 61103
(US).

(74) **GIANGIORGI, Richard, A.** et al. / etc.;
Trexler, Bushnell, Giangiorgi, Blackstone &
Marr, Ltd., 105 West Adams Street, Suite
3600, Chicago, IL 60603 (US).

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

LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ **B25J 9/16, 13/00, 13/08, G06F 3/14**

(11) **WO 01/72478** (13) A1

(21) PCT/JP01/02867

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) ja (26) ja

(30) 2000-101364 **31 Mar/mar 2000 JP
(31.03.2000)**

(30) 2000-280871 **14 Sep/sep 2000 JP
(14.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ROBOT DEVICE, ROBOT DEVICE AC-
TION CONTROL METHOD, EXTER-
NAL FORCE DETECTING DEVICE
AND EXTERNAL FORCE DETECTING
METHOD

● DISPOSITIF ROBOTIQUE, PROCEDE
DE COMMANDE DE L'ACTION DU
DISPOSITIF ROBOTIQUE, DISPO-
SITIF DE DETECTION DE FORCE
EXTERIEURE, ET PROCEDE DE DE-
TECTION DE FORCE EXTERIEURE

(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) **FUJITA, Masahiro** [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP). **TAKAGI, Tsuyoshi** [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP). **HASEGAWA, Rika** [JP/JP]; c/o SONY
CORPORATION, 7-35, Kitashinagawa
6-chome, Shinagawa-ku, Tokyo 141-0001
(JP). **HANAGATA, Osamu** [JP/JP]; c/o
SONY CORPORATION, 7-35, Kitashina-
gawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP). **YOKONO, Jun** [JP/JP];
c/o SONY CORPORATION, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP). **COSTA, Gabriel** [ES/JP];
c/o SONY CORPORATION, 7-35, Ki-
tashinagawa 6-chome, Shinagawa-ku, Tokyo
141-0001 (JP). **SHIMOMURA, Hideki**
[JP/JP]; c/o SONY CORPORATION, 7-35,
Kitashinagawa 6-chome, Shinagawa-ku,
Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori
Bldg., 6-4, Toranomon 2-chome, Minato-ku,
Tokyo 105-0001 (JP).

(81) CN KR US.

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

(51)⁷ **B25J 15/08, F15B 15/18**

(11) **WO 01/72479** (13) A1

(21) PCT/JP01/01660

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) ja (26) ja

(30) 2000-89581 **28 Mar/mar 2000 JP
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PUMP-INTEGRATED FLEXIBLE AC-
TUATOR

● ACTIONNEUR FLEXIBLE INTEGRE A
UNE POMPE

(71) **SEIKO EPSON CORPORATION** [JP/JP];
4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku,
Tokyo 163-0811 (JP).

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

(72, 75) **SETO, Takeshi** [JP/JP]; c/o SEIKO EP-
SON CORPORATION, 3-5, Owa 3-Chome,
Suwa-shi, Nagano 392-8502 (JP). **TAKAGI,
Kunihiko** [JP/JP]; c/o SEIKO EPSON COR-
PORATION, 3-5, Owa 3-Chome, Suwa-shi,
Nagano 392-8502 (JP).

(74) **KAMIYANAGI, Masataka** et al. / etc.; c/o
Intellectual Property Department, SEIKO EP-
SON CORPORATION, 3-5, Owa 3-Chome,
Suwa-Shi, Nagano 392-8502 (JP).

(81) CN JP US.

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

(51)⁷ **B26B 13/06**

(11) **WO 01/72480** (13) A1

(21) PCT/JP00/01981

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SCISSORS

● CISEAUX

(71) **ADACHI KOGYO, INC.** [JP/JP]; 489-1 Hi-
romi, Seki-shi, Gifu 501-3263 (JP).

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

(72, 75) **ADACHI, Hidemi** [JP/JP]; 489-1 Hi-
romi, Seki-shi, Gifu 501-3263 (JP).

(74) **HIROE, Takenori**; 631-7 Masaki-Kurifune,
Gifu-shi, Gifu 502-0857 (JP).

(81) CH KR US.

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

(51)⁷ **B26B 23/00**

(11) **WO 01/72481** (13) A1

(21) PCT/FI00/00268

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) fi (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● KNIFE, HATCHEI AND HAMMER
COMBINATION TOOL

● OUTIL COUTEAU ET MARTEAU
COMBINES

(71) **HIRVONEN, Heikki, Sakari** (legal repre-
sentative of the deceased inventor / représen-
tant légal de l'inventeur décédé) [FI/FI]; Atan-
väylä 7 G 54, FIN-33580 Tampere (FI).
(only for / seulement pour US)

- (71, 72) **HIRVONEN, Heikki, Sakari** [FI/FI]; Atanvayla 7 G 54, FIN-33580 Tampere (FI).
- (72) **HIRVONEN, Asko, Kalervo** (deceased / decede).
- (81) AT AU BA BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HR HU ID IL IN IS JP KE KP KR KZ LK LT LU LV MK MX NO NZ PL PT RO RU SE SG SI SK TR UA US VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **B26D 7/06, 3/16**

- (11) **WO 01/72482** (13) A1
(21) PCT/IT01/00142
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) FI00A000076 **28 Mar/mar 2000 IT (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEVERING MACHINE FOR ELONGATED ROLLS OF WEBLIKE MATERIAL HAVING MULTIPLE CUTTING BLADES

• MACHINE DE DECOUPAGE DE ROULEAUX OBLONGS EN MATERIAU DE TYPE BANDE POSSEDANT PLUSIEURS LAMES TRANCHANTES

(71) **FABIO PERINI S.P.A.** [IT/IT]; Via per Mugnano,, I-55100 Lucca (IT).
(for all designated States except / pour tous les Etats designes sauf US)

(72, 75) **BETTI, Giulio** [IT/IT]; Via di Piaggia, 8, Vorno, I-55060 Capannori (IT). **BENVENUTI, Angelo** [IT/IT]; Via del Chiasso, 327, I-55100 Lucca (IT). **CHIOCCHETTI, Mario, Gioni** [IT/IT]; Via di Tiglio, 612, Pieve di Compito, I-55065 Capannori, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publie : (c)

(51)⁷ **B26D 7/06, 7/32**

- (11) **WO 01/72483** (13) A1
(21) PCT/IT01/00144
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) FI2000A000077 **28 Mar/mar 2000 IT (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEVERING MACHINE FOR ARTICLES OF WEBLIKE MATERIAL AND THE LIKE HAVING MULTIPLE BLADES

WITH UNLOADING INTO PARALLEL CHANNELS

• MACHINE SERVANT A SECTIONNER DES ARTICLES SOUS FORME DE BANDE ET POSSEDANT DES LAMES MULTIPLES AVEC DECHARGEMENT DANS DES CANAUX PARALLELES

(71) **FABIO PERINI S.P.A.** [IT/IT]; Via per Mugnano,, I-55100 Lucca (IT).
(for all designated States except / pour tous les Etats designes sauf US)

(72, 75) **BETTI, Giulio** [IT/IT]; Via di Piaggia, 8, Vorno, I-55060 Capannori (IT). **BENVENUTI, Angelo** [IT/IT]; Via del Chiasso, 327, I-55100 Lucca (IT). **CHIOCCHETTI, Mario, Gioni** [IT/IT]; Via di Tiglio, 612, Pieve di Compito, I-55065 Capannori (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publie : (c)

(51)⁷ **B26D 7/22, 7/12**

- (11) **WO 01/72484** (13) A1
(21) PCT/IT01/00143
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) FI2000A000078 **28 Mar/mar 2000 IT (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEVERING MACHINE FOR ARTICLES OF WEBLIKE MATERIAL HAVING A SHARPENING ZONE FOR THE BLADES SEPARATE FROM THE CUTTING ZONE

• MACHINE DE DECOUPAGE DESTINEE A DES ARTICLES DE MATERIAUX DU TYPE EN BANDE EQUIPEE D'UNE ZONE D'AFFUTAGE DES LAMES LAQUELLE EST SEPAREE DE LA ZONE DE DECOUPAGE

(71) **FABIO PERINI S.P.A.** [IT/IT]; Via per Mugnano, I-55100 Lucca (IT).
(for all designated States except / pour tous les Etats designes sauf US)

(72, 75) **BETTI, Giulio** [IT/IT]; Via di Piaggia, 8, Vorno, I-55060 Capannori (IT). **BENVENUTI, Angelo** [IT/IT]; Via del Chiasso, 327, I-55100 Lucca (IT). **CHIOCCHETTI, Mario, Gioni** [IT/IT]; Via di Tiglio, 612, Pieve di Compito, I-55065 Capannori (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publie : (c)

(51)⁷ **B26F 1/26**

- (11) **WO 01/72485** (13) A1
(21) PCT/NL01/00243
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 1014769 **28 Mar/mar 2000 NL (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)

(54) • METAL PERFORATING STENCIL, METHOD FOR ITS PRODUCTION AND USE OF THE PERFORATING STENCIL

• POCHOIR PERFORANT LE METAL, PROCEDE DE PRODUCTION ET UTILISATION DE CE POCHOIR

(71) **STORK SCREENS B.V.** [NL/NL]; Raamstraat 3, NL-5831 AT Boxmeer (NL).
(for all designated States except / pour tous les Etats designes sauf US)

(72, 75) **LEERKAMP, Peter** [NL/NL]; Braamsluiper 1, NL-5831 PW Boxmeer (NL). **JECKMANS, Cornelis, Johannes** [NL/NL]; Carmelietenstraat Oost 3A, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **B27B 9/00, B23D 49/11, B27B 21/08, B26B 29/06**

- (11) **WO 01/72486** (13) A1
(21) PCT/IB00/02039
(22) **21 Dec/dec 2000 (21.12.2000)**
(25) it (26) en
(30) TO2000U000049 **28 Mar/mar 2000 IT (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)

(54) • PORTABLE CUTTING DEVICE WITH A HEIGHT ADJUSTABLE CUTTING TOOL FOR MAKING CUTS PARALLEL TO A REFERENCE PLANE

- DISPOSITIF DE COUPE PORTATIF DOTE D'UN OUTIL DE COUPE A HAUTEUR REGLABLE POUR EFFECTEUR DES COUPES PARALLELEMENT A UN PLAN DE REFERENCE
- (71) **GOMMAPLASTICA DI GIORDANA R. & C. S.N.C.** [IT/IT]; Via Modena, 21, I-10152 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIORDANA, Giorgio** [IT/IT]; Via Strasburgo, 8, I-10017 Montanaro (IT).
- (74) **APRA', Mario**; Via Bertola, 2, I-10121 Torino (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B27N 5/00**
- (11) **WO 01/72487** (13) A1
- (21) PCT/US01/09627
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,561 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ENGINEERED WOOD AND METHODS THEREFOR
- BOIS HAUTE TECHNOLOGIE ET PROCÉDES CORRESPONDANTS
- (71) **SAI AUTOMOTIVE USA-SAL, INC. doing business as FAURECIA INTERIOR SYSTEMS** [US/US]; Suite 343, 34405 West Twelve Mile Road, Farmington Hills, MI 48331 (US).
- (72) **SPICA, Joseph**; 41316 Carriage Hill Drive, Novi, MI 48375 (US).
- (74) **DOHERTY, Michael, J.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **B28B 3/02**
- (11) **WO 01/72488** (13) A1
- (21) PCT/JP01/02458
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-89005 **28 Mar/mar 2000 JP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • NOZZLE FOR EXTRUSION MOLDING MACHINE, AND MACHINE AND METHOD FOR EXTRUSION MOLDING
- BUSE POUR MACHINE DE MOULAGE PAR EXTRUSION, ET MACHINE ET PROCÉDE DE MOULAGE PAR EXTRUSION
- (71, 72) **KAWAKAMI, Isamu** [JP/JP]; 533-4, Arifukuonsen-cho, Goutsu-shi, Shimane 695-0156 (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 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **B28B 11/04, B05C 19/00, B05D 1/00, B28B 13/02**
- (11) **WO 01/72489** (13) A2
- (21) PCT/IB01/00505
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) it (26) en
- (30) MO2000A000063 **30 Mar/mar 2000 IT (30.03.2000)**
- (30) MO2000A000064 **30 Mar/mar 2000 IT (30.03.2000)**
- (30) MO2000A000080 **21 Apr/avr 2000 IT (21.04.2000)**
- (30) MO2000A000081 **21 Apr/avr 2000 IT (21.04.2000)**
- (30) MO2000A000082 **21 Apr/avr 2000 IT (21.04.2000)**
- (30) MO2000A000092 **5 May/mai 2000 IT (05.05.2000)**
- (30) MO2000A000117 **31 May/mai 2000 IT (31.05.2000)**
- (30) MO2000A000258 **29 Nov/nov 2000 IT (29.11.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • OBJECT DECORATION
- DECORATION D'OBJETS
- (71) **ALGERI, Maris** [IT/IT]; Via Radici in Monte, 175, I-42014 Roteglia di Castellarano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **CAMORANI, Carlo, Antonio** [IT/IT]; Via Radici in Monte, 175, I-42014 Roteglia di Castellarano (IT).
- (74) **LUPPI, Luigi**; Luppi & Crugnola S.r.l., Viale Corassori, 54, I-41100 Modena (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement
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- (51)⁷ **B28C 1/00, B28B 17/02, 3/20, 15/00**
- (11) **WO 01/72490** (13) A1
- (21) PCT/IN00/00035
- (22) **29 Mar/mar 2000 (29.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PROCESS AND SYSTEM FOR VITRIFIED EXTRUDED CERAMIC TILES AND PROFILES
- PROCÉDE ET SYSTÈME POUR CARREAUX VITRIFIÉS EN CERAMIQUE EXTRUDEE DE PROFILS DIVERS
- (71, 72) **VENKATESHA, Rudrapatnakeshavamurthy** [IN/IN]; Boss Profiles Limited, 14/A, A-Block, 3rd floor, "Aarai Complex", Anna Nagar East, Chennai 600102 (IN). **GHOSH, Snehasish** [IN/IN]; Boss Profiles Limited, 14/4, A-Block, 3rd floor, "Aarai Complex", Anna Nagar East, Chennai 600102 (IN). **UMAPATHY RAO, Kasturi** [IN/IN]; Boss Profiles Limited, 14/4, A-Block, 3rd floor, "Aarai Complex", Anna Nagar East, Chennai 600102 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B29B 7/76, B29C 67/24**
- (11) **WO 01/72491** (13) A1
- (21) PCT/EP01/02671
- (22) **9 Mar/mar 2001 (09.03.2001)**
- (25) de (26) de
- (30) 100 14 972.3 **25 Mar/mar 2000 DE (25.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEFLECTOR MIXER HEAD FOR A REACTION MOULDING MACHINE

- TETE DE MELANGE DEFLECTRICE DESTINEE A UNE MACHINE POUR MOULAGE PAR REACTION
- (71) **KRAUSS-MAFFEI KUNSTSTOFFTECHNIK GMBH** [DE/DE]; Krauss-Maffei Strasse 2, 80997 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EHRLICHER, Stefan** [DE/DE]; Herbert Schober Strasse 21, 80997 München (DE).
- (81) AU CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ **B29B 15/14, D06M 15/70, D07B 1/06, B29C 70/04 // B29K 21:00, B29L 29:00, 30:00**
- (11) **WO 01/72492** (13) A1
- (21) PCT/JP01/01907
- (22) **12 Mar/mar 2001 (12.03.2001)**
- (25) ja (26) ja
- (30) 2000-85793 **27 Mar/mar 2000 JP (27.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- METHOD AND DEVICE FOR PRODUCING ELASTOMER/STEEL WIRE COMPOSITES
 - PROCEDE ET DISPOSITIF PERMETTANT DE FABRIQUER DES COMPOSITES ELASTOMERE/FIL D'ACIER
- (71) **THE YOKOHAMA RUBBER CO.,LTD.** [JP/JP]; 36-11, Shimbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IMAMIYA, Susumu** [JP/JP]; C/O The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2-1, Oiwake, Hiratsuka-shi, Kanagawa 254-0047 (JP).
- (74) **OGAWA, Shin-ichi** et al. / etc.; Ogawa, Noguchi & Saika International Patent Office, Akiyama Building, 22-13, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) KR US.
- (84) EP (DE FR IT).

- (51)⁷ **B29C 35/02**
- (11) **WO 01/72493** (13) A1
- (21) PCT/FI01/00298
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 20000724 **29 Mar/mar 2000 FI (29.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- METHOD AND EQUIPMENT IN A CABLE VULCANIZATION PROCESS
 - PROCESSUS ET MATERIEL UTILES DANS UN PROCEDE DE VULCANISATION D'UN CABLE
- (71) **NEXTROM HOLDING S.A.** [CH/CH]; Route du Bois 37, CH-1024 Ecublens (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARLIN, Ali** [FI/FI]; Kärppärinne 1, FIN-01450 Vantaa (FI).

- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. BOX 148, FIN-00121 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 EE ES FI FR GB GR IE IT LU MC NL PT SE TR SG SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁷ **B29C 39/10 // B29K 219:00**
- (11) **WO 01/72494** (13) A1
- (21) PCT/AU01/00344
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) PQ 6517 **28 Mar/mar 2000 AU (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- COMPOSITE STRUCTURAL ELEMENT
 - ELEMENT STRUCTUREL COMPOSITE
- (71, 72) **ROBERTS, Paul** [NZ/AU]; 78 Mountain Street, Mt Gravatt, QLD 4122 (AU).
- (74) **AHEARN FOX**; Patent & Trade Mark Attorneys, GPO Box 1149, Brisbane, QLD 4001 (AU).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI FR GB GR IE IT LU MC NL PT SE TR 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **B29C 45/14**
- (11) **WO 01/72495** (13) A1
- (21) PCT/EP01/03261
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) de (26) de
- (30) 100 14 332.6 **24 Mar/mar 2000 DE (24.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- COMPOSITE STRUCTURAL ELEMENT AND METHOD FOR PRODUCING THE SAME
 - ELEMENT DE CONSTRUCTION COMPOSITE ET SON PROCEDE DE PRODUCTION

- (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHNELL, Stephan** [DE/DE]; Rudolf-Heilgers-Strasse 74, 67549 Worms (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 EE ES FI FR GB GR IE IT LU MC NL PT SE TR 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **B29C 45/66**
- (11) **WO 01/72496** (13) A1
- (21) PCT/EP01/03575
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) de (26) de
- (30) 100 15 548.0 **30 Mar/mar 2000 US (30.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- DRIVE FOR AN INJECTION MOULDING MACHINE, IN PARTICULAR FOR THE CLOSING UNIT ON AN INJECTION MOULDING MACHINE
 - COMMANDE POUR MACHINE DE MOULAGE PAR INJECTION, NOTAMMENT POUR L'UNITE DE FERMETURE D'UNE MACHINE DE MOULAGE PAR INJECTION
- (71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3-5, 97816 Lohr am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DANTLGRABER, Jörg** [AT/DE]; Dr.-Hönlein-Strasse 14, 97816 Lohr am Main (DE).
- (74) **MANNESMANN REXROTH AG**; Jahnstrasse 3-5, 97816 Lohr am Main (DE).

- (81) CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ **B29C 47/20**
- (11) **WO 01/72497** (13) A1
- (21) PCT/FI01/00294
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 20000711 **28 Mar/mar 2000 FI (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- ARRANGEMENT IN CONNECTION WITH CLAMPING TOOLS

- DISPOSITIF RELATIF A DES OUTILS PREHENSEURS
- (71) **NEXTROM HOLDING S.A.** [CH/CH]; Route du Bois 37, CH-1024 Ecublens (CH). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **HARLIN, Ali** [FI/FI]; Kärppärinne 1, FIN-01450 Vantaa (FI). **PENNALA, Jyrki** [FI/FI]; Liekotie 6 A, FIN-01300 Vantaa (FI). **HUOTARI, Pekka** [FI/FI]; Kumpulahdentie 265, FIN-79140 Kotalahhti (FI).
- (74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. BOX 148, FIN-00121 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 EE ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **B29C 47/28, 47/90 // 69/02, 47/06**
- (11) **WO 01/72498** (13) A1
- (21) PCT/CH01/00194
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) fr (26) fr
- (30) 0003935 **29 Mar/mar 2000 FR (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MATERIAL DISPENSER IN AN EXTRUSION HEAD AND EXTRUSION HEAD USING SAME
- DISTRIBUTEUR DE MATIERE DANS UNE TETE D'EXTRUSION ET TETE D'EXTRUSION UTILISANT CE DISTRIBUTEUR
- (71, 72) **SCHILLACI, Joseph** [CH/CH]; Le Moulinet, CH-1405 Pomy (CH).
- (72, 75) **ROBERT, Roger** [CH/CH]; Route d'Echallens 16, CH-1055 Froideville (CH).
- (74) **NITHARDT, Roland**; Cabinet Roland Nithardt, Y-Parc, Rue Galilée 9, CH-1400 Yverdon-les-Bains (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 EE ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 47/90, 47/92, 55/26**
- (11) **WO 01/72499** (13) A1
- (21) PCT/FR01/00731
- (22) **12 Mar/mar 2001 (12.03.2001)**
- (25) fr (26) fr
- (30) 00/03931 **29 Mar/mar 2000 FR (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND CONTINUOUS PRODUCTION LINE OF PLASTIC TUBES WITH BI-AXIAL DRAWING, AND RESULTING PLASTIC TUBE
- PROCEDE ET LIGNE DE FABRICATION EN CONTINU DE TUBES EN MATIERE PLASTIQUE AVEC ETIRAGE BI-AXIAL, ET TUBE EN MATIERE PLASTIQUE OBTENU
- (71) **ALPHACAN** [FR/FR]; 12/18, avenue de la Jonchère Elysée 2, F-78170 La Celle Saint Cloud (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PREVOTAT, Bernard** [FR/FR]; 30, boulevard Exelmans, F-78150 Le Chesnay (FR). **DUVAL, Guillaume** [FR/FR]; 7, avenue Marceau, F-58000 Nevers (FR).
- (74) **MICHARDIERE, Bernard**; Cabinet Michardière, 7 ter, boulevard Henri Ruel, F-94120 Fontenay sous Bois (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 EE ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **B29C 51/22, 51/42, 71/00 // B29K 67:00**
- (11) **WO 01/72500** (13) A1
- (21) PCT/US00/23654
- (22) **29 Aug/août 2000 (29.08.2000)**
- (25) en (26) en
- (30) 09/535,953 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CONTINUOUS ROTARY THERMOFORMER
- MACHINE DE THERMOFORMAGE ROTATIVE CONTINUE
- (71) **APEX RESEARCH LTD. INC.** [US/US]; 900 South U.S. Highway 1, Jupiter, FL 33477 (US).
- (72) **DALGEWICZ, Edward, J., III**; 9 Hickory Ridge, Fletcher, NC 28732 (US). **BOND, John** (deceased / décédé).
- (74) **RIVARD, Paul, M.** et al. / etc.; 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 BY BZ CA CH CN CO CR CU CZ DE DK DM
- DZ EE ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- DZ EE ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **B29C 67:00**
- (11) **WO 01/72501** (13) A1
- (21) PCT/DE01/01185
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) de (26) de
- (30) 100 15 408.5 **28 Mar/mar 2000 DE (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND DEVICE FOR PRODUCING COMPONENTS FROM LIGHT-CURABLE MATERIALS
- PROCEDE ET DISPOSITIF DE PRODUCTION DE COMPOSANTS REALISES DANS DES MATERIAUX DURCISSABLES A LA LUMIERE
- (71) **FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V.** [DE/DE]; Leonrodstrasse 54, 80636 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FRICKE, Holger** [DE/DE]; Holsteinerstrasse 115, 28219 Bremen (DE). **LÖFFLER, Holger** [DE/DE]; Buntentorsteinweg 92, 28201 Bremen (DE).
- (74) **TEGEL, Letizia**; Effnerstrasse 44-46, 81925 München (DE).
- (81) CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- Published / Publiée : (c)
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- (51)⁷ **B29C 67/00, B22F 3/00**
- (11) **WO 01/72502** (13) A1
- (21) PCT/EP00/02645
- (22) **24 Mar/mar 2000 (24.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR MANUFACTURING A STRUCTURAL PART BY A MULTI-LAYER DEPOSITION TECHNIQUE
- PROCEDE DE FABRICATION D'UN COMPOSANT DE CONSTRUCTION SUIVANT UNE TECHNIQUE DE DEPOSITION MULTICOUCHE
- (71) **GENERIS GMBH** [DE/DE]; Am Mittleren Moos 15, D-86167 Augsburg (DE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **EDERER, Ingo** [DE/DE]; Greifenberger Strasse 6, D-86926 Pflaumdorf

(DE). **HÖCHSMANN, Rainer** [DE/DE]; Schlossstrasse 16, D-86682 Genderkingen (DE).

(74) **VIERING, JENTSCHURA & PARTNER**; Steinsdorfstr. 6, D-80538 München (DE).

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

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

(51)⁷ **B29C 73/02, B32B 17/10**

(11) **WO 01/72503** (13) A2

(21) PCT/CA01/00392

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/536,675 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WINDSHIELD REPAIR APPARATUS

• APPAREIL DE REPARATION DE PARE-BRISE

(71) **TCG INTERNATIONAL INC.** [CA/CA]; 28th floor, 4710 Kingsway, Burnaby, British Columbia V5H 4M2 (CA).

(72) **THOMAS, Jonathan, P.**; 301 Ramey Road, P.O. Box 55, Maple Lake, MN 55358 (US). **BEVERIDGE, Keith, A.**; 5312 Glen-gary Parkway, Edina, MN 55436 (US). **PETERSEN, Paul, S.**; 3523 Arbor Lane, Minnetonka, MN 55305 (US). **BICKFORD, Jay, L.**; 4012 134th Circle, Savage, MN 55378 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **B29C 73/16**

(11) **WO 01/72504** (13) A1

(21) PCT/EP01/02564

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 100 15 166.3 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEALING DEVICE

• DISPOSITIF D'ETANCHEIFICATION

(71) **DUNLOP GMBH** [DE/DE]; Dunlopstrasse 2, 63450 Hanau (DE).

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

(72, 75) **ECKHARDT, Arnold** [DE/DE]; Heinrichspflorte 4c, 63691 Randstadt (DE).

(74) **MANITZ, FINSTERWALD & PARTNER GBR**; Postfach 22 16 11, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **B29C 73/30**

(11) **WO 01/72505** (13) A1

(21) PCT/EP01/03616

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 100 16 165.0 **31 Mar/mar 2000 DE (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR VULCANIZING SHAPED BODIES FROM RUBBER MIXTURES

• PROCEDE ET DISPOSITIF DE VULCANISATION DE CORPS FORMES, CONSTITUES DE MELANGES DE CA-OUTCHOUC

(71) **STAHLGRUBER OTTO GRUBER GMBH & CO. KG** [DE/DE]; Einsteinstr. 130, 81675 München (DE).

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

(72, 75) **SCHEUNGRABER, Patrick** [DE/DE]; Hiasl-Maier-Weg 13, 85586 Poing (DE).

(74) **SIEGFRIED, J.** et al. / etc.; Beetz & Partner, Steinsdorfstrasse 10, 80538 München (DE).

(81) BR CA CZ HU MX PL US ZA.

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

Published / Publiée : (c)

(51)⁷ **B32B 1/08, F16L 11/02**

(11) **WO 01/72506** (13) A1

(21) PCT/US00/07928

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FIRE AND HEAT PROTECTION WRAP FOR STRUCTURAL STEEL COLUMNS, BEAMS AND OPEN WEB JOISTS

• ENVELOPPE DE PROTECTION CONTRE LE FEU ET LA CHALEUR POUR COLONNES STRUCTURALES EN ACIER, POUTRES ET POUTRELLES D'AME DE CONCEPTION OUVERTE

(71) **NO FIRE TECHNOLOGIES, INC.** [US/US]; 21 Industrial Avenue, Upper Saddle River, NJ 07458 (US).

(72) **GOTTFRIED, Samuel**; 3225 Johnson Avenue, Riverdale, NY 10463 (US).

(74) **SUTTON, Ezra**; Plaza 9, 900 Route 9, Woodbridge, NJ 07095 (US).

(81) AU BR CA CN DE ES GB GE ID IL IN JP KR MX NO NZ RU SG TR UA.

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

(51)⁷ **B32B 3/00**

(11) **WO 01/72507** (13) A1

(21) PCT/US01/10062

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,898 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/627,631 **28 Jul/juil 2000 US (28.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CO-CONTINUOUS INTERCONNECTING CHANNEL MORPHOLOGY POLYMER HAVING MODIFIED SURFACE PROPERTIES

• POLYMERES AYANT UNE MORPHOLOGIE A CANAUX D'INTERCONNEXION CO-CONTINUS ET AUX PROPRIETES DE SURFACE MODIFIEES

(71) **CAPITOL SPECIALTY PLASTICS, INC.** [US/US]; 2039 McMillan Street, Auburn, AL 36832 (US).

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

(72, 75) **HEKAL, Ihab, M.** [US/US]; 230 Round Hill Road, Greenwich, CT 06831 (US).

(74) **DANYKO, Richard, J.**; Dreier & Baritz LLP, 499 Park Avenue, New York, NY 10022 (US).

(81) AU BR CA CN JP KR MX US.

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

(51)⁷ **B32B 7/02, 15/01, H01M 2/20**

(11) **WO 01/72508** (13) A1

(21) PCT/AU01/00345

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) PQ 6537 **28 Mar/mar 2000 AU (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SURFACE TREATED ELECTRICALLY CONDUCTIVE METAL ELEMENT AND METHOD OF FORMING SAME

• PIECE METALLIQUE ELECTRIQUEMENT CONDUCTRICE TRAITEE EN SURFACE ET PROCEDE DE PRODUCTION DE CELLE-CI

(71) **CERAMIC FUEL CELLS LIMITED** [AU/AU]; 170 Browns Road, Noble Park, VIC 3174 (AU).

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

(72, 75) **ZHENG, Xiao, Guang** [CN/AU]; 9 Blue Hills Avenue, Mount Waverley, VIC 3149 (AU).

(74) **HUNTSMAN, Peter, Harold** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).

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

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

(51)⁷ **B32B 17/10, C03C 27/12**

(11) **WO 01/72509** (13) A2

(21) PCT/US01/10022

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/193,038 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTERLAYERS FOR LAMINATED SAFETY GLASS WITH SUPERIOR DE-AIRING AND LAMINATING PROPERTIES AND PROCESS FOR MAKING THE SAME

• COUCHES DE LIAISON INTER-COUCHE POUR VITRAGE DE SECURITE A PROPRIETES DE STRATIFICATION ET DE DESAERAGE ELEVEES, ET LEUR PROCEDE DE FABRICATION

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WONG, Bert, C.** [US/US]; 405 Bohl Drive, Marietta, OH 45750 (US).

(74) **DOBSON, Kevin, S.**; E.I. Dupont De Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AU CA JP MX US.

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

(51)⁷ **B32B 17/10, C03C 27/12**

(11) **WO 01/72510** (13) A2

(21) PCT/US01/10023

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/193,039 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GLASS/POLYVINYL BUTYRAL LAMINATES HAVING DIRECTIONAL SURFACE PATTERNS AND A PROCESS FOR PREPARING SAME

• STRATIFIES DE POLYVINYL BUTYRAL/VERRE POSSEDANT DES MOTIFS A SURFACE DIRECTIONNELLE ET LEUR PROCEDE DE PREPARATION

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

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

(72, 75) **CHOI, Chul, Won** [KR/KR]; #1020, Young Dan Ri, Ung Sang Up, Yang San, Kyung Nam, Ulsan (KR). **LEE, Sang, Gyu** [KR/KR]; Apartment #2414-803, Iishin-Geonyoung, Haetbit-Maeul, #958 Haengshin 1-Dong, Keokyang-Ku, Goyang-Si, Kyungki-Do, Seoul (KR).

(74) **DOBSON, Kevin, S.**; E.I. DuPont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AU CA JP MX US.

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

(51)⁷ **B32B 27/00**

(11) **WO 01/72511** (13) A2

(21) PCT/JP01/02027

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 2000/88121 **28 Mar/mar 2000 JP (28.03.2000)**

(30) 2000/357098 **24 Nov/nov 2000 JP (24.11.2000)**

(30) 2001/43444 **21 Feb/fév 2001 JP (21.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LONG GLASS FIBER FILLER REINFORCED RESIN MATERIAL FOR MOLDING, INJECTION-MOLDED ARTICLE MOLDED BY INJECTION-MOLDING THE RESIN MATERIAL, AND METHOD FOR MOLDING THE RESIN MATERIAL

• MATERIAU A BASE DE RESINE DESTINE AU MOULAGE, RENFORCE PAR UNE CHARGE DE FIBRE DE VERRE LONGUE, ARTICLE MOULE PAR INJECTION A PARTIR DU MATERIAU A BASE DE RESINE, ET PROCEDE DE MOULAGE DE CE MATERIAU

(71) **MAZDA MOTOR CORPORATION** [JP/JP]; 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP).

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

(72, 75) **TOCHIOKA, Takahiro** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP). **TO, Kazuhisa** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP). **MORIWAKI, Kenji** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchu, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg., 4-8, Usubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN KR US.

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

(51)⁷ **B32B 27/08, 31/20, B44C 5/04**

(11) **WO 01/72512** (13) A1

(21) PCT/SE01/00651

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) sv (26) en

(30) 0001084-3 **28 Mar/mar 2000 SE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FLOORING LAMINATE AND A PROCESS FOR THE PRODUCTION THEREOF

• LAMELLÉ DE REVÊTEMENT DE PLANCHER ET PROCÉDÉ DE PRODUCTION ASSOCIÉ

(71) **PERSTORP LAMINATPRODUKTION AB** [SE/SE]; S-284 80 Perstorp (SE).

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

(72, 75) **SJÖLIN, Hans** [SE/SE]; Klockarevägen 5, S-284 33 Perstorp (SE). **LINDGREN, Kent** [SE/SE]; Alvågen 41, S-284 32 Perstorp (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 BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B32B 27/18**

(11) **WO 01/72513** (13) A1

(21) PCT/US01/09680

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/192,057 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PLASTIC SHEET PRODUCT OFFERING MATTE APPEARANCE AND METHOD OF PREPARATION

• FEUILLE PLASTIQUE PRESENTANT UNE APPARENCE MATE ET PROCEDE DE PREPARATION

(63) US 60/192,057 (CON)
24 Mar/mar 2000 (24.03.2000)

(71) **CYRO INDUSTRIES** [US/US]; 100 Enterprise Drive, Rockaway, NJ 07866-5055 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPARKS, Darrell, L.** [US/US]; 1 Brookside Way, Kennebunk, ME 04043 (US). **LAFONTAINE, Grant, B.** [CA/US]; 47 Old Sawmill Road, Trumbull, CT 06611

(US). **HAY, Jennifer, A.** [US/US]; 28312 Town Walk Drive, Hamden, CT 06518 (US).
SMITH, Robert, E. [US/US]; 5 Hitchman Road, Shapleigh, ME 04076 (US).

(74) **JACKSON, David, A.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B32B 27/28**

(11) **WO 01/72514** (13) A1

(21) PCT/US01/09130

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/536,277 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITION OF A WEATHER-PROOF ROOFING MATERIAL

• COMPOSITION D'UN MATERIAU ETANCHE DE REVETEMENT DE TOITURE

(71) **BUILDING LITE INDUSTRIES, INC.** [US/US]; 6505 Esplanade #3, Playa del Rey, CA 90293 (US).

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

(72, 75) **ITALIANE, Frank, Lane** [US/US]; 6505 Esplanade #3, Playa del Rey, CA 90293 (US). **SCIARRA, Joseph, III** [US/US]; 1918 Santiago Drive, Newport Beach, CA 92660 (US).

(74) **TOWNSLEY, Norton, R.**; Suite 330, 100 Corporate Pointe, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

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

(51)⁷ **B32B 27/32 // B65D 5/56, 85/50**

(11) **WO 01/72515** (13) A1

(21) PCT/JP01/02729

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-97038 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LAMINATED PACKAGING MATERIAL AND PROCESS FOR PRODUCING LAMINATED PACKAGING MATERIAL

• MATERIAU DE CONDITIONNEMENT STRATIFIE ET PROCEDE DE PRODUCTION DUDIT MATERIAU

(71) **TETRA LAVAL HOLDINGS & FINANCE S.A.** [CH/CH]; 70 Avenue General-Guisan, CH-1009 Pully (CH).

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

(72, 75) **FRISK, Peter** [SE/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku, Tokyo 102-8544 (JP). **KOBAYASHI, Norio** [JP/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku, Tokyo 102-8544 (JP). **ONO, Kazuya** [JP/JP]; c/o NIHON TETRA PAK K.K., 6-12, Kioicho, Chiyoda-ku, Tokyo 102-8544 (JP).

(74) **SHIMIZU, Shozo** et al. / etc.; c/o Intellectual Property Department, R & D, Nihon Tetra Pak K.K., 755-1, JinbaUenohara, Gotenbashi, Shizuoka 412-0047 (JP).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B41F 31/15**

(11) **WO 01/72516** (13) A2

(21) PCT/DE01/01124

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 853.0 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ROLLER WITH AXIAL TRAVEL

• ROULEAU A LEVAGE AXIAL

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Str. 4, 97080 Würzburg (DE).

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

(72, 75) **SCHNEIDER, Georg** [DE/DE]; Fritz-Haber-Str. 13, 97080 Würzburg (DE). **REDER, Wolfgang, Otto** [DE/DE]; Thüngersheimer Str. 35, 97209 Veitshöchheim (DE).

(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Lizenzen-Patente, Friedrich-Koenig-Strasse 4, 97080 Würzburg (DE).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **B41J 2/00**

(11) **WO 01/72517** (13) A2

(21) PCT/EP01/02980

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 14 826.3 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR IRRADIATING A PRINTING ROLLER OF A LASER PRINTER OR THE LIKE WITH LIGHT

• DISPOSITIF POUR EXPOSER A LA LUMIERE UN ROULEAU IMPRIMEUR D'IMPRIMANTE LASER OU SIMILAIRE

(71) **HENTZE, Joachim** [DE/DE]; Haus Lohe 1, 59457 Werl (DE).

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

(71, 72) **LISSOTSCHENKO, Vitalij** [DE/DE]; Tospelliweg 19, 44149 Dortmund (DE).

(74) **BASFELD, Rainer** et al. / etc.; Ostentor 9, 59757 Arnsberg (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 **B41J 2/005, B41M 5/38**

(11) **WO 01/72518** (13) A1

(21) PCT/DE01/01201

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 15 786.6 **30 Mar/mar 2000 DE (30.03.2000)**

(30) 100 51 850.8 **19 Oct/oct 2000 DE (19.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF PRINTING AND CORRESPONDING PRINT MACHINE

• PROCEDE D'IMPRESSION ET MACHINE D'IMPRESSION ASSOCIEE

(71) **AURENTUM INNOVATIONSTECHNOLOGIEN GMBH** [DE/DE]; Robert-Koch-Strasse 50, 55129 Mainz (DE).

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

(72, 75) **LEHMANN, Udo** [DE/DE]; Melibokusstrasse 9, 64404 Bickenbach (DE).

(74) **WEBER-SEIFFERT-LIEKE**; Postfach 61 45, 65051 Wiesbaden (DE).

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

LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **B41J 2/045, 2/16**

(11) **WO 01/72519** (13) A1

(21) PCT/JP00/01880

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • MULTIPLE-NOZZLE INK-JET HEAD
AND METHOD OF MANUFACTURE
THEREOF

- TETE A JET D'ENCRE A BUSES MUL-
TIPLES ET PROCEDE DE FABRICA-
TION DE CELLE-CI

- (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) **SAKAMOTO, Yoshiaki** [JP/JP]; Fujitsu
Limited, 1-1, Kamikodanaka 4-chome, Naka-
hara-ku, Kawasaki-shi, Kanagawa 211-8588
(JP). **KOIKE, Shuji** [JP/JP]; Fujitsu Limited,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
SHINGAI, Tomohisa [JP/JP]; Fujitsu Lim-
ited, 1-1, Kamikodanaka 4-chome, Naka-
hara-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 **B41J 2/045, 2/16**

(11) **WO 01/72520** (13) A1

(21) PCT/JP00/01882

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • MULTIPLE-NOZZLE INK-JET HEAD
AND METHOD OF MANUFACTURE
THEREOF

- TETE A JET D'ENCRE A BUSES MUL-
TIPLES ET SON PROCEDE DE FABRI-
CATION

- (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) **SAKAMOTO, Yoshiaki** [JP/JP]; Fujitsu
Limited, 1-1, Kamikodanaka 4-chome, Naka-
hara-ku, Kawasaki-shi, Kanagawa 211-8588
(JP). **KOIKE, Shuji** [JP/JP]; Fujitsu Limited,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).

SHINGAI, Tomohisa [JP/JP]; Fujitsu Lim-
ited, 1-1, Kamikodanaka 4-chome, Naka-
hara-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 **B41J 2/16, 2/045, 2/055**

(11) **WO 01/72521** (13) A1

(21) PCT/JP00/01881

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • BIMORPH ACTUATOR, INK-JET
HEAD USING BIMORPH ACTUATOR,
AND METHOD OF MANUFACTURE
THEREOF

- ACTIONNEUR BIMORPHE, TETE A
JET D'ENCRE UTILISANT UN AC-
TIONNEUR BIMORPHE ET PROCEDE
DE FABRICATION DE CELUI-CI

- (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) **SAKAMOTO, Yoshiaki** [JP/JP]; Fujitsu
Limited, 1-1, Kamikodanaka 4-chome, Naka-
hara-ku, Kawasaki-shi, Kanagawa 211-8588
(JP). **KOIKE, Shuji** [JP/JP]; Fujitsu Limited,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
SHINGAI, Tomohisa [JP/JP]; Fujitsu Lim-
ited, 1-1, Kamikodanaka 4-chome, Naka-
hara-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 **B41J 2/175**

(11) **WO 01/72522** (13) A1

(21) PCT/JP01/02445

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-86020 **27 Mar/mar 2000** JP

(30) 2001-34187 **9 Feb/fév 2001** JP
(**09.02.2001**)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • INK-JET RECORDER

- ENREGISTREUR A JET D'ENCRE

- (71) **SEIKO EPSON CORPORATION** [JP/JP];
4-1, Nishi-Shinjuku 2-chome, Shinkuku-ku,
Tokyo 163-0811 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

- (72, 75) **USUI, Minoru** [JP/JP]; Seiko Epson
Corporation, 3-5, Owa 3-chome, Suwa-shi,
Nagano-ken 392-8502 (JP). **KIMURA, Hi-
totoshi** [JP/JP]; Seiko Epson Corporation,

3-5, Owa 3-chome, Suwa-shi, Nagano-ken
392-8502 (JP). **TAKAHASHI, Nobuhito**
[JP/JP]; Seiko Epson Corporation, 3-5, Owa
3-chome, Suwa-shi, Nagano-ken 392-8502
(JP). **HARADA, Shuhei** [JP/JP]; Seiko Epson
Corporation, 3-5, Owa 3-chome, Suwa-shi,
Nagano-ken 392-8502 (JP).

- (74) **KIMURA, Katsuhiko** et al. / etc.; Nishiki
Patent Office, 3F, 11-Sankyo Bldg., 1-2,
Koishikawa 2-chome, Bunkyo-ku, Tokyo
112-0002 (JP).

(81) JP US.

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

(51)⁷ **B41J 29/38, 2/05**

(11) **WO 01/72523** (13) A1

(21) PCT/US01/09848

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/537,255 **29 Mar/mar 2000** US
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • DUAL-CONFIGURABLE PRINT HEAD
ADDRESSING

- ADRESSAGE DE TETE D'IMPRES-
SION A CONFIGURATION DOUBLE

- (71) **LEXMARK INTERNATIONAL, INC.**
[US/US]; Intellectual Property Law Depart-
ment, 740 West New Circle Road, Lexington,
KY 40550 (US).

- (72) **ANDERSON, Frank, Edward**; 740 West
New Circle Road, Lexington, KY 40550
(US). **PARISH, George, Keith**; 11 Fontaine
Blvd., Winchester, KY 40391 (US).

- (74) **SANDERSON, Michael, T.**; Lexmark Inter-
national, Inc., Intellectual Property Law De-
partment, 740 West New Circle Road, Lexing-
ton, KY 40550 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

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(51)⁷ **B41M 1/28**

(11) **WO 01/72524** (13) A1

(21) PCT/KR00/00262

(22) **25 Mar/mar 2000 (25.03.2000)**

(25) ko (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • METHOD FOR MANUFACTURING
GRAVURE-TRANSFER-COATED
STEEL PLATE

- PROCEDE DE FABRICATION D'UNE
PLAQUE D'ACIER REVETUE PAR
TRANSFERT DE MOTIF GRAVE

(71) **UNION STEEL MANUFACTURING CO., LTD.** [KR/KR]; 588-1, Gamman-dong, Nam-ku, Pusan 608-070 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHOI, Janghyun** [KR/KR]; Samho-garden Apt. 3-202, Woo 2-dong, Haeundae-ku, Pusan 612-022 (KR). **JEON, Sungsu** [KR/KR]; Bugoksiyoung Apt., 114-1406, Bugok 1-dong, Keumjeong-ku, Pusan 609-321 (KR). **AHN, Sungkwon** [KR/KR]; Hyundai Apt., 103-1202, Gamman-dong, Nam-ku, Pusan 608-070 (KR). **KWON, Chulho** [KR/KR]; Lotte Apt. 3rd, 308-1001, Jwa-dong, Haeundae-ku, Pusan 612-030 (KR).

(74) **KIM, Ikwhan**; Chunsu Building 3F, 1677-14, Seocho-dong, Seocho-ku, Seoul 137-070 (KR).

(81) CA CN JP KR US.

(51)⁷ **B41M 3/14, 1/10, B41C 1/02**

(11) **WO 01/72525** (13) A1

(21) PCT/EP01/03418

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 15 097.7 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PHOTOENGRAVED PRINTED DATA CARRIER

● SUPPORT DE DONNEES IMPRIME PAR HELIOGRAVURE

(71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, 81677 München (DE).

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

(72, 75) **BALDUS, Christof** [DE/DE]; Weisenburgerstrasse 24, 81667 München (DE). **DANIEL, Franz** [DE/DE]; Taxetstrasse 1, 85737 Ismaning (DE). **PREIDT, Adolf** [DE/DE]; Estingerstrasse 27, 82140 Olching (DE). **REBELE, Theodor** [DE/DE]; Volkartstrasse 69, 80636 München (DE).

(74) **KLUNKER, SCHMITT-NILSON, HIRSCH**; Winzererstrasse 106, 80797 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B41M 5/00**

(11) **WO 01/72526** (13) A1

(21) PCT/JP01/02009

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) ja (26) ja

(30) 2000-92327 **29 Mar/mar 2000 JP (29.03.2000)**

(30) 2000-198597 **30 Jun/juin 2000 JP (30.06.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● INK-JET RECORDING MATERIAL FOR NONAQUEOUS INK

● MATERIAU D'IMPRESSION A JET D'ENCRE POUR ENCRE NON AQUEUSE

(71) **MITSUBISHI PAPER MILLS LIMITED** [JP/JP]; 4-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(72, 75) **UTSUMI, Masao** [JP/JP]; c/o MITSUBISHI PAPER MILLS LIMITED, 4-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KASAMATSU, Kunio** [JP/JP]; c/o MITSUBISHI PAPER MILLS LIMITED, 4-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **ARISUE, Hideya** [JP/JP]; c/o MITSUBISHI PAPER MILLS LIMITED, 4-2, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).

(81) CN ID JP US.

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

Published / Publiée : (a)

(51)⁷ **B41M 5/30**

(11) **WO 01/72527** (13) A1

(21) PCT/EP01/03166

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 0007313.0 **27 Mar/mar 2000 GB (27.03.2000)**

(30) 0010993.4 **8 May/mai 2000 GB (08.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● HEAT SENSITIVE RECORDING MATERIAL

● MATIERE D'IMPRESSION THERMOSENSIBLE

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, 4057 Basel (CH).

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

(72, 75) **TAYLOR, James, Philip** [GB/GB]; 61 Oxford Road, Macclesfield, Cheshire SK11 8JE (GB). **O'NEIL, Robert, Montgomery** [GB/GB]; 7 Wroxham Avenue, Davyhulme, Manchester M41 5TE (GB). **BOARDMAN, Kenneth, Alfred** [GB/GB]; 6 Meadway, High Lane, Stockport SK6 8EG (GB).

(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, 4057 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B41M 5/40, 5/00, 3/14**

(11) **WO 01/72528** (13) A1

(21) PCT/EP01/02552

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 100 14 351.2 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● RECORDING PAPER THAT CAN BE PRINTED ON THE REVERSE

● PAPIER D'ENREGISTREMENT POU-VANT ETRE IMPRIME AU VERSO

(71) **MITSUBISHI HITEC PAPER FLENSBURG GMBH** [DE/DE]; Husumer Strasse 12, 24941 Flensburg (DE).

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

(72, 75) **KRANZ, Erich** [DE/DE]; Wilhelm-Busch-Winkel 3, 24939 Flensburg (DE). **MARX, Matthias** [DE/DE]; Itzehoer Strasse 72, 24589 Nortorf (DE).

(81) CN JP KR US.

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

Published / Publiée : (c)

(51)⁷ **B42F**

(11) **WO 01/72529** (13) A2

(21) PCT/US01/09788

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/538,251 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ORGANIZER FOR COMPUTER MONITOR

● CLASSEUR DE RANGEMENT POUR MONITEUR D'ORDINATEUR

(71) **STOMP, INC.** [US/US]; Suite 105, 1012 Brioso, Costa Mesa, CA 92627 (US).

(72) **HUMMELL, Michael, L.**; 20052 Cypress Drive, Newport Beach, CA 92660 (US). **SANDOR, Joseph**; 411 Dahlia Avenue, Corona Del Mar, CA 92625 (US). **HOLOWATCH, Kenneth**; 12 Calypso, Aliso Viejo, CA 92656 (US). **TOPP, Kevin**; P.O. Box 63, Silverado, CA 92676 (US).

(74) **HACKLER, Walter, A.**; Suite B, 2372 S.E. Bristol, Newport Beach, CA 92660-0755 (US).

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

MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

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

(51)⁷ **B42F 9/00, F21V 33/00, 21/088, F21L
4/02, 4/08**

(11) **WO 01/72530** (13) A1

(21) PCT/US01/40344

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/535,286 **24 Mar/mar 2000 US
(24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **LIGHTED WRITING SUPPORT AND
CLIPBOARD**

• **SUPPORT D'ECRIURE ECLAIRE ET
PLANCHETTE A PINCE**

(71, 72) **MERRELL, Daniel, B.** [US/US]; 3652
E. Dartmouth, Mesa, AZ 85205 (US).

(74) **ST. JOHN, Richard** et al. / etc.; Suite 1300,
601 West First Avenue, Spokane, WA 99201-
3828 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ **B43K 8/10, 5/03**

(11) **WO 01/72531** (13) A1

(21) PCT/GB01/01277

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007287.6 **24 Mar/mar 2000 GB
(24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **MARKING INSTRUMENTS**

• **INSTRUMENTS DE MARQUAGE**

(71) **BEROL CORPORATION** [US/US]; 29E
Stephenson Street, Freeport, Illinois, IL
61032 (US).

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

(72, 75) **CAUSTON, Brian, Edward** [GB/GB];
Flat 3, 9B Sidmouth Street, Reading RG1
4QX (GB). **BAINES, Frederick, Charles**
[GB/GB]; 14 Yew Tree Close, Eaton Bray,
Dunstable, Luton LU6 2ED (GB). **NICOLL,
Roy** [GB/GB]; 52 Reynards Close, Winnersh,
Wokingham, Berkshire RG41 5NU (GB).

(74) **WAIN, Christopher, Paul** et al. / etc.; A.A.
Thornton & Co., 235 High Holborn, London
WC1V 7LE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B44C 1/17, D06Q 1/12, B41M 5/00**

(11) **WO 01/72532** (13) A1

(21) PCT/IB01/00403

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 00107002.8 **30 Mar/mar 2000 EP
(30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **PHOSPHORESCENT MATERIAL
WHICH CAN BE PRINTED WITH A
TRANSFER SYSTEM FOR DIGITAL
DATA**

• **MATERIAU PHOSPHORESCENT SUR
LEQUEL DES DONNEES NUME-
RIQUES PEUVENT ETRE IMPRIMEES
PAR UN SYSTEME DE TRANSFERT**

(71) **CELFA AG** [CH/CH]; Bahnhofstrasse 92,
CH-6423 Seewen (CH).

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

(72, 75) **BUNSCHL, Toni** [CH/CH]; Kirchstrasse
50, CH-6454 Flüelen (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 CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

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(51)⁷ **B60B 15/00, 15/02, 15/26**

(11) **WO 01/72533** (13) A1

(21) PCT/RO01/00006

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) a2000 00362 **31 Mar/mar 2000 RO
(31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD AND DEVICE FOR THE
STOPPAGE OF MOTOR VEHICLES**

• **PROCEDE ET DISPOSITIF POUR AR-
RETER DES VEHICULES A MOTEUR**

(71) **PAN-TERRA CORPORATION** [RO/RO];
Calea Mosilor nr. 286, bl. 30A, et. 5,
R-73252 Bucuresti (RO).

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

(72, 75) **POPESCU, Gheorghe, G.** [RO/RO];
Soseaua Pantelimon 249-48, sc 2 et. 1, ap.
52, R-73544 Bururesti 2 (RO).

POPESCU, Aurora, Maria [RO/RO]; Soseaua Pante-
limon 249-48, sc 2 et. 1, ap. 52, R-73544
Bururesti 2 (RO).

(74) **POP, Calin, Radu**; Cabinet Enpora S.R.L.,
Sos. Iancului nr. 7, bl. 109B, sc. B, et. 1, ap.
46, sector 2, R-73371 Bucuresti (RO).

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les
désignations sauf US

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

(u) for / pour US only / seulement; (u) for / pour
US only / seulement

(51)⁷ **B60C 17/00, 15/05, B29D 30/10**

(11) **WO 01/72534** (13) A1

(21) PCT/EP01/03468

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 00830242.4 **31 Mar/mar 2000 EP
(31.03.2000)**

(30) 60/202,921 **9 May/mai 2000 US
(09.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **SELF-SUPPORTING TYRE FOR VE-
HICLE WHEELS, AND METHOD FOR
MANUFACTURING THE SAME**

• **PNEUMATIQUE AUTO-PORTEUR DE
ROUES DE VEHICULES ET SON PRO-
CEDE DE PRODUCTION**

(71) **PIRELLI PNEUMATICI S.P.A.** [IT/IT];
Viale Sarca, 222, I-20126 Milano (IT).

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

(72, 75) **CARETTA, Renato** [IT/IT]; Viale dei
Tigli, 16, I-21013 Gallarate (IT). **MISANI,
Pierangelo** [IT/IT]; Via Oslavia, 30, I-20052
Monza (IT). **FRISIANI, Luca** [IT/IT]; Via
Muratori, 3, I-20135 Milano (IT).

(74) **TANSINI, Elio, Fabrizio**; Bugnion S.p.A.,
Viale Lancetti, 17, I-20158 Milano (IT).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **B60C 17/00, 9/18, B29D 30/70, B26D 3/11, B29D 30/46**

(11) **WO 01/72535** (13) A1

(21) PCT/US01/08316

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/537,657 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● EXPANDABLE BAND FOR RUN FLAT TIRE AND METHOD OF MAKING

● BANDE EXPANSIBLE POUR PNEU A AFFAISSEMENT LIMITE ET PROCEDE DE FABRICATION ASSOCIE

(71) **BRIDGESTONE/FIRESTONE, INC.** [US/US]; 1200 Firestone Parkway, Akron, OH 44317 (US).

(72) **SPRAGG, Charles, D.**; 2609 Bridgeton Dr., Hudson, OH 44236 (US). **KIRBY, James, M.**; 242 Clinton Dr., Akron, OH 44301 (US). **MARKOW, Edward, G.**; 9500 S. Ocean Dr., Jensen Beach, FL 34957 (US).

(74) **SAND, Michael** et al. / etc.; Sand & Sebolt, 4801 Dressler Road, NW, Canton, OH 44718 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B60C 17/00, 9/18**

(11) **WO 01/72536** (13) A1

(21) PCT/US01/08318

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/537,916 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MULTI-REGION BAND ELEMENT FOR RUN FLAT TIRE

● ELEMENT DE BANDE A ZONES MULTIPLES POUR PNEU DEGONFLE

(71) **BRIDGESTONE/FIRESTONE, INC.** [US/US]; 1200 Firestone Parkway, Akron, OH 44317 (US).

(72) **SPRAGG, Charles, D.**; 2609 Bridgeton Dr., Hudson, OH 44236 (US). **KIRBY, James, M.**; 242 Clinton Dr., Akron, OH 44301 (US). **MARKOW, Edward, G.**; 9500 S. Ocean Dr., Jensen Beach, FL 34957 (US).

(74) **SAND, Michael** et al. / etc.; Sand & Sebolt, 4801 Dressler Rd. NW, Canton, OH 44718 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B60C 23/00**

(11) **WO 01/72537** (13) A1

(21) PCT/NL01/00247

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) nl (26) en

(30) 1014752 **24 Mar/mar 2000 NL (24.03.2000)**

(30) 1015677 **10 Jul/juil 2000 NL (10.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM FOR AUTOMATICALLY MAINTAINING TYRE PRESSURE

● DISPOSITIF PERMETTANT DE MAINTENIR AUTOMATIQUEMENT UNE PRESSION CONSTANTE DANS UN PNEUMATIQUE

(71) **BROTEC INTERNATIONAL B.V.** [NL/NL]; West Havendijk 25, NL-4703 RA Roosendaal (NL).

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

(72, 75) **BROOS, Petrus, Leonardus, Laurentius, Maria** [NL/BE]; Wasbrug 20, B-2910 Essen (BE).

(74) **BARTELD, Erik**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B60G 7/00, F16C 7/02, B62D 7/20**

(11) **WO 01/72538** (13) A1

(21) PCT/EP01/03380

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) de (26) de

(30) 100 14 603.1 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● STABILISING STRUT, ESPECIALLY FOR A VEHICLE CHASSIS

● BARRE STABILISATRICE, NOTAMMENT POUR UN CHASSIS DE VEHICULE AUTOMOBILE

(71) **PROGRESS-WERK OBERKIRCH AG** [DE/DE]; Stadelhofen Industriestrasse 8, 77704 Oberkirch (DE).

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

(72, 75) **HUBER, Konrad** [DE/DE]; Wäldenstrasse 10, 77704 Oberkirch (DE).

MERKLE, Hans [DE/DE]; Wilhelmshöfe 3, 79346 Endingen (DE). **SCHMIEDER, Hansjörg** [DE/DE]; Am Altensteg 11, 77704 Oberkirch-Zusenhofen (DE).

(74) **HEUCKEROTH, Volker** et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B60G 7/00**

(11) **WO 01/72539** (13) A1

(21) PCT/EP01/03382

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) de (26) de

(30) 100 14 581.7 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● STABILIZING STRUT, IN PARTICULAR, FOR A VEHICLE CHASSIS AND METHOD FOR THE PRODUCTION THEREOF

● MONTANT DE STABILISATION, NOTAMMENT POUR CHASSIS DE VEHICULE ET PROCEDE PERMETTANT DE LE PRODUIRE

(71) **PROGRESS-WERK OBERKIRCH AG** [DE/DE]; Stadelhofen Industriestrasse 8, 77704 Oberkirch (DE).

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

(72, 75) **HUBER, Konrad** [DE/DE]; Wäldenstrasse 10, 77704 Oberkirch (DE).

MERKLE, Hans [DE/DE]; Wilhelmshöfe 3, 79346 Endingen (DE). **SCHMIEDER, Hansjörg** [DE/DE]; Am Altensteg 11, 77704 Oberkirch-Zusenhofen (DE).

(74) **HEUCKEROTH, Volker** et al. / etc.; Witte, Weller & Partner, Postfach 105462, 70047 Stuttgart (DE).

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

MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B60J**

(11) **WO 01/72540** (13) A2

(21) PCT/BR01/00034

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) MU 8002205-7 **31 Mar/mar 2000 BR**
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TUBULAR CANOPY FOR PICKUPS

• TOIT TUBULAIRE POUR CAMION-
NETTE A PLATE-FORME

(71, 72) **SOLDATELLI, Rubens, Fernando**
[BR/BR]; Av. Rio Branco, 988/41,
CEP-95096-000 Caxias do Sul, RS (BR).

(81) AU CA CO ES MX PT US.

(51)⁷ **B60J 5/00**

(11) **WO 01/72541** (13) A2

(21) PCT/US01/40388

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,944 **29 Mar/mar 2000 US**
(29.03.2000)

(30) 09/770,030 **5 Feb/fév 2001 US**
(05.02.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VEHICLE LIFTGATE POWER OPER-
ATING SYSTEM

• SYSTEME D'ACTIONNEMENT ELEC-
TRIQUE DU HAYON D'UN VEHICULE

(71) **DELPHI TECHNOLOGIES, INC.**
[US/US]; P.O. Box 5052, Troy, MI 48007
(US).

(72) **WYGLE, Michael, G.**; 32600 Concord
Drive, Madison Heights, MI 48071 (US).
MARTIN, Ian; 2745 Riverside Drive, Wa-
terford, MI 48329 (US). **DOMBROWSKI,**
Douglas; 360 Booth Road, Troy, MI 48084
(US). **KUHLMAN, Howard, Warren**; 2057
Ridgefield Court, Rochester Hills, MI 48306
(US).

(74) **GRIFFIN, Patrick, M.**; Delphi Techno-
logies, Inc., P.O. Box 5052, Mail Code: 480-
414-420, Troy, MI 48007-5052 (US).

(81) JP.

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

(51)⁷ **B60K 17/00**

(11) **WO 01/72542** (13) A2

(21) PCT/DE01/01129

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 15 374.7 **28 Mar/mar 2000 DE**
(28.03.2000)

(30) 100 15 720.3 **29 Mar/mar 2000 DE**
(29.03.2000)

(30) 100 24 187.5 **17 May/mai 2000 DE**
(17.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MOTOR VEHICLE COMPRISING A
GEARBOX

• VEHICULE AVEC BOITE DE VITESSE

(71) **LUK LAMELLEN UND KUPPLUNGS-
BAU GMBH** [DE/DE]; Industriestrasse 3,
77815 Bühl (DE).

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

(72, 75) **ESLY, Norbert** [DE/DE]; Tucherstrasse
26, 77815 Bühl (DE). **BENNDORF, Jens**
[DE/DE]; Johann-Fraass-Strasse 22, 77815
Bühl (DE).

(74) **LUK LAMELLEN UND KUPPLUNGS-
BAU GMBH**; Grauel, Andreas, 77813 Bühl
(DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ **B60K 17/04**

(11) **WO 01/72543** (13) A1

(21) PCT/JP00/07527

(22) **26 Oct/oct 2000 (26.10.2000)**

(25) ja (26) ja

(30) 2000-132981 **28 Mar/mar 2000 JP**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ENERGY-SAVING WHEEL DRIVING
DEVICE FOR CARS

• ROUE MOTRICE DE VEHICULE PER-
METTANT UNE ECONOMIE D'ENER-
GIE

(71, 72) **MIURA, Yoshio** [JP/JP]; 17-6, Hanaya-
machi 1-chome, Hitachi-chi, Ibaraki
316-0011 (JP).

(81) CN JP KR RU US.

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

(51)⁷ **B60K 31/04**

(11) **WO 01/72544** (13) A1

(21) PCT/DE01/00538

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) de (26) de

(30) 100 15 301.1 **28 Mar/mar 2000 DE**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR INTERRUPTING
SPEED OR DISTANCE ADJUSTMENT
IN THE CONTROL SYSTEM OF A MO-
TOR VEHICLE

• PROCEDE POUR INTERROMPRE
UNE REGULATION DE VITESSE OU
DE DISTANCE D'UN SYSTEME DE
REGULATION D'UN VEHICULE AU-
TOMOBILE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Post-
fach 30 02 20, 70422 Stuttgart (DE).

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

(72, 75) **HELLMANN, Manfred** [DE/DE];
Pforzheimer Strasse 11, 71706 Hardthof
(DE). **BECK, Thilo** [DE/DE]; Froschweg
13, 70499 Stuttgart (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 **B60K 31/18, 31/10**

(11) **WO 01/72545** (13) A1

(21) PCT/DE01/00552

(22) **14 Feb/fév 2001 (14.02.2001)**

(25) de (26) de

(30) 100 15 299.6 **28 Mar/mar 2000 DE**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR RELEAS-
ING A TAKE-OVER REQUEST FOR
CRUISE CONTROLLED VEHICLES

• PROCEDE ET DISPOSITIF POUR
DECLENCHER UNE DEMANDE DE
PRISE EN CHARGE POUR DES VEHI-
CULES A VITESSE REGULEE

(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) **HELLMANN, Manfred** [DE/DE];
Pforzheimer Strasse 11, 71706 Hardthof
(DE). **WINNER, Hermann** [DE/DE]; Im
Mehl 3, 76229 Karlsruhe (DE). **IRION,**
Albrecht [DE/DE]; Schaedleweg 2, 70563
Stuttgart (DE).

(81) JP KR US.

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

(51)⁷ **B60K 41/02, F16D 27/16**

(11) **WO 01/72546** (13) A1

(21) PCT/SE01/00631

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) sv (26) en

(30) 0001058-7 **27 Mar/mar 2000 SE**
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR IN-
DICATION OF CLUTCH SLIP

• PROCEDE ET APPAREIL DESTINES A
INDIQUER UN GLISSEMENT

(71) **SCANIA CV AB (publ)** [SE/SE]; S-151 87
Södertälje (SE).

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

(72, 75) **BOSTRÖM, Richard** [SE/SE]; Tjäder-
spelsvägen 6B, S-155 30 Nykvarn (SE).

(74) **WALDEBÄCK, Hans**; Scania CV AB,
Patents, S-151 87 Södertälje (SE).

(81) BR DE 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 **B60L 11/00, 11/16, 11/18**

(11) **WO 01/72547** (13) A1

(21) PCT/FR01/00916

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 00/03827 **27 Mar/mar 2000 FR**
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTIPLE ROUTE ELECTRIC URBAN
PUBLIC TRANSPORT MEANS POW-
ERED BY GRID SYSTEM

• MOYEN DE TRANSPORT COLLECTIF
URBAIN ELECTRIQUE A ITINERAIRE
MULTIPLE ALIMENTE PAR LE RE-
SEAU GENERAL

(71, 72) **BILLETTE DE VILLEMEUR, Philippe** [FR/FR]; 6, rue de la Cossonnerie, F-75001 Paris (FR). **BILLETTE DE VILLEMEUR, Régis** [FR/FR]; 6, rue de la Cossonnerie, F-75001 Paris (FR). **GEOFFROY, Marc** [FR/FR]; 26/28, rue Pelleport, F-75020 Paris (FR). **BONNEFOND, Marie-Geneviève** [FR/FR]; Le Maine Pinaud, F-16190 St Martial (FR). **PELLERIN, Jean-François** [FR/FR]; 15, rue de Seine, F-92100 Boulogne Billancourt (FR). **BARTHELEMY, Guy** [FR/FR]; Bât. 6, 6, rue Aimé Morot, F-75013 Paris (FR).

(74) **BILLETTE DE VILLEMEUR, Régis**; 6, rue de la Cossonnerie, F-75001 Paris (FR).

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

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

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(51)⁷ **B60P 7/00**

(11) **WO 01/72548** (13) A1

(21) PCT/US01/40356

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/538,620 **29 Mar/mar 2000 US**
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TIE-DOWN HOOP

• ARMATURE METALLIQUE

(71) **SOUTHCO, INC.** [US/US]; 210 North Brinton Lake Road, Concordville, PA 19331 (US).

(72) **CLISHAM, Gerard, J.**; 1859 Huntsman Lane, West Chester, PA 19382 (US). **GOHAM, Thomas, D.**; 2035 Skiles Blvd., West Chester, PA 19382 (US). **SOKURENKO, William, E.**; 1702 N. Glen Drive, Glen Mills, PA 19342 (US). **ANDERSON, Glenn, E.**;

24 Bryan Avenue, Malvern, PA 19355 (US). **HYP, Eric, D.**; 817 E. Company Farm Road, Aspers, PA 17304 (US).

(74) **RAHMAN, Mohammad, S.** et al. / etc.; Paul & Paul, 2900 Two Thousand Market Street, Philadelphia, PA 19103 (US).

(81) KR.

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

(51)⁷ **B60Q 1/12**

(11) **WO 01/72549** (13) A1

(21) PCT/US01/08952

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/192,149 **24 Mar/mar 2000 US**
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HITCH RECEIVER WITH INTEGRAL LIGHTING, ACCESSORY PORTS AND TOWING HOOKS

• DISPOSITIF D'ATELAGE DE REMORQUE POURVU D'UN ECLAIRAGE, DE PORTS D'ACCESSOIRES ET DE CROCHETS DE REMORQUAGE INTEGRES

(71) **REESE PRODUCTS, INC.** [US/US]; 51671 State Road 19 North, Elkhart, IN 46514 (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). **LINDENMANN, Thomas, W.** [US/US]; 18488 Kern Road, South Bend, IN 46614 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B60Q 1/22, 1/48**

(11) **WO 01/72550** (13) A1

(21) PCT/GB01/01196

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0007506.9 **28 Mar/mar 2000 GB**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REVERSING ALARM

• ALARME DE MISE EN MARCHE ARRIERE

(71) **BRIGADE ELECTRONICS PLC** [GB/GB]; 62 Beresford Street, London

SE18 6BG (GB). **YAMAGUCHI ELECTRIC IND. CO. LIMITED** [JP/JP]; 3-11-9, Ikejiri, Setagaya-ku, Tokyo 154 (JP).

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

(72, 75) **HANSON-ABBOTT, Christopher** [GB/GB]; 9 Park Vista, Greenwich, London SE10 9LZ (GB). **YAMASHITA, Masato** [JP/JP]; 3-12, Nishi Onuma 3-chome, Sagamihara-shi, Kanagawa-ken (JP).

(74) **SPENCER, Michael, David** et al. / etc.; Bromhead & Co., 150 Regent Street, London W1R 5FA (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 EE ES FI GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **B60Q 1/44**

(11) **WO 01/72551** (13) A1

(21) PCT/US01/08420

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/538,592 **27 Mar/mar 2000 US**
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE AND SYSTEM FOR INDICATING RAPID DECELERATION IN VEHICLES

• DISPOSITIF ET SYSTEME D'INDICATION DE DECELERATION BRUTALE POUR VEHICULE

(71) **ARTHUR D. LITTLE ENTERPRISES, INC.** [US/US]; 20 Acorn Park, Cambridge, MA 02140-2390 (US).

(72) **CARLSON, Craig, D.**; 770 Boylston Street, Boston, MA 02199 (US). **FOWLER, J., Thomas**; 12 Old Salem, Marblehead, MA 01945 (US).

(74) **FERRARO, Neil, P.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **B60R**(11) **WO 01/72552** (13) A2

(21) PCT/EP01/02377

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) 100 15 114.0 **28 Mar/mar 2000** DE
(**28.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE TO DESIGN A DOMAIN MODEL FOR CONTROL SYSTEMS IN VEHICLES WITH RESPECT OF THE FUNCTIONAL REQUIREMENTS

• PROCEDE ET DISPOSITIF PERMETTANT D'ELABORER UN MODELE DE DOMAINE POUR DES SYSTEMES DE COMMANDE DANS DES VEHICULES EN TENANT COMPTE DES EXIGENCES FONCTIONNELLES

(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) **TORRE FLORES, Pio** [DE/DE]; Landwehrstrasse 17, 47441 Moers (DE).**LAPP, Andreas** [DE/DE]; Landsberger Strasse 1, 40599 Duesseldorf (DE).**SCHIRMER, Juergen** [DE/DE]; Kopertweg 9/1, 69124 Heidelberg (DE).**HERMSEN, Wolfgang** [DE/DE]; Jesinger Strasse 46/2, 73230 Kirchheim (DE).**BERTRAM, Torsten** [DE/DE]; Am Deich 46, 40547 Düsseldorf (DE). **PETERSEN, Joerg** [DE/DE]; Westerholter Strasse 37, 45894 Gelsenkirchen (DE).

(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 SI SK SL TJ TM TR TT TZ UA UG US VZ VN YU ZA ZW.

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

(51)⁷ **B60R 1/06**(11) **WO 01/72553** (13) A1

(21) PCT/DE01/00902

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 14 406.3 **24 Mar/mar 2000** DE
(**24.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HOUSING FOR AN EXTERIOR REARVIEW MIRROR OF A MOTOR VEHICLE

• BOITIER DE RETROVISEUR EXTERIEUR POUR VEHICULE

(71) **METALLWARENFABRIK WILKE GMBH & CO. KG** [DE/DE]; Schweigerstrasse 10, 38302 Wolfenbüttel (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **KUNZ, Hans-Hartwig** [DE/DE]; Neue Siedlung 6, 38835 Deersheim (DE). **ROSENTHAL, Dirk** [DE/DE]; Am Quählenberge 8,38300 Wolfenbüttel (DE). **KUNTZE, Rainer** [DE/DE]; Bismarckstrasse 1, 38329 Wittmar (DE).(74) **REHMANN, Thorsten**; Gramm, Lins & Partner GbR, Theodor-Heuss-Strasse 1, 38122 Braunschweig (DE).

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

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

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(51)⁷ **B60R 11/02, H04N 5/64, G09F 9/00**(11) **WO 01/72554** (13) A1

(21) PCT/JP00/01975

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AUDIOVISUAL PLAYER SYSTEM

• SYSTEME DE LECTEUR AUDIOVISUEL

(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) **KITANO, Toyooki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **SAGA, Ikuro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP). **HIBINO, Masahiro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).(74) **TAZAWA, Hiroaki**; Daito Building, 7th floor, 7-1, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) JP US.

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

(51)⁷ **B60R 16/02**(11) **WO 01/72555** (13) A1

(21) PCT/US01/10337

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/538,359 **29 Mar/mar 2000** US
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMBINED POWER SUPPLY AND ELECTRONIC CONTROL CIRCUIT FOR ABS

• CIRCUIT COMBINE D'ALIMENTATION ELECTRIQUE ET DE COMMANDE ELECTRONIQUE POUR SYSTEME ABS

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).(72) **KNECHTGES, David, R.**; 112 Lakeside Ave. (US). **FRANCESANGELI, James, E.**; 925 Marwin Drive (US).(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **B60R 21/01, 21/32, 16/02**(11) **WO 01/72556** (13) A1

(21) PCT/DE01/01162

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 15 688.6 **29 Mar/mar 2000** DE
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR TRIGGERING AT LEAST ONE FIRING ELEMENT FOR RESTRAINING MEANS IN A MOTOR VEHICLE

• PROCEDE ET DISPOSITIF POUR ALLUMAGE D'UN MOYEN DE RETENUE DANS UN VEHICULE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **ZELGER, Christian** [AT/DE]; Dechbettnerstrasse 23 a, 93049 Regensburg (DE).(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP KR US.

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

Published / Publiée : (c)

(51)⁷ **B60R 21/01**(11) **WO 01/72557** (13) A1

(21) PCT/DE01/00897

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 15 274.0 **28 Mar/mar 2000** DE
(**28.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE AND METHOD FOR DETECTING AN OBJECT OR A PERSON IN THE PASSENGER COMPARTMENT OF A VEHICLE

• DISPOSITIF ET PROCEDE PERMETTANT DE DETECTER UN OBJET OU UNE PERSONNE DANS L'HABITACLE D'UN VEHICULE

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

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

(72, 75) **ARNOLD, Martin** [DE/DE]; St.-Cajetan-Str. 12, 81669 München (DE).
STIERLE, Thomas [DE/DE]; Lappersdorfer Str. 29, 93059 Regensburg (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) JP KR US.

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

Published / Publiée : (c)

(51)⁷ **B60R 21/20, F16B 21/18**

(11) **WO 01/72558** (13) A1

(21) PCT/US01/01404

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) en (26) en

(30) 09/535,606 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SNAP-IN DRIVER'S AIRBAG MODULE
• MODULE DE SAC GONFLABLE ENCLIQUETABLE

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807-3050 (US).

(72) **KURZ, Scott**; 2983 Shawnee Lane, Waterford, MI 48329 (US). **LEVINE, Aaron**; 7487 Kennington Boulevard, West Bloomfield, MI 48322 (US).

(74) **DRAYER, Lonnie, R.**; Breed Automotive Technologie, Inc., P.O. Box 33050, Lakeland, FL 33807-3050 (US) et al. / etc.

(81) AT AU BR CA CN CZ DE DK ES FI GB HU ID IN JP KR MX NO NZ PL PT RU SE TR YU ZA.

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

(51)⁷ **B60R 21/26**

(11) **WO 01/72559** (13) A1

(21) PCT/JP01/02480

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-89391 **28 Mar/mar 2000 JP (28.03.2000)**

(30) 2001-69635 **13 Mar/mar 2001 JP (13.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HYBRID INFLATOR
• GONFLEUR HYBRIDE

(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) **RYOBO, Eiichi** [JP/JP]; 1-9, Honmachi, Hirohata-ku, Himeji-shi, Hyogo 671-1114 (JP). **OGAWA, Akihisa** [JP/JP]; 268-8, Shimoyobe, Yobe-ku, Himeji-shi, Hyogo 671-1261 (JP).

(74) **FURUYA, Kaoru** et al. / etc.; Hamachohanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B60R 21/26**

(11) **WO 01/72560** (13) A1

(21) PCT/JP01/02540

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-88394 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GAS GENERATOR
• GÉNÉRATEUR DE GAZ

(71) **NIPPON KAYAKU KABUSHIKI-KAISHA** [JP/JP]; 11-2, Fujimi 1-chome, Chiyoda-ku, Tokyo 102-8172 (JP).

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(72, 75) **TAGUCHI, Seigo** [JP/JP]; c/o Himeji Factory of Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). **OCHI, Hiroyuki** [JP/JP]; c/o Himeji Factory of Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP). **KISHINO, Yoshiyuki** [JP/JP]; c/o Himeji Factory of Nippon Kayaku Kabushiki-Kaisha, 3903-39, Toyotomi, Toyotomi-cho, Himeji-shi, Hyogo 679-2123 (JP).

(74) **KAJI, Yoshiyuki** et al. / etc.; Recruit Shin Osaka Building, 14-22, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B60R 21/26, 21/28**

(11) **WO 01/72561** (13) A1

(21) PCT/US01/09687

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/536,406 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPACT DUAL NOZZLE AIR BAG INFLATOR
• GONFLEUR D'AIRBAG COMPACT A DOUBLE BUSE

(71) **ATLANTIC RESEARCH CORPORATION** [US/US]; 5945 Wellington Road, Gainesville, VA 20155-1699 (US).

(72) **DIGIACOMO, Michael**; 7310 Auburn Mill Road, Warrenton, VA 20187-4510 (US). **BLACK, Robert, E.**; 14603 Farm Pond Court, Centreville, VA 20120 (US). **COPPERHITHE, Chester, A.**; 5578 Summerduck Road, Summerduck, VA 22754 (US). **DERSTINE, Mark, S.**; 14201 Iona Sound Drive, Bristow, VA 20136 (US). **ROVITO, Robert, W.**; 413 August National Way, Knoxville, TN 37922 (US).

(74) **PRESTA, Frank, P.**; Nixon & Vanderhye P.C., Suite 800, 1100 North Glebe Road, Arlington, VA 22201-4714 (US).

(81) CA JP KR MX.

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

(51)⁷ **B60R 22/48**

(11) **WO 01/72562** (13) A1

(21) PCT/SE01/00633

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,098 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AN APPARATUS AND A METHOD FOR INDUCING SEAT BELT USAGE BY A DRIVER OF A VEHICLE

• DISPOSITIF ET PROCEDE PERMETTANT D'INCITER LE CONDUCTEUR D'UN VEHICULE A UTILISER LA CEINTURE DE SECURITE

(71) **VOLVO LASTVAGNAR AB** [SE/SE]; S-405 08 Göteborg (SE).

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

(72, 75) **GUSTAVSSON, Tommy** [SE/SE]; Eklienden Pl 4198, S-430 30 Frillesås (SE).

(74) **GÖTEBORGS PATENTBYRÅ DAHLS AB**; Sjöporten 4, S-417 64 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B60S 1/16**

(11) **WO 01/72563** (13) A1

(21) PCT/DE00/04552

(22) **20 Dec/déc 2000 (20.12.2000)**

(25) de (26) de

(30) 100 14 735.6 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ELECTROMOTOR, ESPECIALLY WIPER MOTOR FOR WIPING THE GLASS SURFACE OF A MOTOR VEHICLE

● MOTEUR ELECTRIQUE, NOTAMMENT MOTEUR D'ESSUIE-GLACE PERMETTANT D'ESSUYER UNE VITRE D'AUTOMOBILE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postbox 30 02 20, 70442 Stuttgart (DE).

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(72, 75) **GRASS, Ansgar** [DE/DE]; Ahornweg 4, 77746 Schutterwald-Langhurst (DE).

(81) CZ JP KR US.

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

(51)⁷ **B60S 1/34**

(11) **WO 01/72564** (13) A1

(21) PCT/DE01/01017

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 15 065.9 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● WIPER ARM FOR A WINDSCREEN WIPER

● BRAS DE MONTURE D'ESSUIE-GLACE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70422 Stuttgart (DE).

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

(72, 75) **KRAUS, Achim** [DE/DE]; Riegelhofweg 6a, 77815 Buehl (DE). **MAYER, Stephan** [DE/DE]; Jollystrasse 39, 76137 Karlsruhe (DE).

(81) BR JP KR US.

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

(51)⁷ **B60T 7/04**

(11) **WO 01/72565** (13) A1

(21) PCT/EP01/03352

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 15 237.6 **27 Mar/mar 2000 DE (27.03.2000)**

(30) 100 16 683.0 **4 Apr/avr 2000 DE (04.04.2000)**

(30) 100 27 552.4 **2 Jun/juin 2000 DE (02.06.2000)**

(30) 100 60 498.6 **6 Dec/déc 2000 DE (06.12.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR DETECTING AN EMERGENCY BRAKING SITUATION OR A SUSPECTED EMERGENCY BRAKING SITUATION OF A VEHICLE

● PROCEDE DE DETECTION D'UNE SITUATION DE FREINAGE D'URGENCE OU DE LA PRESOMPTION D'UNE SITUATION DE FREINAGE D'URGENCE D'UN VEHICULE

(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) **RIETH, Peter** [DE/DE]; Keilstrasse 3, 65343 Eltville (DE). **ECKERT, Alfred** [DE/DE]; Lion-Feuchtwanger-Strasse 137, 55129 Mainz-Hechtsheim (DE). **BAYER, Ronald** [DE/DE]; Antstrasse 4, 63165 Mühlheim/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 7/04**

(11) **WO 01/72566** (13) A2

(21) PCT/EP01/03356

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 15 231.7 **27 Mar/mar 2000 DE (27.03.2000)**

(30) 100 15 232.5 **27 Mar/mar 2000 DE (27.03.2000)**

(30) 100 39 238.5 **11 Aug/août 2000 DE (11.08.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● OPERATING UNIT FOR AN ELECTROHYDRAULIC BRAKING SYSTEM

● UNITE D'ACTIONNEMENT POUR SYSTEME DE FREINAGE ELECTROHYDRAULIQUE

(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) **DROTT, Peter** [DE/DE]; Am Kunzengarten 43, 65936 Frankfurt/Main (DE). **KRAMER, Horst** [DE/DE]; Lia-Wöhr-Weg 8, 65462 Ginsheim-Gustavsburg (DE). **KRANLICH, Holger** [DE/DE]; Jahnstrasse 13, 61184 Karben (DE). **HOFFMANN, Jan** [DE/US]; 3160 Fallen Oaks CT#609, Rochester Hills, MI 48309 (US).

(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 8/96, 13/68, 17/22**

(11) **WO 01/72567** (13) A1

(21) PCT/EP01/03419

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 15 226.0 **27 Mar/mar 2000 DE (27.03.2000)**

(30) 101 04 238.8 **31 Jan/jan 2001 DE (31.01.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● BRAKING SYSTEM FOR MOTOR VEHICLES

● SYSTEME DE FREINAGE POUR VEHICULES AUTOMOBILES

(71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestr. 7, 60488 Frankfurt (DE).

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

(72, 75) **DRUMM, Stefan, A.** [DE/DE]; Burgunderstr. 18, 55291 Saulheim (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestr. 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).

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(51)⁷ **B60T 17/22, 13/68**

(11) **WO 01/72568** (13) A1

(21) PCT/EP01/02687

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 15 238.4 **27 Mar/mar 2000 DE (27.03.2000)**

(30) 100 60 225.8 **4 Dec/déc 2000 DE (04.12.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR MONITORING THE EMERGENCY BRAKING CAPABILITY OF AN ELECTROHYDRAULIC BRAKING SYSTEM

● PROCEDE POUR SURVEILLER L'APTITUDE AU FREINAGE D'URGENCE D'UN SYSTEME DE FREINAGE ELECTROHYDRAULIQUE

(71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestr. 7, 60488 Frankfurt (DE).

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

(72, 75) **NIEPALT, Mathias** [DE/DE]; Ritterstrasse 8, 61169 Friedberg (DE). **FACHINGER, Georg** [DE/DE]; Krusmannstr. 10, 65549 Limburg (DE). **KLEIN, Andreas** [DE/DE]; Burgholzhäuserstrasse 1 a, 61352 Bad Homburg (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestr. 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).

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(51)⁷ B62D

(11) WO 01/72569 (13) A2

(21) PCT/DE01/01136

(22) 23 Mar/mar 2001 (23.03.2001)

(25) de (26) de

(30) 100 14 837.9 24 Mar/mar 2000 DE (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VEHICLE BODY BASE AND A PLAT-FORM SYSTEM

• FOND DE CAISSE D'UN VEHICULE ET SYSTEME DE PLATE-FORME

(71) ADAM OPEL AG [DE/DE]; Patentwesen / 80-34, 65423 Rüsselsheim (DE).

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

(72, 75) BRAND, John [GB/DE]; Paul-Hessemer-Strasse 4 a, 65428 Rüsselsheim (DE). BECHTOLD, Ralf-Dieter [DE/DE]; An der Wormser Strasse 6, 55278 Weinolsheim (DE). GÖRG, Christian, Andreas [DE/DE]; Erbacher Strasse 1, 65343 Eltville (DE). HOFFMANN, Georg [DE/DE]; Stelzer Strasse 46, 55286 Wörrstadt (DE). ANDERS, Michael [DE/DE]; Kniebisstrasse 22/1, 71106 Magstadt (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ B62D 1/06, B32B 7/12, B41M 3/12

(11) WO 01/72570 (13) A1

(21) PCT/KR01/00483

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 2000/15289 25 Mar/mar 2000 KR (25.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LIQUID PRESSURE TRANSFER PRINTING METHOD FOR STEERING WHEEL RIM OF AUTOMOBILE

• PROCEDE D'IMPRESSION TRANSFERT PAR PRESSION DANS UN LIQUIDE POUR LA JANTE DE VOLANT D'UNE AUTOMOBILE

(71, 72) CHO, Youn-Soo [KR/KR]; 504-201 Hyojachon 301, Seohyun-dong, Bundang-gu, Seongnam-city, Kyungki-do 463-050 (KR).

(74) LEE, Young-Pil; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ B62D 5/04, 6/00 // 101:00, 113:00, 119:00, 121:00, 153:00

(11) WO 01/72571 (13) A2

(21) PCT/EP01/03354

(22) 23 Mar/mar 2001 (23.03.2001)

(25) de (26) de

(30) 100 15 233.3 27 Mar/mar 2000 DE (27.03.2000)

(30) 100 51 968.7 20 Oct/oct 2000 DE (20.10.2000)

(30) 100 51 969.5 20 Oct/oct 2000 DE (20.10.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VEHICLE STEERING SYSTEM AND AXLE GUIDE MODULE FOR A VEHICLE STEERING SYSTEM

• DIRECTION DE VEHICULE ET MODULE DE DIRECTION POUR DIRECTION DE VEHICULE

(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) RIETH, Peter [DE/DE]; Keilstrasse 3, 65343 Eltville (DE). ECKERT, Alfred [DE/DE]; Lion-Feuchtwanger Strasse 137, 55129 Mainz-Hechtsheim (DE). DRUMM, Stefan, A. [DE/DE]; Burgunderstrasse 18, 55291 Saulheim (DE). BÖHM, Jürgen [DE/DE]; Im Bangert 8, 65558 Oberneisen (DE). JUNGBECKER, Johann [DE/DE]; Hauptstrasse 60, 55576 Badenheim (DE). SCHWARZ, Ralf [DE/DE]; In der Aue 30g, 69118 Heidelberg (DE). HOFFMANN, Oliver [DE/DE]; Schlossstrasse 116, 60486 Frankfurt (DE). NELL, Joachim [DE/DE]; Gustav-Hoch-Strasse 35, 63452 Hanau (DE). LINKENBACH, Steffen [DE/DE]; Lahnweg 14, 65760 Eschborn (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 B62D 17/00

(11) WO 01/72572 (13) A2

(21) PCT/EP01/03399

(22) 26 Mar/mar 2001 (26.03.2001)

(25) fr (26) fr

(30) 00/03929 27 Mar/mar 2000 FR (27.03.2000)

(30) 01/01180 23 Jan/jan 2001 FR (23.01.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WHEEL SUPPORTING DEVICE AND SUSPENSION DEVICE COMPRISING SAME

• DISPOSITIF DE SUPPORT D'UNE ROUE ET DISPOSITIF DE SUSPENSION COMPRENANT LEDIT DISPOSITIF DE SUPPORT

(71) SOCIETE DE TECHNOLOGIE MICHELIN [FR/FR]; 23, rue Breschet, F-63000 Clermont-Ferrand Cedex 09 (FR).

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

(71) MICHELIN RECHERCHE ET TECHNIQUE S.A. [CH/CH]; 10-12, route Louis Braille, CH-1763 Granges-Paccot (CH).

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

(72, 75) SERRA, Loïc [FR/FR]; Rue des Garaudes, F-63450 Tallende (FR). TETAZ, Christian [FR/FR]; Rue du Montel, F-63450 St. Amand Tallende (FR).

(74) BAUVIR, Jacques; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ B62D 37/02, 25/18

(11) WO 01/72573 (13) A1

(21) PCT/IB01/00204

(22) 16 Feb/fév 2001 (16.02.2001)

(25) fr (26) fr

(30) 00106813.9 30 Mar/mar 2000 EP (30.03.2000)

(30) PCT/IB00/00612 10 May/mai 2000 IB (10.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AERODYNAMIC STABILIZER FOR MOTOR VEHICLE

• STABILISATEUR AERODYNAMIQUE POUR VEHICULE AUTOMOBILE

(71, 72) BRULHART, Yvan [CH/CH]; 59, route Suisse, CH-1295 Mies (CH).

(74) MICHELI & CIE; 122, rue de Genève, Case postale 61, CH-1226 Thônex (CH).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B62K 15/00, 25/30, 19/34**

(11) **WO 01/72574** (13) A1

(21) PCT/SK01/00007

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) sk (26) en

(30) PV 0460-2000 **29 Mar/mar 2000 SK (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UNIVERSAL JOINT OF A WHEEL SWING ARM

• JOINT UNIVERSEL DE BRAS OSCILLANTS DE ROUE

(71, 72) **MIKŠÍK, Pavel, P.** [SK/SK]; Záhradnícka 8, 811 08 Bratislava (SK).

(74) **HOLOUBKOVÁ, Mária**; Patent and Trademark Agency, Radlinského 9, 812 37 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B62K 15/00**

(11) **WO 01/72575** (13) A1

(21) PCT/US01/09713

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,644 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TRANSFORMABLE BICYCLE APPARATUS

• BICYCLETTE TRANSFORMABLE

(71, 72) **SMITH, Zachariah** [US/US]; 3490 J Street, Wheat Ridge, CO 80033 (US).

(74) **GOETZ, Kenneth, D.** et al. / etc.; Lathrop & Gage, LC, 2345 Grand Boulevard, Suite 2800, Kansas City, MO 64108 (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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B62K 25/02**

(11) **WO 01/72576** (13) A1

(21) PCT/IT01/00135

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) GE2000A000051 **29 Mar/mar 2000 IT (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTI-PURPOSE CONNECTION, PARTICULARLY FOR THE CONNECTION OF A TELESCOPIC FORK TO THE HUB OF A BICYCLE WHEEL

• RACCORD POLYVALENT, DESTINE NOTAMMENT AU RACCORD D'UNE FOURCHE TELESCOPIQUE SUR LE MOYEU D'UNE ROUE DE BICYCLETTE

(71) **MARZOCCHI-S.P.A.** [IT/IT]; Via Grazia, 2, E-40069 Zola Predosa (IT).

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

(72, 75) **VIGNOCCHI, Loris** [IT/IT]; Via Romita, 3, I-40069 Zola Predosa (IT). **MUSIANI, Sandro** [IT/IT]; Via Medelana, 69, I-40043 Marzabotto (IT).

(74) **BALDI, Claudio**; Piazza Ghislieri, 3, I-60035 Jesi (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B62M 1/08**

(11) **WO 01/72577** (13) A1

(21) PCT/RU01/00114

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ru (26) ru

(30) 2000107103 **24 Mar/mar 2000 RU (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BICYCLE

• BICYCLETTE

(71, 72) **RAZUMOV, Anatoly Ivanovich** [RU/RU]; ul. Krasnaya, 25-5, st. Kuschevskaya, Krasnodarsky krai, 352000 (RU).

(74) **POPOV, Andrei Sergeevich**; Sredny Kislovsky per., 7/10-26, Moscow, 103009 (RU).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **B62M 3/00, B62K 15/00**

(11) **WO 01/72578** (13) A1

(21) PCT/SK01/00006

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) sk (26) en

(30) PV 0461-2000 **29 Mar/mar 2000 SK (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CRANK AXLE UNIT FOR A BICYCLE

• UNITE AXE A MANIVELLE D'UNE BICYCLETTE

(71, 72) **MIKŠÍK, Pavel, P.** [SK/SK]; Záhradnícka 8, 811 08 Bratislava (SK).

(74) **HOLOUBKOVÁ, Mária**; Patent and Trade Mark Agency, Radlinského 9, 812 37 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B63B 7/08**

(11) **WO 01/72579** (13) A1

(21) PCT/EP01/03110

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) BZ2000A000018 **24 Mar/mar 2000 IT (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BOAT THAT CAN BE EQUIPPED WITH ELEMENTS OF AN INFLATABLE BOAT

• BATEAU POUVANT ETRE MUNI D'ELEMENTS DE CANOT PNEUMATIQUE

(71) **SINNOVA SRL** [IT/IT]; Via Scena, 6, I-39012 Merano (IT).

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

(72, 75) **SINN, Jul** [IT/IT]; Via Scena, 6, I-39012 Merano (IT). **SINN, Norman** [IT/IT]; Via S. Giorgio, 30/a, I-39012 Merano (IT).

(74) **OBERSLER, Ludwig**; Obersler SaS, Via Dante, 20/A - CP 307, I-39100 Bolzano (IT).

(81) CA US.

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

(51)⁷ **B63B 27/30 // 21/50**
(11) **WO 01/72580** (13) A1
(21) PCT/NO01/00139
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) no (26) en
(30) 20001666 **30 Mar/mar 2000 NO (30.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR POSITIONING OF A SHIP
• DISPOSITIF DE POSITIONNEMENT D'UN NAVIRE

(71) **LUND, MOHR & GLÆVER-ENGER MARIN AS** [NO/NO]; Solheimsgaten 9c, N-5037 Solheimsviken-Bergen (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KJERSEM, Geir** [NO/NO]; Våkleiva 124, N-5155 Bønes (NO). **BRINGEDAL, Torbjørn** [NO/NO]; Haugsdalsveien 145, N-5229 Kalandseid (NO).

(74) **AS BERGEN PATENTKONTOR;** C. Sundstgt. 36, N-5004 Bergen (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B63B 29/04**
(11) **WO 01/72581** (13) A1
(21) PCT/FR01/00875
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) fr (26) fr
(30) 00/03857 **27 Mar/mar 2000 FR (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SUPPORT-PLATE ASSEMBLY FOR A BOAT
• ENSEMBLE PLATEAU-SUPPORT POUR NAVIRE

(71) **CHANTIERS BENETEAU S.A.** [FR/FR]; Z.I. des Mares, F-85270 Saint Hilaire de Riez (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHALAIN, François** [FR/FR]; 16, boulevard Maréchal de Lattre de Tassigny, F-85800 Saint-Gilles Croix de Vie (FR).

(74) **RINUY, SANTARELLI;** 14, avenue de la Grande Armée, B.P. 237, F-75822 Paris Cedex 17 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **B63B 35/00, E02B 17/00**
(11) **WO 01/72582** (13) A1
(21) PCT/NL01/00262
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 1014786 **29 Mar/mar 2000 NL (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR LIFTING A SEAGOING CONSTRUCTION SUCH AS A DRILLING RIG, PROVIDED WITH LIFTING MEMBERS RUNNING MUTUALLY PARALLEL

• DISPOSITIF DE LEVAGE D'UNE STRUCTURE MARITIME, NOTAMMENT UN APPAREIL DE FORAGE, POURVU D'ELEMENTS DE LEVAGE PARALLELES

(71) **EXCALIBUR ENGINEERING B.V.** [NL/NL]; Poortweg 14, NL-2612 PA Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEENHUIS, André, Luur, Jan** [NL/NL]; Senegalhof 62, NL-2622 CN Delft (NL). **SCHENKEL, Martin, Arie** [NL/NL]; Klaver 4, NL-3155 WG Maasland (NL).

(74) **HOORWEG, Petrus, Nicolaas;** Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

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

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

(51)⁷ **B63B 35/44, B63C 11/48**
(11) **WO 01/72583** (13) A1
(21) PCT/EP01/03462
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) de (26) de
(30) 100 15 990.7 **31 Mar/mar 2000 DE (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FLOATING BODY
• CORPS FLOTTANT

(71, 72) **WIPPERMANN, Gerhard** [DE/DE]; Roermonder Strasse 117, 41068 Mönchengladbach (DE).

(74) **GRUNDMANN, Dirk et al.** / etc.; c/o Rieder & Partner, Corneliusstrasse 45, 42329 Wuppertal (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ **B63C 11/22, A62B 9/00**
(11) **WO 01/72584** (13) A1
(21) PCT/EP00/02768
(22) **29 Mar/mar 2000 (29.03.2000)**
(25) de (26) de
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SECURITY DEVICE FOR A GAS SUPPLY DEVICE, ESPECIALLY A COMPRESSED AIR SUPPLY DEVICE, AND THE USE OF SAID SECURITY DEVICE FOR CONFIGURING A SECURITY FITTING

• DISPOSITIF DE SECURITE POUR SYSTEME D'ALIMENTATION EN GAZ, NOTAMMENT D'AIR COMPRIME, ET UTILISATION DE CE DISPOSITIF POUR LA REALISATION D'UN RACCORD DE SECURITE

(71, 72) **STOFFER, Norbert** [DE/DE]; Vinkenbergl 11, D-59269 Beckum (DE). **NORDHORN, Martin** [DE/DE]; Schubertstrasse 35, D-59302 Oelde (DE).

(74) **SOLF, Alexander;** Solf & Zapf, Candidplatz 15, D-81543 München (DE).

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

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

(51)⁷ **B63H 9/06, B62B 15/00**
(11) **WO 01/72585** (13) A1
(21) PCT/AU00/00272
(22) **31 Mar/mar 2000 (31.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • WINGED SAILING CRAFT
• ENGIN DE NAVIGATION A VOILURE

(71, 72) **MACONOCHE, Douglas** [AU/TH]; Apt 6c, "Shanti Sadan", 28 Soi 59, Sukhumvit Road, Klongtoey, 10110 Bangkok (TH).

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

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

(51)⁷ **B63H 23/30, F16H 61/02, F16D 48/06**

(11) **WO 01/72586** (13) A1

(21) PCT/DE01/01142

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 14 768.2 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MARINE GEAR AND A METHOD FOR PREVENTING A DROP IN MOTOR SPEED WHEN ENGAGING A MULTI-PLATE CLUTCH

• BOITE DE VITESSES DE BATEAU ET PROCEDE POUR EVITER LA CHUTE DE REGIME DU MOTEUR LORS DE L'ENCLenchement D'UN EMBRAYAGE A DISQUES MULTIPLES

(71) **REINTJES GMBH** [DE/DE]; Eugen-Reintjes-Strasse 7, 31785 Hameln (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAUS, Jürgen** [DE/DE]; Wiesenhang 2, 37619 Hehlen (DE). **LUX, Hans-Harald** [DE/DE]; Hoher Weg 16, 37620 Halle (DE).

(74) **THÖMEN, Uwe** et al. / etc.; Zeppelinstrasse 5, 30175 Hannover (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).

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(51)⁷ **B63H 25/46, 25/10**

(11) **WO 01/72587** (13) A2

(21) PCT/US01/08399

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/538,565 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF VESSEL PROPULSION WITH COORDINATED BOW PROPULSION

• TECHNIQUE DE PROPULSION D'UN BATEAU AVEC PROPULSION DE PROUE COORDONNEE

(71) **POWER VENT TECHNOLOGIES, INC.** [US/US]; 2615 N.E. 5th Avenue, Pompano Beach, FL 33064 (US).

(72) **GRUENWALD, David, J.**; 5897 Harbour South, Butte des Monts, WI 54927 (US).

(74) **SLAVIN, Michael, A.** et al. / etc.; McHale & Slavin, P.A., 4400 PGA Blvd. Suite 402, Palm Beach Gardens, FL 33410 (US).

(81) AE AU BR CA CN CO DM IN JP KP MX NO NZ TR ZA.

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

(51)⁷ **B64B 1/26**

(11) **WO 01/72588** (13) A1

(21) PCT/DE01/01235

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 15 338.0 **28 Mar/mar 2000 DE (28.03.2000)**

(30) 101 13 029.5 **17 Mar/mar 2001 DE (17.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GUIDABLE AIRSHIP WITH A NOZZLE-SHAPED HOLLOW BODY

• DIRIGEABLE ORIENTABLE COMPRESSANT UN CORPS CREUX EN FORME DE BUSE

(71) **GLOBALPATENT CONSULTING GMBH** [DE/DE]; Am Hirschwechsel 10a, 13503 Berlin (DE). **GRIMM, Friedrich** [DE/DE]; Züricher Strasse 18, 70376 Stuttgart (DE).

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

(72, 75) **GRIMM, Friedrich** [DE/DE]; Züricher Strasse 18, 70376 Stuttgart (DE).

(74) **GLOBALPATENT CONSULTING GMBH**; Am Hirschwechsel 10a, 13503 Berlin (DE).

(81) JP RU US.

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

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(51)⁷ **B65B 69/00**

(11) **WO 01/72589** (13) A1

(21) PCT/GB01/01250

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007471.6 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR REMOVING TABLETS FROM BLISTER PACKS

• PROCEDE ET DISPOSITIF D'ENLEVEMENT DE COMPRIMES A PARTIR DE PLAQUETTES

(71, 72) **FENN, David, John** [GB/GB]; 7 Burton Road, Ticknall, Derbyshire, DE73 1JG (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 EE ES FI GB GD GE GH GM HR

HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B65D**

(11) **WO 01/72590** (13) A2

(21) PCT/IB01/00662

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/536,731 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RECESS ARRANGEMENT FOR BLISTER PACK

• ÉVIDEMENT POUR EMBALLAGE-COQUE

(71) **PROCTER & GAMBLE INTERNATIONAL OPERATIONS AG** [CH/CH]; 47, route de Saint-Georges, CH-1213 Petit-Lancy 1 (CH).

(72) **BLAUSTEIN, Lawrence, A.**; 30 Creekview Circle, Moreland Hills, OH 44022 (US). **OSHER, John**; 65 Quail Hollow Drive, Moreland Hills, OH 44022 (US). **NOTTINGHAM, John, R.**; 38075 Fairmont Boulevard, Hunting Valley, OH 44022 (US). **SPIRK, John, W.**; 7890 Brigham Road, Gates Mills, OH 44040 (US).

(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 MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **B65D 1/10, B29C 49/00**

(11) **WO 01/72591** (13) A1

(21) PCT/RU01/00022

(22) **22 Jan/jan 2001 (22.01.2001)**

(25) ru (26) ru

(30) 2000107071 **24 Mar/mar 2000 RU (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FOOD CAN AND METHOD FOR PRODUCING SAID CAN

• БОЦАЛ ПОУР АЛИМЕНТС ЕТ ПРОЦЕДЕ ДЕ ФАБРИКАЦИОН

(71) **OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIJU "VODOLEI 2001"** [RU/RU]; ul. Cheljuskinskaya, 12-1, Moscow, 129336 (RU).

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

(72, 75) **SIROTKIN, Alexandr Petrovich** [RU/RU]; ul. Marshala Birjuzova, 35-1-50, Moscow, 123060 (RU). **AGAFONOV, Boris Evgenievich** [RU/RU]; Universitetsky pr-t, 5-58, Moscow, 117296 (RU).

(74) **SCHELOKOVA, Ljudmila Ivanovna**; Balaklavsky pr-t, 12-3-36, Moscow, 113639 (RU).

(81) DE PL US.

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

(51)⁷ **B65D 5/493, 25/04**

(11) **WO 01/72592** (13) A1

(21) PCT/US01/10437

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/539,160 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UNITARY MULTI-CELL PARTITION AND CARTON OR TRAY CONTAINING THE SAME AND METHOD

• SEPARATION MONOBLOC FORMANT PLUSIEURS CELLULES, ET CARTON OU PLATEAU CONTENANT LADITE SEPARATION

(71) **REGALE CORPORATION** [US/US]; 2545 Napa Valley Corporate Drive, Napa, CA 94558 (US).

(72) **GALE, Gregory, W.**; 3380 Atlas Peak Road, Napa, CA 94558 (US).

(74) **HOHBACH, Harold, C.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AU BR CA CN JP MX.

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

Published / Publiée : (b)

(51)⁷ **B65D 19/00, 19/44, B60P 3/07, B62D 65/18**

(11) **WO 01/72593** (13) A1

(21) PCT/FI01/00256

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) fi (26) en

(30) 20000618 **16 Mar/mar 2000 FI (16.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR TRANSPORTING CARS

• PROCEDE ET DISPOSITIF DE TRANSPORT D'AUTOMOBILES

(71) **PERMAR OY** [FI/FI]; Martinlaaksontie 42 D 16, FIN-01620 Vantaa (FI).
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(72, 75) **RAPELI, Pekka, E.** [FI/FI]; Martinlaaksontie 42 D 16, FIN-01620 Vantaa (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65D 23/00**

(11) **WO 01/72594** (13) A1

(21) PCT/US01/08628

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/537,285 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CLIP-ON BOTTLE
• BOUTEILLE ENCLIQUETABLE

(71, 72) **TERRANA, Frank, P.** [US/US]; 213 Terrace Place, New Milford, NJ 07640 (US).
TERRANA, Antonio [US/US]; 130 Overlook Avenue, Apt. #15-G, Hackensack, NJ 07601 (US).

(74) **EPSTEIN, Robert, H.**; Epstein, Edell, Shapiro & Finnan, LLC, Suite 400, 1901 Research Boulevard, Rockville, MD 20850 (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 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65D 33/28, B65F 1/00**

(11) **WO 01/72595** (13) A1

(21) PCT/US00/08065

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ELASTIC TOP DRAWSTRING BAG AND METHOD OF MANUFACTURING THE SAME

• SAC FERME PAR CORDONNET, A SOMMET ELASTIQUE, ET SON PROCEDE DE FABRICATION

(71) **PACTIV CORPORATION** [US/US]; 1900 W. Field Court, Lake Forest, IL 60045 (US).

(72) **BELIAS, William, P.**; 58 Wenham Lane, Pittsford, NY 14534 (US).
GUELLI, Catherine, E.; 15 Shelwood Drive, Rochester, NY 14614 (US).
GLD, Lawrence, J., Sr.; 2888 Freshour Road, Canandaigua, NY 14424 (US).

(74) **COOLLEY, Ronald** et al. / etc.; Suite 3200, 1445 Ross Avenue, Dallas, TX 75202-2799 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **B65D 49/04, 49/00, 49/02**

(11) **WO 01/72596** (13) A1

(21) PCT/IT00/00108

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) it (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BOTTLE CLOSURE HANDLED AS A SINGLE UNIT

• BOUCHON DE BOUTEILLE MANIPULE COMME UN ENSEMBLE UNITAIRE

(71) **GUALA CLOSURES S.p.A.** [IT/IT]; Via S. Giovanni Bosco, 53/55, I-15100 Alessandria (IT).
(only for / seulement pour US)

(72, 75) **BATTEGAZZORE, Piero** [IT/IT]; Via G. Galilei, 74, I-15100 Alessandria (IT).

(74) **PERANI, Aurelio** et al. / etc.; Jacobacci & Perani S.p.A., Via Senato, 8, I-20121 Milano (IT).

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

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

(51)⁷ **B65D 51/16**

(11) **WO 01/72597** (13) A1

(21) PCT/EP01/03554

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) fr (26) fr

(30) 00400850.4 **28 Mar/mar 2000 EP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CLOSURE DEVICE FOR CONTAINER
• DISPOSITIF DE FERMETURE POUR RECIPIENT

(71) **L & M SERVICES B.V.** [NL/NL]; P. Cornelisz Hoofdstraat 150, NL-1071 CG Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAGNER, Armand** [LU/LU]; 41, rue Général Patton, L-4277 Esch/Alzette (LU).

(74) **BUSNEL, Jean-Benoît** 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 EE ES FI GB GD GE GH GM HR

HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **B65D 61/00**

(11) **WO 01/72598** (13) A2

(21) PCT/HR01/00009

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) en (26) en

(30) P20000176A **28 Mar/mar 2000 HR**
(**28.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • PROMOTIVE-DECORATIVE FREE-
STANDING PROFILED PACKAGE
• CONDITIONNEMENT PROFILE AU-
TOPORTANT DECORATIF PROMO-
TIONNEL

(71, 72) **GOLUB, Predrag** [HR/HR]; Stepinčeva
87, 21000 Split (HR).

(74) **DIATUS**; Poljicka cesta 31, 21000 Split
(HR).

(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 NO NZ PL RO SG SI SK TR
TT UA US UZ VN YU ZA.

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

(51)⁷ **B65D 71/00**

(11) **WO 01/72599** (13) A2

(21) PCT/US01/09383

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007148.0 **24 Mar/mar 2000 GB**
(**24.03.2000**)

(30) 0019589.1 **10 Aug/août 2000 GB**
(**10.08.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • ARTICLE CARRIER AND BLANK
• SUPPORT D'ARTICLE ET EBAUCHE

(71) **THE MEAD CORPORATION** [US/US];
Legal Dept., Courthouse Plaza, N.E., Dayton,
OH 45463 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **AUCLAIR, Jean-Michel** [FR/FR]; 230,
route de Chatellerault, F-36000 Chateauroux
(FR).

(74) **SUZUKI, Tsugihiko** et al. / etc.; The Mead
Corporation, 4850D North Church Lane,
Smyrna, GA 30080 (US).

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

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

(51)⁷ **B65D 71/50**

(11) **WO 01/72600** (13) A1

(21) PCT/DE01/01045

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 200 05 528.3 **29 Mar/mar 2000 DE**
(**29.03.2000**)

(30) 200 10 646.5 **21 Jun/juin 2000 DE**
(**21.06.2000**)

(30) 200 19 323.6 **14 Nov/nov 2000 DE**
(**14.11.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • DEVICE FOR TRANSPORTING BOT-
TLES THAT ARE COMBINED TO
FORM A PACK

- DISPOSITIF POUR LE TRANSPORT DE
BOUEILLES RASSEMBLEES DE MA-
NIERE A FORMER UN PACK

(71) **FRANZ DELBROUCK GMBH** [DE/DE];
Bieberkamp 51-59, 58710 Menden (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **DELBROUCK, Klaus** [DE/DE]; Franz-
Liszt-Strasse 6, 50825 Köln (DE).

(74) **KÖCHLING, Conrad-Joachim**; Fleyer
Strasse 135, 58097 Hagen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

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(51)⁷ **B65D 79/02, G01K 11/06**

(11) **WO 01/72601** (13) A1

(21) PCT/SE01/00650

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) sv (26) en

(30) 0001069-4 **27 Mar/mar 2000 SE**
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • PACKAGE FOR KEEPING GOODS
IN A TEMPERATURE-DECREASED,

PRESERVATIVE STATE AND A TEM-
PERATURE INDICATOR THEREFOR

- PAQUET PERMETTANT DE GAR-
DER DES MARCHANDISES DANS UN
ETAT DE CONSERVATION A TEM-
PERATURE REDUITE ET INDICATEUR
DE TEMPERATURE UTILISE

(71, 72) **NORRBY, Henry** [SE/SE]; Öjevågen
69, S-820 40 Järvsö (SE). **NYGÅRDH, Mats**
[SE/SE]; Myra 2289 A, S-820 40 Järvsö (SE).

(74) **JOHANSSON, Lars**; Lars Johansson
Patentbyrå AB, Box 68, S-801 02 Gävle
(SE).

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

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

(51)⁷ **B65D 81/32**

(11) **WO 01/72602** (13) A2

(21) PCT/IL01/00278

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 135274 **27 Mar/mar 2000 IL**
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • SHAVING CREAM DISPENSERS
• DISTRIBUTEURS DE CREME A RA-
SER

(71, 72) **NIR, Eliyahu** [IL/IL]; Zommerstein
Street 4, 42446 Netania (IL).

(74) **FREIMANN, Daniel**; P.O. Box 29814, Na-
halat Benjamin Street 52, 61297 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B65D 83/00, C09J 201/00**

(11) **WO 01/72603** (13) A1

(21) PCT/JP01/02801

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-94848 **30 Mar/mar 2000 JP**
(**30.03.2000**)

(30) 2000-285390 **20 Sep/sep 2000 JP**
(**20.09.2000**)

(30) 2000-285392 **20 Sep/sep 2000** JP
(20.09.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SOLID-INCHING CONTAINER
● RECIPIENT POUR SOLIDE BOUGEANT MM PAR MM

(71) **MITSUBISHI PENCIL KABUSHIKI KAISHA** [JP/JP]; 23-37, Higashi Ohi 5-chome, Shinagawa-ku, Tokyo 140-8537 (JP).
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(72, 75) **OSADA, Takahiro** [JP/JP]; 2263-5, Kaminote, Tamamura-machi, Sawa-gun, Gunma 370-1127 (JP). **OBA, Shigeki** [JP/JP]; 219-1, Tatsuishishinden, Fujioka-shi, Gunma 375-0003 (JP).

(74) **FUJIMOTO, Eisuke** et al. / etc.; Fujimoto Patent & Law Office, Room 317, Sanno Grand Building 3F, 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(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 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 ZA ZW.

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

(51)⁷ B65D 83/00

(11) **WO 01/72604** (13) A2

(21) PCT/US01/09873

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/538,090 **29 Mar/mar 2000** US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● FLUID DISPENSERS
● DISTRIBUTEURS DE LIQUIDES

(63) US 09/538,090 (CON)
29 Mar/mar 2000 (29.03.2000)

(71) **THE GILLETTE COMPANY** [US/US]; Prudential Tower Building, Boston, MA 02199 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETTIT, Robert, G.** [US/US]; 25 Christopher Drive, Grafton, MA 01519 (US).

(74) **HANDELMAN, Joseph, H.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ B65D 83/04, 85/42

(11) **WO 01/72605** (13) A1

(21) PCT/US01/08960

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/537,447 **27 Mar/mar 2000** US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CONTAINERS FOR INDIVIDUAL DOSES OF AN INHALABLE PHARMACEUTICAL

● RECIPIENTS POUR DOSES INDIVIDUELLES D'UN PRODUIT PHARMACEUTIQUE INHALABLE

(71) **DURA PHARMACEUTICALS, INC.** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US).
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(72, 75) **GIESCHEN, Andy** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **DAVIES, Karen** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **EISELE, Robert** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **GREENSPAN, Bernard** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **WITHAM, Clyde** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **LIGOTKE, Michael** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **NEWMAN, James** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **GANEM, Charles** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **CHEN, Jeffrey** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **CAMERON, Allan** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US). **WARD, Gary** [US/US]; 7475 Lusk Boulevard, San Diego, CA 92121-4204 (US).

(74) **OHRINER, Kenneth, H.**; Lyon & Lyon, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ B65D 85/10, 5/72

(11) **WO 01/72606** (13) A1

(21) PCT/IB01/00487

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) BO2000A000179 **31 Mar/mar 2000** IT
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A RIGID WRAPPER FOR A PLURALITY OF PACKETS OF CIGARETTES
● EMBALLAGE RIGIDE POUVANT ENVELOPPER PLUSIEURS PAQUETS DE CIGARETTES

(71) **G.D. S.P.A.** [IT/IT]; Via Pomponia, 10, I-40133 Bologna (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BORIANI, Silvano** [IT/IT]; Via Varolio, 17, I-40133 Bologna (IT). **DRAGHETTI, Fiorenzo** [IT/IT]; Via San Donino, 506, I-40059 Medicina (IT).

(74) **BIANCIARDI, Ezio** et al. / etc.; Bugnion S.p.A., Via Goito, 18, I-40126 Bologna (IT).

(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 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 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 GW ML MR NE SN TD TG).

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(51)⁷ B65F

(11) **WO 01/72607** (13) A2

(21) PCT/CA01/00393

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/534,619 **27 Mar/mar 2000** US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CONTAINER BODY FOR RECYCLABLE REFUSE COLLECTION VEHICLE
● CORPS DE CONTENEUR POUR VEHICULE DE COLLECTE DE DECHETS RECYCLABLES

(71) **MARKLAND, INC.** [CA/CA]; 649, rue Auguste-Mondoux, Aylmer, Quebec J9H 5E1 (CA).

(72) **DURON, Alain**; 86 Chemin Belle Terre, Chelsea, Quebec J9B 155 (CA).

(74) **HENDRY, Robert, G.** et al. / etc.; Shapiro Cohen, P.O. Box 3440, STn. D, Ottawa, Ontario K1P 6P1 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

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désignations

(v) for all designations / pour toutes les
désignations

(51)⁷ **B65F 1/14**

(11) **WO 01/72608** (13) A1

(21) PCT/EP01/01847

(22) **19 Feb/fév 2001 (19.02.2001)**

(25) de (26) de

(30) 100 14 762.3 **24 Mar/mar 2000** DE
(**24.03.2000**)

(30) 100 55 657.4 **10 Nov/nov 2000** DE
(**10.11.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DUSTBIN AND A DUSTBIN SYSTEM
• RECIPIENT A ORDURES ET SYSTEME
Y RELATIF

(71, 72) **STUFF, Walter** [DE/DE]; Im Gewer-
begebiet 16, 57368 Lennestadt-Elspe (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 CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ **B65F 1/14, 3/00**

(11) **WO 01/72609** (13) A2

(21) PCT/IB01/00449

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) it (26) en

(30) MO2000A000060 **29 Mar/mar 2000** IT
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM FOR SELECTIVELY COL-
LECTING SOLID URBAN WASTE
• SYSTEME DE RAMASSAGE SELEC-
TIF DE DECHETS URBAINS SOLIDES

(71, 72) **BARBARO, Filippo** [IT/IT]; Via Tra-
bocchetto, 1, n. 7, I-89100 Reggio Calabria
(IT).

(74) **CRUGNOLA, Pietro**; Luppi & Crugnola
S.r.l., Viale Corassori 54, I-41100 Modena
(IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B65F 3/20**

(11) **WO 01/72610** (13) A1

(21) PCT/FR01/00893

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) fr (26) fr

(30) 00/03794 **24 Mar/mar 2000** FR
(**24.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR LOADING WASTE MA-
TERIALS INTO A CAISSON, SKIP
AND DUMP TRUCK EQUIPPED WITH
SAME
• DISPOSITIF DE CHARGEMENT DE
DECHETS DANS UN CAISSON,
BENNE ET CAMION A BENNE
EQUIPES DU DISPOSITIF

(71, 72) **DRAGHICI-FOULON, Cornel**
[FR/FR]; 21, rue des Oiseaux, F-17138
Puilboreau (FR).

(74) **CABINET BARRE LAFORGUE & AS-
SOCIES**; 95, rue des Amidonniers, F-31000
Toulouse (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **B65F 5/00, B09B 5/00**

(11) **WO 01/72611** (13) A1

(21) PCT/JP01/02730

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-092786 **30 Mar/mar 2000** JP
(**30.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RESOURCES/WASTES COLLECTION
SYSTEM AND RESOURCES/WASTES
COLLECTION METHOD
• SYSTEME ET TECHNIQUE DE COL-
LECTE DE RESSOURCES/DECHETS

(71, 72) **IZUHARA, Atsushi** [JP/JP]; 3-15-26,
Tachibana-cho, Amagasaki-shi, Hyogo
661-0025 (JP).

(74) **KITAMURA, Koji**; K.KITAMURA
PATENT OFFICE, 7-2-1009, Minami-ogi-
machi, Kita-Ku, Osaka-shi, Osaka 530-0052
(JP).

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

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

(51)⁷ **B65G 1/00, 1/04, 1/06, A61J 3/00, B65G
47/84**

(11) **WO 01/72612** (13) A1

(21) PCT/JP01/02386

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000/88631 **28 Mar/mar 2000** JP
(**28.03.2000**)

(30) 2000/274053 **8 Sep/sep 2000** JP
(**08.09.2000**)

(30) 2000/348566 **15 Nov/nov 2000** JP
(**15.11.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INJECTION DRUG FEEDING DEVICE
• DISPOSITIF DE DISTRIBUTION DE
MEDICAMENTS INJECTABLES

(71) **YUYAMA MFG. CO., LTD.** [JP/JP]; 3-1,
Meishinguchi 3-chome, Toyonaka-shi, Osaka
561-0841 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **YUYAMA, Shoji** [JP/JP]; c/o Yuyama
Mfg. Co., Ltd., 3-1, Meishinguchi 3-chome,
Toyonaka-shi, Osaka 561-0841 (JP). **KO-
DAMA, Tsuyoshi** [JP/JP]; c/o Yuyama Mfg.
Co., Ltd., 3-1, Meishinguchi 3-chome,
Toyonaka-shi, Osaka 561-0841 (JP). **SHIGEYAMA, Yasuhiro** [JP/JP]; c/o
Yuyama Mfg. Co., Ltd., 3-1, Meishinguchi
3-chome, Toyonaka-shi, Osaka 561-0841
(JP). **AMATSU, Toshihiro** [JP/JP]; c/o
Yuyama Mfg. Co., Ltd., 3-1, Meishinguchi
3-chome, Toyonaka-shi, Osaka 561-0841
(JP). **YOSHINA, Katsunori** [JP/JP]; c/o
Yuyama Mfg. Co., Ltd., 3-1, Meishinguchi
3-chome, Toyonaka-shi, Osaka 561-0841
(JP). **HIRAYA, Tetsuo** [JP/JP]; c/o Yuyama
Mfg. Co., Ltd., 3-1, Meishinguchi 3-chome,
Toyonaka-shi, Osaka 561-0841 (JP). **SAITO,
Ayumu** [JP/JP]; c/o Yuyama Mfg. Co.,
Ltd., 3-1, Meishinguchi 3-chome, Toyon-
aka-shi, Osaka 561-0841 (JP). **KITAKURA,
Takahiro** [JP/JP]; c/o Yuyama Mfg. Co.,
Ltd., 3-1, Meishinguchi 3-chome, Toyon-
aka-shi, Osaka 561-0841 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; Aoyama
& Partners, IMP Building, 3-7, Shiromi
1-chome, Chuo-ku, Osaka-shi, Osaka
540-0001 (JP).

(81) CA JP KR US.

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

(51)⁷ **B65G 13/12, A22C 25/04**
(11) **WO 01/72613** (13) A1
(21) PCT/IS01/00007
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 5421 **28 Mar/mar 2000 IS (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR RECEIVING AND DELIVERING OF COMPUTER-GRADED OBLONG OBJECTS
• PROCEDE ET APPAREIL PERMETTANT DE RECEVOIR ET D'ACHEMINER DES OBJETS OBLONGS CALIBRES PAR ORDINATEUR

(71, 72) **SIGTRYGGSSON, Thrainn** [IS/IS]; Thverholti 24, IS-105 Reykjavik (IS).

(74) **FAKTOR PATENTBUREAU EHF.**; P.O. Box 678, IS-121 Reykjavik (IS).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B65G 15/40, 19/02, 47/28**
(11) **WO 01/72614** (13) A1
(21) PCT/NO01/00138
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) en (26) en
(30) 20001695 **31 Mar/mar 2000 NO (31.03.2000)**
(30) 20001696 **31 Mar/mar 2000 NO (31.03.2000)**
(30) 20001697 **31 Mar/mar 2000 NO (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS FOR THE CONVEYING, LIFTING AND SORTING OF ARTICLES
• APPAREILS POUR LE TRANSPORT, L'ENLEVEMENT ET LE TRI D'ARTICLES

(71) **TOMRA SYSTEMS ASA** [NO/NO]; Drengsrudhagen 2, N-1385 Asker (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TVINNEREIM, Per, Kåre** [NO/NO]; Heggesnaret 16A, N-1344 Haslum (NO).
EVENSEN, Stig, Finstad [NO/NO]; Rundtom 95, N-1385 Asker (NO).
JØRGENSEN, Øivind [NO/NO]; N-3490 Klokkearstua (NO).

(74) **LANGFELDT, Jens, F., C.**; Bryns Zacco 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **B65G 15/60**
(11) **WO 01/72615** (13) A1
(21) PCT/US01/40387
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/193,029 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ENCLOSED TRACK CONVEYOR CHAIN ASSEMBLY
• ENSEMBLE CHAINE DE TRANSPORT A PISTE EN CAISSON

(71, 72) **HOFFMANN, Frank, F.** [US/US]; 2501 Clinton Avenue, St. Clair, MI 48079 (US).
HOFFMANN, Arnold [US/US]; 274 Longford, Rochester, MI 48309 (US).
HOFFMANN, Richard, W. [—/US]; 1865 Bird Road, Ortonville, MI 48462 (US).

(72) **THURBER, William, E., Jr.**; 275 Oxford Drive, Cotuit, MA 02635 (US).
SOMERVILLE, Richard; 334 Keene Street, Duxbury, MA 02332 (US).

(74) **HOFFMANN, Richard, W.**; Warn, Burgess & Hoffmann, PC, Suite B125, 691 North Squirrel Road, Auburn Hills, MI 48326 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ **B65G 47/14, 47/252**
(11) **WO 01/72616** (13) A1
(21) PCT/ES01/00129
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) es (26) es
(30) PCT/ES00/00119 **31 Mar/mar 2000 ES (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AUTOMATIC LINEAR MACHINE FOR ORIENTING AND ALIGNING ARTICLES
• MACHINE LINEAIRE AUTOMATIQUE PERMETTANT D'ORIENTER ET D'ALIGNER DES ARTICLES

(71, 72) **MARTI SALA, Jaime** [ES/ES]; c/Emancipació, 8, E-08017 Barcelona (ES).

(74) **MANRESA VAL, Manuel**; Rambla Catalunya, 32, E-08007 Barcelona (ES).

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

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

(51)⁷ **B65G 47/24, 47/252**
(11) **WO 01/72617** (13) A1
(21) PCT/ES00/00119
(22) **31 Mar/mar 2000 (31.03.2000)**
(25) es (26) es
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AUTOMATIC LINEAR MACHINE FOR ORIENTING AND ALIGNING ARTICLES
• MACHINE LINEAIRE AUTOMATIQUE PERMETTANT D'ORIENTER ET D'ALIGNER DES ARTICLES

(71, 72) **MARTI SALA, Jaime** [ES/ES]; Calle Emancipació, 8, E-08017 Barcelona (ES).

(74) **MANRESA VAL, Manuel**; Calle Girona, 34, E-08010 Barcelona (ES).

(81) US.

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

(51)⁷ **B65G 49/07**
(11) **WO 01/72618** (13) A1
(21) PCT/US01/10509
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 60/193,063 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR PROCESSING SEMICONDUCTOR WAFERS
• PROCEDE ET DISPOSITIF DE TRAITEMENT DE TRANCHES A SEMI-CONDUCTEURS

(71) **LEBAR TECHNOLOGY, INC.** [US/US]; 1168 Aster Avenue, Suite M, Sunnyvale, CA 94086 (US).

(72) **LEBAR, Tony**; 2681 Estalla Drive, Santa Clara, CA 95051 (US).
LIE, Han, K.; 5968 Bowen Court, San Jose, CA 95123 (US).
RHEE, Hyop, S.; 13078 Via Escuela Court, Saratoga, CA 95070 (US).
MCOMBER, Janice, I.; 466 Summit Drive, Redwood City, CA 94062 (US).

(74) **WRIGHT, Edward, S.** et al. / etc.; Flehr Hobbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187 (US).

(81) JP KR.

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

(51)⁷ **B65G 61/00, G06F 17/60**

(11) **WO 01/72619** (13) A1

(21) PCT/JP01/02453

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000/89295 **28 Mar/mar 2000 JP (28.03.2000)**

(30) 2001/84402 **23 Mar/mar 2001 JP (23.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● RETURNABLE CONTAINER PHYSICAL DISTRIBUTION MANAGEMENT SYSTEM USING INFORMATION SYSTEM

● SYSTEME INFORMATIQUE DE GESTION DE CONTENEURS REUTILISABLES

(71) **YUSHIN SYSTEM CO., LTD.** [JP/JP]; 18, Agebacho 2-Chome, Shinjuku-Ku, Tokyo 162-0824 (JP).

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

(72, 75) **OKAMURA, Kousaku** [JP/JP]; 397-2-206, Higashi-Onaricho 2-Chome, Omiya-Shi, Saitama 330-0037 (JP). **NAKABAYASHI, Yasuo** [JP/JP]; 11-5, Aoyamada 2-Chome, Tarumi-Ku, Kobe-Shi, Hyogo 655-0873 (JP). **NAKAGAMI, Yasuhiro** [JP/JP]; 10-1, Kobayashi-Daimonshita 1-Chome, Inzai-Shi, Chiba 270-1316 (JP).

(74) **AGATA, Yuuzo**; 13-5, Akasaka 2-Chome, Minato-Ku, Tokyo 107-0052 (JP).

(81) US.

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

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(51)⁷ **B65H 19/30**

(11) **WO 01/72620** (13) A1

(21) PCT/IT01/00145

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) FI2000A000079 **28 Mar/mar 2000 IT (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● REWINDING MACHINE AND METHOD FOR WINDING UP ROLLS OF WEBLIKE MATERIAL ON EXTRACTABLE MANDRELS

● REBOBINEUSE ET PROCEDE DE BOBINAGE DE ROULEAUX DE MATIERE FILAMENTEUSE SUR DES MANDRINS AMOVIBLES

(71) **FABIO PERINI S.P.A.** [IT/IT]; Via per Mugnano, 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). **BENVENUTI, Angelo** [IT/IT]; Via del Chiasso, 327, I-55100 Lucca (IT). **MORELLI, Roberto** [IT/IT]; Via della Chiesa, 889, I-55056 S. Maria a Colle (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ **B66B 1/18**

(11) **WO 01/72621** (13) A1

(21) PCT/CH01/00205

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 00106767.7 **29 Mar/mar 2000 EP (29.03.2000)**

(30) 00106768.5 **29 Mar/mar 2000 EP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● TARGETED CALL CONTROL FOR LIFTS

● COMMANDE D'APPEL CIBLE POUR ASCENSEURS

(71) **INVENTIO AG** [CH/CH]; Seestrasse 55, Postfach, CH-6052 Hergiswil (CH).

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

(72, 75) **KOEHLER, Jana** [DE/CH]; Kreuzbuchrain 8, CH-6006 Luzern (CH). **SCHUSTER, Kilian** [CH/CH]; Sonnegg 13, CH-6275 Ballwil (CH).

(74) **INVENTIO AG**; Seestrasse 55, Postfach, CH-6052 Hergiswil (CH).

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

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

(51)⁷ **B66B 1/18**

(11) **WO 01/72622** (13) A1

(21) PCT/JP00/01964

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ELEVATOR GROUP MANAGEMENT CONTROL DEVICE

● DISPOSITIF DE COMMANDE DE GESTION D'UN GROUPE D'ASCENSEURS

(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) **HIKITA, Shiro** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., Kokusai Building, 8th floor, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP KR US.

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

(51)⁷ **B66B 3/00, 1/34**

(11) **WO 01/72623** (13) A1

(21) PCT/JP00/01914

(22) **28 Mar/mar 2000 (28.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● GROUP CONTROL SYSTEM FOR ELEVATORS

● SYSTEME DE COMMANDE DE GROUPE POUR ASCENSEURS

(71) **MITSUBISHI DENKI KABUSHIKI KAISHA** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

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(72, 75) **MASUDA, Toshio** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., 8th floor, Kokusai Building, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(81) CN JP KR US.

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

(51)⁷ **B66C 23/693**

(11) **WO 01/72624** (13) A1

(21) PCT/US01/09959

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,518 **28 Mar/mar 2000 US (28.03.2000)**

(30) 60/268,182 **13 Feb/fév 2001 US (13.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● TELESCOPING BOOM

● GRUE A FLECHE TELESCOPIQUE

(71, 72) **HIGGINS, David, J.** [US/US]; 715 Mt. Zion Road NE, Resaca, GA 30735 (US).

(74) **MOYLES, Lisa, J.** et al. / etc.; Kilpatrick Stockton, LLP, 2400 Monarch Tower, 3424 Peachtree Road NE, Atlanta, GA 30362 (US).

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

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

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

Published / Publiée : (c)

(51)⁷ **B66D 1/44, 1/50, F15B 11/042, 13/04**

(11) **WO 01/72625** (13) A1

(21) PCT/DE01/00207

(22) **18 Jan/jan 2001 (18.01.2001)**

(25) de (26) de

(30) 100 14 811.5 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HYDRAULIC WINCH CONTROL

• COMMANDE DE TREUIL HYDRAULIQUE

(71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3 - 5, 97816 Lohr (DE).

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(72, 75) **HUNSCHÉDE, Karlheinz** [DE/DE]; Ulrich-Willer-Strasse 22, 97828 Markttheidenfeld (DE).

(74) **POLTE, Willi**; Winter, Brandl, FÜRniss, Hübner, Röss, Kaiser, Pol, te Partnerschaft, Bavariaring 10, 80336 München (DE) et al. / etc.

(81) JP KR NO US.

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

(51)⁷ **B66D 3/14**

(11) **WO 01/72626** (13) A1

(21) PCT/JP01/02361

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-086445 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HOISTING AND TOWING DEVICE

• DISPOSITIF DE LEVAGE ET DE REMORQUAGE

(71) **KITO CORPORATION** [JP/JP]; 2000, Tsuijjarai, Showa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP).

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(72, 75) **NAKAMURA, Takayoshi** [JP/JP]; c/o Kito Corporation, 2000, Tsuijjarai, Showa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP). **OSANO, Akira** [JP/JP]; c/o Kito Corporation, 2000, Tsuijjarai, Showa-cho, Nakakoma-gun, Yamanashi 409-3853 (JP).

(74) **OKAZAKI, Kenshu**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).

(81) AU CA CN KR US ZA.

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

(51)⁷ **B66F 3/12**

(11) **WO 01/72627** (13) A1

(21) PCT/EP01/00630

(22) **20 Jan/jan 2001 (20.01.2001)**

(25) de (26) de

(30) 100 14 767.4 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • JACK

• CRIC

(71) **KRUPP BILSTEIN GMBH** [DE/DE]; August-Bilstein-Strasse 4, 58256 Ennepetal (DE).

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(72, 75) **ALTEN, Ferdinand** [DE/DE]; Im Wiesengrund 5, 54429 Mandern (DE).

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

(51)⁷ **B67D 1/08**

(11) **WO 01/72628** (13) A2

(21) PCT/US01/40346

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/537,607 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MODULAR BEVERAGE DISPENSER

• DISTRIBUTEUR DE BOISSONS MODULAIRE

(71) **THE COCA-COLA COMPANY** [US/US]; One Coca-Cola Plaza, N.W., Atlanta, GA 30313 (US).

(72) **CREDLE, William, S., Jr.**; 1763 East Gate Trail, Stone Mountain, GA 30087 (US).

(74) **WARREN, Daniel, J.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **B67D 1/08**

(11) **WO 01/72629** (13) A2

(21) PCT/US01/09030

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/536,595 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FLEXIBLY ORIENTED ICE DISPENSER

• DISTRIBUTEUR DE GLACE A ORIENTATION FLEXIBLE

(71) **THE COCA-COLA COMPANY** [US/US]; One Coca-Cola Plaza, NW, Atlanta, GA 30313 (US).

(72) **JALEEL, Ehab**; 439 Calhoun Street, N.W., Atlanta, GA 30318 (US). **JABLONSKI, Thaddeus, M.**; 243 Richards Drive, Palatine, IL 60067 (US).

(74) **WARREN, Daniel, J.** et al. / etc.; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, GA 30309-3996 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **B67D 3/00**

(11) **WO 01/72630** (13) A1

(21) PCT/US01/40038

(22) **5 Feb/fév 2001 (05.02.2001)**

(25) en (26) en

(30) 09/535,338 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS AND METHOD FOR VARIABLY RESTRICTING FLOW IN A PRESSURIZED DISPENSING SYSTEM

• DISPOSITIF ET PROCEDE SERVANT A LIMITER LE DEBIT DE FAÇON VARIABLE DANS UN SYSTEME DE DISTRIBUTION SOUS PRESSION

(71) **QUOIN INDUSTRIAL, INC.** [US/US]; 401 Violet Street, Golden, CO 80401 (US).

(72) **LANE, Michael, L.**; 6909 Parfet Street, Arvada, CO 80004 (US). **GEMMELL, James, R.**; 36 Dunstable Road, Toddington, Bedfordshire, England LU5 6DR (GB).

(74) **GOODWIN, Michael, A.** et al. / etc.; Klaas, Law, O'Meara & Malkin, P.C., Suite 2225, 1999 Broadway, Denver, CO 80202 (US).

(81) AU CA JP.

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

(51)⁷ **B81C 1/00, B81B 3/00**

(11) **WO 01/72631** (13) A1

(21) PCT/US01/09461

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/192,144 **24 Mar/mar 2000 US (24.03.2000)**

(30) 09/712,420 **13 Nov/nov 2000** US
(13.11.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FABRICATION AND CONTROLLED RELEASE OF STRUCTURES USING ETCH-STOP TRENCHES

• FABRICATION ET LIBERATION CONTROLLEE DE STRUCTURES METTANT EN APPLICATION DES TRANCHÉES D'ARRÊT DE GRAVURE

(71) **ONIX MICROSYSTEMS, INC.** [US/US]; 4138 Lakeside Drive, Richmond, CA 94806 (US).

(72) **DANEMAN, Michael, J.**; 443 Gateway Drive, Pacifica, CA 94044 (US). **BEHIN, Behrang**; 2427 Hilgard Avenue, Berkeley, CA 94709 (US).

(74) **RITCHIE, David, B.** et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **C01B**

(11) **WO 01/72632** (13) A2

(21) PCT/US01/10007

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/538,424 **29 Mar/mar 2000** US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTI-STAGE COMBUSTION FOR FUEL PROCESSING FOR USE WITH FUEL CELL

• COMBUSTION MULTI-ETAGE PERMETTANT DE TRAITER UN COMBUSTIBLE UTILISE DANS UNE PILE A COMBUSTIBLE

(71) **UOP LLC** [US/US]; 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).
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(72, 75) **SENETAR, John, Joseph** [US/US]; c/o UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). **TOWLER, Gavin, P.** [US/US]; c/o UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US). **HARNESS, John, Robert** [US/US]; c/o UOP LLC, 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

(74) **UOP LLC**; 25 East Algonquin Road, Des Plaines, IL 60017-5017 (US).

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

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C01B 3/58, A61L 9/00**

(11) **WO 01/72633** (13) A1

(21) PCT/ES00/00117

(22) **31 Mar/mar 2000 (31.03.2000)**

(25) es (26) es

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM FOR CONTROLLING AND ELIMINATING HYDROGEN

• SYSTEME DE CONTROLE ET D'ELIMINATION D'HYDROGENE

(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) **FURKASOV, Dimitri** [RU/ES]; Carbonero y Sol, 30, E-28006 Madrid (ES).

KALINNIKOV, Alexander [RU/ES]; Carbonero y Sol, 30, E-28006 Madrid (ES).

BORONOV, Garri [RU/ES]; Carbonero y Sol, 30, E-28006 Madrid (ES).

BLACH BIZOSO, Ricardo [ES/ES]; Carbonero y Sol, 30, E-28006 Madrid (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 21, E-28014 Madrid (ES).

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

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

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

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(51)⁷ **C01B 33/18, F27D 17/00**

(11) **WO 01/72634** (13) A1

(21) PCT/FR01/00912

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) fr (26) fr

(30) 00/03902 **28 Mar/mar 2000** FR
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR RECUPERATING THERMAL ENERGY OF GASES OF AN ELECTROMETALLURGICAL FURNACE AND USE FOR MAKING SILICA POWDER

• PROCEDE DE RECUPERATION DE L'ENERGIE THERMIQUE DES GAZ

D'UN FOUR D'ELECTROMETALLURGIE ET APPLICATION A LA FABRICATION DE POUDRE DE SILICE

(71) **PECHINEY ELECTROMETALLURGIE** [FR/FR]; Tour Manhattant, 6, place de l'Iris, La Défense 2, F-92400 Courbevoie (FR).
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(72, 75) **ALARY, Jean-André** [FR/FR]; 359, chemin du Lagnin, Quartier Malassagne, F-84800 L'Isle sur la Sorgue (FR).

(74) **MOUGEOT, Jean-Claude**; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (FR).

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

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

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(51)⁷ **C01B 39/04, 39/48**

(11) **WO 01/72635** (13) A1

(21) PCT/ES01/00122

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) es (26) es

(30) P 200000787 **28 Mar/mar 2000** ES
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR PREPARING MIXED POROUS OXIDES, MATERIALS THUS OBTAINED AND THE USES THEREOF

• PROCEDE DE PREPARATION D'OXYDES MIXTES POREUX, MATIERES AINSI OBTENUES ET LEURS UTILISATIONS

(71) **UNIVERSITAT DE VALENCIA** [ES/ES]; c/ L'antiga Senda de Senent 11, E-46023 Valencia (ES).

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(72, 75) **AMOROS DEL TORO, Pedro, José** [ES/ES]; Dr. Manuel Candela, 2 - 26, E-46021 Valencia (ES).

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BELTRAN PORTER, Daniel [ES/ES]; Calle 15 95B, La Cañada, E-46182 Paterna (ES).

CABRERA MEDINA, Saul [BO/BO]; C/Boquerón 1778, Barrio de San Pedro, La Paz (BO).

EL HASKOURI, Jamal [MA/MA]; Rue Harroun Rachid, N° 31, Souani, 9000 Tanger (MA).

MARCOS MARTINEZ, M., Dolores [ES/ES]; C/Fran-

cisco Gil, 16, E-66133 Meliana (ES).

(74) **MALDONADO JORDAN, Julia**; Linares, 7-3°, E-46018 Valencia (ES).

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

MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

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

(51)⁷ C01C 3/08

(11) WO 01/72636 (13) A1

(21) PCT/US01/10105

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,358 27 Mar/mar 2000 US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD OF CYANIDE SALT PRO-
DUCTION

● PROCEDE DE PRODUCTION DE CYA-
NURE

(71, 72) RAY, Michael, F. [US/US]; 3811
Swarthmore, Houston, TX 77005 (US).
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(74) DOUGHTY, Susan, K. et al. / etc.; Green-
lee, Winner and Sullivan, P.C., Suite 201,
5370 Manhattan Circle, Boulder, CO 80303
(US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

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(51)⁷ C02F

(11) WO 01/72637 (13) A2

(21) PCT/DE01/00950

(22) 14 Mar/mar 2001 (14.03.2001)

(25) de (26) de

(30) 100 14 833.6 24 Mar/mar 2000 DE
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR THE TREATMENT OF
MECHANICALLY ORGANICALLY
AND/OR BIOLOGICALLY CONTAMI-
NATED WATER

● PROCEDE DE TRAITEMENT D'EAU
POLLUEES PAR VOIE MECANIQUE,
ORGANIQUE ET/OU BIOLOGIQUE

(71) LUWATEC GMBH, LUFT-UND
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(for all designated States except / pour tous
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(72, 75) FISCHER, Friedrich [DE/DE]; Am
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(74) SCHINKE, Herbert; Postfach 11 11, 06234
Leuna (DE).

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

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

(51)⁷ C02F 1/04, 1/14

(11) WO 01/72638 (13) A1

(21) PCT/JP01/02785

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-96834 31 Mar/mar 2000 JP
(31.03.2000)

(30) 2000-96835 31 Mar/mar 2000 JP
(31.03.2000)

(30) 2000-96836 31 Mar/mar 2000 JP
(31.03.2000)

(30) 2000-96838 31 Mar/mar 2000 JP
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DESALINATION DEVICE

● DISPOSITIF DE DESSALEMENT

(71) EBARA CORPORATION [JP/JP]; 11-1,
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(72, 75) NARASAKI, Yuzo [JP/JP]; 2-113,
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Kanagawa 240-0004 (JP). KAMIYA, Ichiro
[JP/JP]; 1-1-18, Minamioi, Shinagawa-ku,
Tokyo 140-0013 (JP). INOUE, Naoyuki
[JP/JP]; 1-13-28, Hase, Kamakura-shi,
Kanagawa 248-0016 (JP). IRIE, Kiichi
[JP/JP]; 925-2, Kurami, Samukawa-machi,
Kouza-gun, Kanagawa 253-0101 (JP).
TOKUMARU, Toru [JP/JP]; 1-18-8-103,
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(JP). UCHIMURA, Tomoyuki [JP/JP];
1-9-2, Inari, Fujisawa-shi, Kanagawa
251-0862 (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ C02F 1/14, 1/04, B01D 1/00, G05B 11/18

(11) WO 01/72639 (13) A1

(21) PCT/JP01/02784

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-96837 31 Mar/mar 2000 JP
(31.03.2000)

(30) 2000-96839 31 Mar/mar 2000 JP
(31.03.2000)

(30) 2000-96840 31 Mar/mar 2000 JP
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● WATER DESALTING APPARATUS

● APPAREIL DE DESALINISATION

(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) NARASAKI, Yuzo [JP/JP]; 2-113,
Iwama-cho, Hodogaya-ku, Yokohama-shi,
Kanagawa 240-0004 (JP). KAMIYA, Ichiro
[JP/JP]; 1-1-18, Minamioi, Shinagawa-ku,
Tokyo 140-0013 (JP). INOUE, Naoyuki
[JP/JP]; 1-13-28, Hase, Kamakura-shi,
Kanagawa 248-0016 (JP). IRIE, Kiichi
[JP/JP]; 925-2, Kurami, Samukawa-machi,
Kouza-gun, Kanagawa 253-0101 (JP).
TOKUMARU, Toru [JP/JP]; 1-18-8-103,
Zengyou, Fujisawa-shi, Kanagawa 251-0871
(JP). UCHIMURA, Tomoyuki [JP/JP];
1-9-2, Inari, Fujisawa-shi, Kanagawa
251-0862 (JP). SATO, Motoyasu [JP/JP];
2-8-36, Iizuka, Kawaguchi-shi, Saitama
332-0023 (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 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 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 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 GW ML MR
NE SN TD TG).

(51)⁷ C02F 1/46, 1/78

(11) WO 01/72640 (13) A1

(21) PCT/KR00/00288

(22) 30 Mar/mar 2000 (30.03.2000)

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● WATER PURIFICATION SYSTEM AND
METHOD

● SYSTEME ET PROCEDE DE PURIFI-
CATION DE L'EAU

(71, 72) CHO, Moon-Ki [KR/KR]; 45-6, Nam-
san-dong 2-Ga, Joong-ku, Seoul 100-042
(KR).

- (72, 75) **KANG, Han-Young** [KR/KR]; Plaza Apt., 6-202, Anyang-dong, 762-2, Manan-ku, Anyang-si 430-010, Kyungki-do (KR).
- (74) **KIM, Won-Ho**; Teheran Building, 7h floor, 825-33, Yoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ **C02F 1/461**
- (11) **WO 01/72641** (13) A1
- (21) PCT/EP00/02725
- (22) **28 Mar/mar 2000 (28.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR REDUCING AN ELECTROLYTE CONTAINING NITRIC ACID
- PROCEDE ET APPAREIL PERMETTANT DE REDUIRE UN ELECTROLYTE CONTENANT DE L'ACIDE NITREUX
- (71) **SCK.CEN** [BE/BE]; Avenue Hermann Debroux 40-42, B-1160 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAHIER, André, Henri, Alain, Joseph** [BE/BE]; 21, rue Pachlouw, B-4690 Wonck (BE). **CANTREL, Eric, Laurent, Lionel** [FR/BE]; Boeretang 204/43, B-2400 Mol (BE). **FONTEYNE, Alfons, Frans** [BE/BE]; Fabiolalaan 13, B-2350 Vosselaar (BE). **VAN ALSENOY, Veerle, Harriet, Josepha** [BE/BE]; Laarstraat 83, B-2610 Wilrijk (BE). **SØRENSEN, Anne** [DK/BE]; Boeretang 204/10, B- 2400 Mol (BE). **KLEIN, Michel, Camille, Léon, Ghislain** [BE/BE]; 47, rue Jehoge, B-4190 Xhoris (BE).
- (74) **BIRD, William, E.** et al. / etc.; Bird Goën & Co, Vilvoordsebaan 92, B-3020 Winksele (BE).
- (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **C02F 1/68**
- (11) **WO 01/72642** (13) A1
- (21) PCT/KR01/00490
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 2000/16765 **31 Mar/mar 2000 KR (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SILVER ION-CONTAINING SOLUTION AND USE THEREOF
- SOLUTION CONTENANT DES IONS ARGENT ET UTILISATION DE CELLE-CI
- (71, 72) **JEON, In-soo** [KR/KR]; 103-105 Gochok Daewoo Apt., 296 Gochok 2-dong, Guro-gu, Seoul 152-082 (KR).
- (74) **YOO, Young-dae**; 205 Kicox Venture Center, 188-5 Guro-dong, Guro-gu, Seoul 152-050 (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 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 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C02F 3/12**
- (11) **WO 01/72643** (13) A1
- (21) PCT/JP01/02473
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-86507 **27 Mar/mar 2000 JP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR TREATING WASTE WATER
- PROCEDE ET DISPOSITIF POUR TRAITER DES EAUX USEES
- (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) **KATSU, Yousei** [JP/JP]; 1-10-19-203, Inari, Fujisawa-shi, Kanagawa 251-0862 (JP). **TANAKA, Toshihiro** [JP/JP]; 23-106, Komayose, 5683-12, Oniwa, Fujisawa-shi, Kanagawa 251-0861 (JP).
- (74) **SHAMOTO, Ichio** et al. / etc.; YUASA AND HARA, Section 206, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) CN JP KR SG US.
- (84) EP (BE DE DK ES FI FR GB IT LU NL SE).
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- (51)⁷ **C02F 3/30**
- (11) **WO 01/72644** (13) A1
- (21) PCT/US01/10024
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/193,145 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● NITROGEN REDUCTION WASTEWATER TREATMENT SYSTEM
- SYSTEME D'EPURATION DES EAUX USEES AFIN DE REDUIRE LEUR QUANTITE D'AZOTE
- (71) **ECOKASA INCORPORATED** [US/US]; 14910 Welcome Lane, Houston, TX 77014 (US).
- (72) **TIPTON, Gary, A.**; 14910 Welcome Lane, Houston, TX 77014 (US). **FESSEL, Douglas, E.**; 435 Reed Street, Waterville, MN 56096 (US).
- (74) **FAIRBAIRN, David, R.** et al. / etc.; Kinney & Lange, P.A., Kinney & Lange Building, 312 South Third Street, Minneapolis, MN 55415-1002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C02F 9/00, B01D 65/08, C02F 1/44 // 103/04**
- (11) **WO 01/72645** (13) A1
- (21) PCT/EP01/03320
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) de (26) de
- (30) 100 15 453.0 **29 Mar/mar 2000 DE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND DEVICE FOR PRODUCING ULTRAPURE WATER
- PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE DE L'EAU PURE
- (71) **STEAG ENCOTEC GMBH** [DE/DE]; Rütenscheider Strasse 1-3, 45128 Essen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KEIL, Ulrich** [DE/DE]; Raderfeld 60, 47807 Krefeld (DE). **KÖRNER, Herbert** [DE/DE]; Rebhuhnstrasse 8, 49835 Lohne (DE).
- (81) AE AU CN ID IL IN KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **C02F 11/14, 11/18**
- (11) **WO 01/72646** (13) A1
- (21) PCT/GB01/01239
- (22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en
(30) 0007246.2 **25 Mar/mar 2000** GB
(**25.03.2000**)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • TREATING SEWAGE OR LIKE
SLUDGE
• TRAITEMENT DES EAUX D'EGOUT
OU DE BOUES RESIDUAIRES SIMI-
LAIRES

(71) **R3 MANAGEMENT LIMITED** [GB/GB];
Europa 46, Bird Hall Lane, Stockport,
Cheshire SK3 0XA (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **MILLARD, Robin** [GB/GB]; Green-
ways, Yew Tree Way, Prestbury, Cheshire
SK10 4EX (GB).

(74) **MCNEIGHT, David, Leslie** et al. / etc.; Mc-
Neight & Lawrence, Regent House, Heaton
Lane, Stockport, Cheshire SK4 1BS (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C02F 11/14, 11/18**

(11) **WO 01/72647** (13) A1

(21) PCT/GB01/01257

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0007248.8 **25 Mar/mar 2000** GB
(**25.03.2000**)

(30) 0100683.2 **11 Jan/jan 2001** GB
(**11.01.2001**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESS AND APPARATUS FOR
TREATING SEWAGE OR LIKE
SLUDGE
• PROCEDE ET APPAREIL DE TRAI-
TEMENT DES EAUX USEES OU DE
BOUES SIMILAIRES

(71) **R3 MANAGEMENT LIMITED** [GB/GB];
Europa 46, Bird Hall Lane, Stockport,
Cheshire SK3 0XA (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **MILLARD, Robin** [GB/GB]; Green-
ways, Yew Tree Way, Prestbury, Cheshire
SK10 4EX (GB). **KURTZ, Frederick, H.**
[US/US]; Brown Briar, Van Buren Road,
Morristown, NJ 07960 (US).

(74) **MCNEIGHT, David, Leslie** et al. / etc.; Mc-
Neight & Lawrence, Regent House, Heaton
Lane, Stockport, Cheshire SK4 1BS (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **C03B 37/012, 37/018, 19/14**

(11) **WO 01/72648** (13) A1

(21) PCT/EP00/02651

(22) **25 Mar/mar 2000 (25.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SUBSTRATE TUBE AND PROCESS
FOR PRODUCING A PREFORM FOR
AN OPTICAL FIBER

• TUBE SUBSTRAT ET PROCEDE DE
PRODUCTION D'UNE PREFORME
POUR UNE FIBRE OPTIQUE

(71) **HERAEUS QUARZGLAS GMBH & CO.
KG** [DE/DE]; Quarzstrasse, D-63450 Hanau
(DE). **LUCENT TECHNOLOGIES, INC.**
[US/US]; 600 Mount Avenue, Murray Hill,
NJ 07974-0636 (US).

(72) **SCHAPER, Hartwig**; Haselmühlweg 25,
D-63741 Aschaffenburg (DE). **TREBER,
Nobert**; Liesingstrasse 6, D-63457 Hanau
(DE). **HUMBACH, Oliver**; Zum Kühling
5a, D-63755 Alzenau-Michelbach (DE).
HAKEN, Uwe; 1492 Epping Forest Drive,
Atlanta, GA 30319 (US). **JABLONOWSKI,
Donald, Paul**; 5264 Magnolia Walk Circle,
Dunwoody, GA 30388 (US).

(74) **STAUDT, Armin**; Edith-Stein-Strasse 22,
D-63075 Offenbach (DE).

(81) BR CA CN JP KR RU ZA.

(51)⁷ **C03C 3/06, H01L 21/027, G03F 7/20,
G02B 1/00**

(11) **WO 01/72649** (13) A1

(21) PCT/JP01/02567

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-089108 **28 Mar/mar 2000** JP
(**28.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYNTHETIC QUARTZ GLASS MEM-
BER, PHOTOLITHOGRAPHY APPA-
RATUS, AND METHOD FOR PRODUC-
ING PHOTOLITHOGRAPHY APPARA-
TUS

• ELEMENT DE VERRE DE SILICE SYN-
THETIQUE, APPAREIL DE PHOTOLI-
THOGRAPHIE, ET PROCEDE DE PRO-
DUCTION D'UN APPAREIL DE PHO-
TOLITHOGRAPHIE

(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) **YOSHIDA, Akiko** [JP/JP]; c/o
NIKON CORPORATION, 2-3, Marunouchi
3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
KOMINE, Norio [JP/JP]; c/o NIKON COR-
PORATION, 2-3, Marunouchi 3-chome,

Chiyoda-ku, Tokyo 100-8331 (JP). **JINBO,
Hiroki** [JP/JP]; c/o NIKON CORPORA-
TION, 2-3, Marunouchi 3-chome, Chiyo-
da-ku, Tokyo 100-8331 (JP).

(74) **HASEGAWA, Yoshiaki** et al. / etc.; SOEI
PATENT AND LAW FIRM, Okura-honkan,
6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-
0061 (JP).

(81) CN KR SG US.

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

(51)⁷ **C03C 3/097**

(11) **WO 01/72650** (13) A1

(21) PCT/JP01/02552

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-092273 **29 Mar/mar 2000** JP
(**29.03.2000**)

(30) 2000-246490 **15 Aug/août 2000** JP
(**15.08.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL GLASS AND OPTICAL ELE-
MENT

• VERRE OPTIQUE ET ELEMENT OP-
TIQUE

(71) **KABUSHIKI KAISHA OHARA** [JP/JP];
15-30, Oyama 1-chome, Sagamihara-shi,
Kanagawa 229-1186 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **MORI, Yoshio** [JP/JP]; c/o
KABUSHIKI KAISHA OHARA, 15-30,
Oyama 1-chome, Sagamihara-shi, Kanagawa
229-1186 (JP). **ONOZAWA, Masahiro**
[JP/JP]; c/o KABUSHIKI KAISHA
OHARA, 15-30, Oyama 1-chome,
Sagamihara-shi, Kanagawa 229-1186 (JP).

(74) **ARAFUNE, Hiroshi**; 5F, Nikko Kagurazaka
Bldg., 18, Iwatocho, Shinjuku-ku, Tokyo 162-
0832 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ **C03C 8/02, C04B 41/86**

(11) **WO 01/72651** (13) A1

(21) PCT/ES00/00498

(22) **29 Dec/déc 2000 (29.12.2000)**

(25) es (26) es

(30) P 200000799 **30 Mar/mar 2000** ES
(**30.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FORMULATION AND METHOD FOR
ACHIEVING METALLIC EFFECTS IN
CERAMIC TILES AND THE APPLICA-
TIONS THEREOF

- FORMULATION ET PROCEDE DESTINES A L'OBTENTION D'EFFETS METALLIQUES DANS DES CARREAUX CERAMIQUES ET LEURS APPLICATIONS
- (71) **VIDRES, S.A. - VIDRESA** [ES/ES]; Ctra. Onda, km 3,400, E-12540 Villarreal (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CABRERA IBAÑEZ, M^o José** [ES/ES]; Arrabal del Carmen, 2, E-12540 Villarreal (ES).
- (74) **UNGRIA LOPEZ, Javier**; Avda. Ramón y Cajal, 78, E-28043 Madrid (ES).
- (81) BR CN ID JP MX US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C03C 17/245**
- (11) **WO 01/72652** (13) A1
- (21) PCT/US01/01457
- (22) **17 Jan/jan 2001 (17.01.2001)**
- (25) en (26) en
- (30) 09/534,863 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF FORMING NIOBIUM DOPED TIN OXIDE COATINGS ON GLASS AND COATED GLASS FORMED THEREBY
- PROCEDE DE FORMATION DE REVETEMENTS D'OXYDE D'ETAIN DOPES AU NIOBIUM, ET VERRE AINSI REVEU
- (71) **LIBBEY-OWENS-FORD CO.** [US/US]; 811 Madison Avenue, Toledo, OH 43697 (US). **PILKINGTON PLC** [GB/GB]; Prescott Road, St. Helens, Merseyside WA10 3TT (GB).
- (72) **VARANASI, Srikanth**; Apartment #207, 3102 Carskaddon Avenue, Toledo, OH 43606 (US). **STRICKLER, David, A.**; 2339 Barrington Drive, Toledo, OH 43606 (US). **SANDERSON, Kevin, D.**; 5 Dewberry Fields, Upholland, Wigan, Lancashire WN8 0BQ (GB).
- (74) **SCHURR, Donald, A.** et al. / etc.; Marshall & Melhorn, LLC, 8th Floor, Four SeaGate, Toledo, OH 43604 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C04B 7/147, 28/08, E01C 5/00, E02B 3/14 // (C04B 28/08, 18:14, 18:08, 22:06, 22:14, 22:12, 24:22, 24:26)**
- (11) **WO 01/72653** (13) A1
- (21) PCT/JP01/02150
- (22) **19 Mar/mar 2001 (19.03.2001)**
- (25) ja (26) ja
- (30) 2000-88858 **28 Mar/mar 2000 JP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR PRODUCING HARDENED SLAG PRODUCT
- PROCEDE DE FABRICATION D'UN PRODUIT DE SCORIE DURCI
- (71) **KAWASAKI STEEL CORPORATION** [JP/JP]; 1-28, Kitahonmachidori 1-chome, Chuo-ku, Kobe-shi, Hyogo 651-0075 (JP).
- (72) **MATSUNAGA, Hisahiro**; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **TAKAGI, Masato**; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **KOGIKU, Fumio**; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP). **AIKAWA, Makiko**; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo-ku, Chiba-shi, Chiba 260-0835 (JP).
- (74) **OCHIAI, Kenichiro**; Kawasaki Steel Corporation, Tokyo Head Office, Hibiya Kokusai Bldg., 2-3, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (81) BR CN KR.
-
- (51)⁷ **C04B 7/43, 7/60, F27B 7/20, F27D 13/00**
- (11) **WO 01/72654** (13) A1
- (21) PCT/IB01/00054
- (22) **19 Jan/jan 2001 (19.01.2001)**
- (25) en (26) en
- (30) PA200000531 **30 Mar/mar 2000 DK (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR MANUFACTURING CEMENT CLINKER FROM PARTICULATE CEMENT RAW MATERIAL
- PROCEDE ET APPAREIL DE FABRICATION DE CIMENT NON BROYE A PARTIR DE MATIERES PREMIERES A BASE DE CIMENT PARTICULAIRE
- (71) **FL. SMIDTH & CO A/S** [DK/DK]; Vigerslev Allé 77, DK-2500 Valby (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HUNDEBÖL, Sören** [DK/DK]; Jernbane Allé 21, DK-2720 Vanløse (DK).
- (74) **HYNELLE, Magnus**; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI 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 MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU SD SE SG SI SK SK (Utility model / modèle
- d'utilité) SL TJ TM TR TT TZ UA UG UZ UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C04B 7/47**
- (11) **WO 01/72655** (13) A1
- (21) PCT/IB01/00340
- (22) **9 Mar/mar 2001 (09.03.2001)**
- (25) en (26) en
- (30) 00105996.3 **27 Mar/mar 2000 EP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF PRODUCING STEAM AND CALCINED RAW MEAL
- PROCEDE DE PRODUCTION DE VAPEUR ET DE PRODUIT CRU CALCINE
- (71) **ALSTOM POWER N.V.** [NL/NL]; Hullenbergweg 393-395, NL-1101 CS Amsterdam (NL).
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- (72, 75) **BURDIS, Vassilios** [GR/DE]; Bleichstrasse 7, 35510 Butzbach (DE). **KIETLINSKI, Krzysztof** [PL/PL]; ul. Ratuszowa, PL-82-300 Elblag (PL). **MALFA, Enrico** [IT/IT]; Via Aldo Moro, 35, I-24050 Zanica (IT). **SCHURIAN, Reinhard** [DE/CH]; Schützenhausweg 8, CH-5426 Lengnau (CH). **SRINIVASACHAR, Srivats** [US/US]; 10 Podunk Road, Sturbridge, MA 01566 (US). **STEEGE, Frank** [DE/DE]; Habsburgerstrasse 23, 90475 Nürnberg (DE). **TOQAN, Majed** [US/FR]; 22, avenue Emile Augier, F-78170 La Celle St. Cloud (FR).
- (74) **PÖPPER, Evamaria** et al. / etc.; Alstom (Schweiz) AG, Intellectual Property CHSP, Haselstrasse 16/699/5. OG, CH-5401 Baden (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C04B 7/47**
- (11) **WO 01/72656** (13) A1
- (21) PCT/IB01/00466
- (22) **9 Mar/mar 2001 (09.03.2001)**
- (25) en (26) en
- (30) 00105998.9 **27 Mar/mar 2000 EP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF INCREASING THE CLINKER OUTPUT OF AN EXISTING

CEMENT PLANT AND OF PRODUCING STEAM

- PROCEDE POUR AUGMENTER LA PRODUCTION DE CLINKER DANS UNE CIMENTERIE EXISTANTE ET POUR PRODUIRE DE LA VAPEUR

(71) **ALSTOM POWER N.V.** [NL/NL]; Hullenbergweg 393-395, NL-1101 CS Amsterdam (NL).

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

(72, 75) **BURDIS, Vassilios** [GR/DE]; Bleichstrasse 7, 35510 Butzbach (DE). **MALFA, Enrico** [IT/IT]; Via Aldo Moro, 35, I-24050 Zanica (IT). **SCHURIAN, Reinhard** [DE/CH]; Schützenhausweg 8, CH-5426 Lengnau (CH). **SRINIVASACHAR, Srivats** [US/US]; 10 Podunk Road, Sturbridge, MA 01566 (US). **STEEGE, Frank** [DE/DE]; Habsburgerstrasse 23, 90475 Nürnberg (DE). **TOQAN, Majed** [US/FR]; 22, avenue Emile Augier, F-78170 La Celle St. Cloud (FR).

(74) **PÖPPER, Evamaria**; Alstom (Schweiz) AG, Intellectual Property CHSP, Haselstrasse 16/699/5. OG, CH-5401 Baden (CH).

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

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

(51)⁷ C04B 28/02

(11) **WO 01/72657** (13) A2

(21) PCT/CA01/00415

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,850 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CONDUCTIVE CONCRETE COMPOSITION

- COMPOSITION DE BETON CONDUCTEUR

(71) **NATIONAL RESEARCH COUNCIL OF CANADA** [CA/CA]; 1200 Montreal Road, Ottawa, Ontario K1A 0R6 (CA).

(72) **PYE, Glendon, B.**; 1629 Baie Verte Cres., Orleans, Ontario K1C 3J9 (CA). **MYERS, Robert, E.**; 2144 Grey's Creek Road, Greely, Ontario K1J 7C1 (CA). **ARNOTT, Mark, R.**; 90 Meadowbank Drive, Nepean, Ontario K2G 0P6 (CA). **BEAUDOIN, James, J.**; 591 La Verendrye Drive, Gloucester, Ontario K1J 7C1 (CA). **TUMIDAJSKI, Peter, J.**; 259 Springdale Boulevard, Toronto, Ontario M4C 1Z8 (CA).

(74) **EADES, Norris, M.** 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C04B 28/06, 7/32 // 111:21

(11) **WO 01/72658** (13) A1

(21) PCT/GB01/01301

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007621.6 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NON-EFFLORESCING CEMENTITIOUS BODIES

- CORPS CIMENTERES NON-EFFLORESCENTS

(71) **LAFARGE BRAAS TECHNICAL CENTERS LTD** [GB/GB]; Sussex Manor Business Park, Gatwick Road, Crawley, West Sussex RH10 2NZ (GB). **LAFARGE SA** [FR/FR]; 61, rue des Belles Feuilles, F-7582 Paris Cedex 16 (FR).

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(72, 75) **CONSTANTINOU, Anastasia, George**

[CY/CY]; 9 Euripides Street, Engomi, Nicosia 2413 (CY). **DOW, Colin** [GB/GB]; Westerwood, Drummie Terrace, Golspie, Sutherland KW10 6TA (GB). **FENTIMAN, Charles, Hubert, Rene, Henry** [GB/GB]; Sussex Manor Business Park, Gatwick Road, Crawley, West Sussex RH10 2NZ (GB). **HOY, Mary, Ruth** [GB/GB]; Graylands, Sussex Manor Business Park, Gatwick Road, Crawley, West Sussex RH10 2NZ (GB). **SCRIVENER, Karen, Louise** [GB/FR]; 630, rue du Diot, F-69270 Fontaines St. Martin (FR).

(74) **GAMBELL, Derek**; D Gambell & Co., Melbury House, 34 Southborough Road, Bickley, Kent BR1 2EB (GB).

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

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

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(51)⁷ C04B 35/00, 35/56, H01L 21/027

(11) **WO 01/72659** (13) A1

(21) PCT/JP01/02783

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-99855 **31 Mar/mar 2000 JP (31.03.2000)**

(30) 2000-357467 **24 Nov/nov 2000 JP (24.11.2000)**

(30) 2000-362568 **29 Nov/nov 2000 JP (29.11.2000)**

(30) 2000-368248 **4 Dec/déc 2000 JP (04.12.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR WET FORMING OF POWDER, METHOD FOR PRODUCING POWDER SINTERED COMPACT, POWDERY SINTERED COMPACT, AND APPARATUS USING POWDERY SINTERED COMPACT

- PROCEDE DE FORMATION HUMIDE DE POUDRE, PROCEDE DE PRODUCTION D'UNE POUDRE COMPACTE FRITTEE, PRODUIT COMPACT FRITTE POUDREUX, ET DISPOSITIF D'UTILISATION DE CE PRODUIT COMPACT FRITTE POUDREUX

(71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP).

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

(72, 75) **MATSUMOTO, Akio** [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP). **KAWAKAMI, Akira** [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP). **GOTO, Tatsuya** [JP/JP]; c/o TOTO LTD., 1-1, Nakashima 2-chome, Kokura-kita-ku, Kita-kyushu-shi, Fukuoka 802-8601 (JP).

(74) **KOYAMA, Yuu**; Shuwa Kioicho TBR Bldg., Suite 922, 5-7, Kojimachi, 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 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ C04B 35/10

(11) **WO 01/72660** (13) A1

(21) PCT/JP00/01906

(22) **28 Mar/mar 2000 (28.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CORROSION-RESISTANT ALUMINA MEMBER AND METHOD FOR MANUFACTURING THE SAME, AND LIGHT EMISSION TUBE FOR HIGH-LUMINANCE ELECTRIC-DISCHARGE LAMP

- ELEMENT D'ALUMINE ANTICORROSION, PROCEDE DE FABRICATION D'UN TEL ELEMENT, ET TUBE LUMINEUX POUR LAMPE A DECHARGE ELECTRIQUE HAUTE LUMINANCE

(71) **NGK INSULATORS, LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(72) **KURASHINA, Mitsuru**; NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP). **ASAI, Michio**; NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).

(74) **ISHIDA, Yoshiki** et al. / etc.; No. 5 Ocean Building, 24-2, Aoi 3-chome, Higashi-ku, Nagoya-shi, Aichi 461-0004 (JP).

(81) JP.

(51)⁷ **C04B 35/573, 35/80, 35/628, 41/87, F16B 69/02**

(11) **WO 01/72661** (13) A1

(21) PCT/EP01/02359

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) de (26) de

(30) 100 14 418.7 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FIBRE-REINFORCED STRUCTURAL COMPONENT

• ELEMENT STRUCTURAL RENFORCE PAR DES FIBRES

(71) **DAIMLER CHRYSLER AG** [DE/DE]; Epplestrasse 225, 70567 Stuttgart (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEHR, Thomas** [DE/DE]; Finkenweg 4, 89275 Elchingen (DE). **KURBJUHN, Manfred** [DE/DE]; Konrad-Röntgen-Strasse 31, 89134 Blaustein (DE). **MICHAL, Robert** [DE/DE]; Talstrasse 17, 88433 Schemmerhofen/Albe (DE). **NIESTEGGE, Michael** [DE/DE]; Rulaenderweg 35, 89075 Ulm (DE). **WEISSKOPF, Karl-Ludwig** [DE/DE]; Anemonenweg 4, 73635 Rudersberg (DE).

(74) **BRÜCKNER, Ingo**; DaimlerChrysler AG, Intellectual Property Management, FTP-C 106, D-70546 Stuttgart (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).

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(51)⁷ **C04B 35/58**

(11) **WO 01/72662** (13) A2

(21) PCT/US01/09528

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/192,638 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CERAMIC GUIDE BLOCK AND METHOD OF MANUFACTURE

• GUIDE-LAME CERAMIQUE ET PROCEDE DE FABRICATION CORRESPONDANT

(71, 72) **HYATT, Clifford, D.** [US/US]; 155 Colonial Drive, Auburn, CA 95603 (US).

OSA, Nicholas [US/US]; 4708 Auburn Folsom Road, Loomis, CA 95650 (US).

(74) **HEISLER, Bradley, P.**; Heisler & Associates, Suite 300, 3017 Douglas Boulevard, Roseville, CA 95661 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C04B 38/00**

(11) **WO 01/72663** (13) A2

(21) PCT/US01/10502

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) en (26) en

(30) 60/192,112 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HIGH DENSITY POROUS MATERIALS
• MATERIAUX POREUX DE HAUTE DENSITE

(71, 72) **LYLES, Mark, B.** [US/US]; 9127 Cap Mountain Drive, San Antonio, TX 78255 (US).

(74) **BUNTEL, Christopher, J.**; Baker Botts L.L.P., 910 Louisiana, Houston, TX 77002 (US).

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

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

(51)⁷ **C04B 41/87, A61L 27/30, 27/56**

(11) **WO 01/72664** (13) A1

(21) PCT/EP01/02841

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 15 614.2 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SINTERED SHAPED BODY, WHOSE SURFACE COMPRISES A POROUS LAYER AND A METHOD FOR THE PRODUCTION THEREOF

• CORPUS MOULE FRITTE AVEC COUCHE DE SURFACE POREUSE ET SON PROCEDE DE FABRICATION

(71) **CERAMTEC AG** [DE/DE]; Innovative Ceramic Engineering, Fabrikstrasse 23 - 29, 73207 Plochingen (DE).

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(72, 75) **ROGOWSKI, Dirk** [DE/DE]; Römerstrasse 13, 73061 Ebersbach a. d. Fils (DE).

PFÄFF, Hans-Georg [DE/DE]; Seitenstrasse 8, 73760 Ostfildern (DE). **NAGEL, Alwin** [DE/DE]; Telemannstrasse 14, 73430 Aalen (DE).

(74) **UPPENA, Franz** et al. / etc.; Dynamit Nobel Aktiengesellschaft, Patente, Marken & Lizenzen, 53839 Troisdorf (DE).

(81) CA JP US.

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

(51)⁷ **C05G 3/08, 3/00, C05C 9/00, 3/00**

(11) **WO 01/72665** (13) A1

(21) PCT/IN00/00032

(22) **28 Mar/mar 2000 (28.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FORMULATION USEFUL AS A NITRIFICATION AND UREASE INHIBITOR AND A METHOD OF PRODUCING THE SAME

• FORMULATION UTILISEE COMME INHIBITEUR DE NITRIFICATION ET D'UREASE, ET SON PROCEDE DE PRODUCTION

(71) **COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH** [IN/IN]; An Indian Registered Body Incorporated Under The Registration of Societies Act (Act XXI of 1860), Rafi Marg, New Delhi 110 001 (IN). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PATRA, Dharani, Dhar** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow, U.P. 226 015 (IN). **KIRAN, Usha** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow, U.P. 226 015 (IN). **ANWAR, Mohammed** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow, U.P. 226 015 (IN). **CHAND, Sukhmal** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow, U.P. 226 015 (IN). **KUMAR, Sushil** [IN/IN]; Central Institute of Medicinal and Aromatic Plants, P.O. Cimap, Lucknow, U.P. 226 015 (IN).

(74) **GABRIEL, Devadoss, Calab**; Kumaran & Sagar, 84-c, C-6 Lane, (off. Central Avenue), Sainik Farms, New Delhi 110 062 (IN).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

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(51)⁷ **C06D 5/00, B60R 21/26, C06B 25/00, 21/00**
(11) **WO 01/72666** (13) A1
(21) PCT/JP01/02477
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-87839 **28 Mar/mar 2000 JP (28.03.2000)**
(30) 2001-84097 **23 Mar/mar 2001 JP (23.03.2001)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR PRODUCING GAS GENERATING AGENT
• PROCEDE DE PRODUCTION D'UN AGENT GENERANT DU GAZ
(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) **YAMAMOTO, Akio** [JP/JP]; 500-445, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo 671-1262 (JP). **TAKAHORI, Takeshi** [JP/JP]; 610-1, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo 671-1262 (JP).
(74) **FURUYA, Kaoru** et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (JP).
(81) CN KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C07B 33/00
(11) **WO 01/72667** (13) A2
(21) PCT/EP01/03635
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) fr (26) fr
(30) 00/03991 **29 Mar/mar 2000 FR (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • MODIFYING CHEMOSELECTIVITY DURING OXIDATION OF NITROGEN COMPOUNDS
• MODIFICATION DE LA CHIMIOSELECTIVITE LORS DE L'OXYDATION DE COMPOSES ORGANIQUES AZOTES
(71) **WARNER-LAMBERT COMPANY** [US/US]; 201 Tabor Road, Morris Plains, NJ 07950 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BERNARDELLI, Patrick** [FR/FR]; 146, rue Boucicaut, F-92260 Fontenay-aux-roses (FR).
(74) **DUFRESNE, Guillaume**; Warner-Lambert Company, Parke-Davis Pfizer Global Research & Development Fresnes Laboratories Patent Department, 3-9, rue de la Loge, B.P. 100, F-94265 Fresnes Cedex (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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 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 GW ML MR NE SN TD TG).

(51)⁷ C07B 37/02, C07C 15/24, 43/205, 323/09, 15/14, 15/16
(11) **WO 01/72668** (13) A1
(21) PCT/US01/09335
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 60/191,833 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • PRODUCTION OF ALKYLATED AROMATIC COMPOUNDS USING DEALUMINATED CATALYSTS
• PREPARATION DE COMPOSES AROMATIQUES ALKYLES AU MOYEN DE CATALYSEURS DESALUMINES
(71) **EXXONMOBIL CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-2101 (US).
(72) **TIMKEN, Hye, Kyung**; 710 Pomona Avenue, Albany, CA 94706 (US). **CHESTER, Arthur, W.**; 517 Country Club Road, Cherry Hill, NJ 08003 (US). **ARDITO, Susan**; 1405 Wanamassa Drive, Ocean, NJ 07712 (US). **HAGEMEISTER, M., P.**; 5 Green Meadows Road, Mont Ville, NJ 07045 (US).
(74) **MORENO, Louis, N.** et al. / etc.; ExxonMobil Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ C07C
(11) **WO 01/72669** (13) A2
(21) PCT/NO01/00123
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 0007239.7 **24 Mar/mar 2000 GB (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • USE OF AMINES
• UTILISATION D'AMINES
(71) **NYCOMED IMAGING AS** [NO/NO]; Intellectual Property Dept., Nycoveien 1-2, P.O. Box 4220 Nydalen, N-0401 Oslo (NO).

(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **JUELSRUD, Anne** [NO/NO]; Nycomed Imaging AS, Nycoveien 1-2, P.O. Box 4220 Nydalen, N-0401 Oslo (NO). **BJERKE, Gunn, Ragnhild, Høigaard** [NO/NO]; Nycomed Imaging AS, Nycoveien 1-2, P.O. Box 4220 Nydalen, N-0401 Oslo (NO).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C07C 2/08
(11) **WO 01/72670** (13) A1
(21) PCT/EP01/03262
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) de (26) de
(30) 100 15 002.0 **25 Mar/mar 2000 DE (25.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR PRODUCING OLIGOMERS
• PROCEDE DE PREPARATION D'OLIGOMERES
(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SCHULTZ, Ralf** [DE/DE]; Maulbronner Hof 35, 67346 Speyer (DE). **HEIDEMANN, Thomas** [DE/DE]; Hinter den Gärten 9, 69469 Weinheim (DE). **SCHWAB, Peter** [DE/DE]; Krähöhlenweg 23, 67098 Bad Dürkheim (DE). **ZEHNER, Peter** [DE/DE]; Erich-Kästner-Strasse 15, 67071 Ludwigshafen (DE).
(74) **BASF AKTIENGESELLSCHAFT**; 67056 Ludwigshafen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C07C 5/09, 7/167
(11) **WO 01/72671** (13) A1
(21) PCT/US01/04471
(22) **12 Feb/fév 2001 (12.02.2001)**
(25) en (26) en

- (30) 09/534,279 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PROCESS FOR THE REMOVAL OF MAPD FROM HYDROCARBON STREAMS
• ELIMINATION DE METHYL ACETYLENE ET PROPADIENE (MAPD) DE FLUX D'HYDROCARBURES
- (71) **CATALYTIC DISTILLATION TECHNOLOGIES** [US/US]; 10100 Bay Area Boulevard, Pasadena, TX 77507 (US).
- (72) **STANLEY, Stephen, J.**; 1515 Broad Street, Bloomfield, NJ 07003 (US). **GILDERT, Gary, R.**; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 13/48, 2/86, C09K 5/10**
- (11) **WO 01/72672** (13) A1
- (21) PCT/FR01/00932
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) fr (26) fr
- (30) 00/03946 **29 Mar/mar 2000** FR
(29.03.2000)
- (30) 01/01355 **1 Feb/fév 2001** FR
(01.02.2001)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MONO- AND POLYBENZYL-1,2,3,4-TETRAHYDRONAPHTHALENE COMPOSITIONS, USE OF SAID COMPOSITIONS OR MIXTURE OF MONOBENZYL-1,2,3,4-TETRAHYDRONAPHTHALENE ISOMERS AS HEAT TRANSFER FLUID
• COMPOSITIONS DE MONO- ET POLYBENZYL-1,2,3,4-TETRAHYDRONAPHTHALENES, UTILISATION DES DITES COMPOSITIONS OU D'UN MELANGE D'ISOMERES DU MONOBENZYL-1,2,3,4-TETRAHYDRONAPHTHALENE COMME FLUIDE DE TRANSFERT DE CHALEUR
- (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) **COMMANDEUR, Raymond** [FR/FR]; Le Rocher, Avenue de Vénaria, F-38220 Vizille (FR).
- (74) **POISSON, Pierre**; Atofina, Département Propriété Industrielle, Cours 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 15/27, 13/547, 13/19, 255/51, 15/60, 13/45, C07D 215/06, 285/12, 207/32, 241/42, 333/68, 209/86, 213/06, 223/28, 223/26, 249/02, C09K 11/06, H05B 33/14, 33/22**
- (11) **WO 01/72673** (13) A1
- (21) PCT/JP01/02330
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) ja (26) ja
- (30) 2000/90644 **29 Mar/mar 2000** JP
(29.03.2000)
- (30) 2000/319297 **19 Oct/oct 2000** JP
(19.10.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ANTHRACENE DERIVATIVES AND ORGANIC ELECTROLUMINESCENT DEVICES MADE BY USING THE SAME
• DERIVE D'ANTHRACENE ET DISPOSITIFS ELECTROLUMINESCENTS ORGANIQUES FABRIQUES AVEC CEUX-CI
- (71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).
- (72) **HOSOKAWA, Chishio**; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). **IKEDA, Hidetsugu**; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). **FUNAHASHI, Masakazu**; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).
- (74) **OHTANI, Tamotsu**; Tomoe-Cho Annex-II 4F, 8-27, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) CN IN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07C 27/00**
- (11) **WO 01/72674** (13) A1
- (21) PCT/US01/09867
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,503 **28 Mar/mar 2000** US
(28.03.2000)
- (30) 09/817,544 **26 Mar/mar 2001** US
(26.03.2001)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HYDROCARBON CONVERSION PROCESS USING A PLURALITY OF SYNTHESIS GAS SOURCES
• PROCEDE DE CONVERSION D'HYDROCARBURES UTILISANT PLUSIEURS SOURCES DE GAZ DE SYNTHÈSE
- (71) **SYNTROLEUM CORPORATION** [US/US]; Suite 1100, 1350 South Boulder, Tulsa, OK 74119-3295 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KENNEDY, Paul, Edwin** [—/US]; 6407 S. 88th E. Avenue, Tulsa, OK 74133 (US).
- (74) **GUNTER, Charles, D., Jr.** et al. / etc.; Bracewell & Patterson, L.L.P., Suite 1600, 201 Main Street, Fort Worth, TX 76102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **C07C 29/00**
- (11) **WO 01/72675** (13) A2
- (21) PCT/EP01/03497
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,191 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ONE STEP PROCESS FOR PREPARING A 1,3-DIOL
• PROCEDE DE PREPARATION D'UN 1,3-DIOL EN UNE ETAPE
- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel Van Bylandtlaan 30, NL-2596 HR The Hague (NL).
- (72) **ALLEN, Kevin, Dale**; 20530 Serrington Drive, Katy, TX 77449 (US). **KNIFTON, John, Frederick**; 14855 Memorial Drive 2501, Houston, TX 77079 (US). **POWELL, Joseph, Broun**; 10506 Normont Drive, Houston, TX 77070 (US). **SLAUGH, Lynn, Henry**; 11911 Cypresswood Drive, Houston, TX 77070 (US). **TALMADGE, Gail, James**; 4525 Hummingbird, Houston, TX 77035 (US). **WEIDER, Paul, Richard**; 15014 Tramore, Houston, TX 77083 (US). **WILLIAMS, Timothy, Scott**; 7310 Daylight, Houston, TX 77095 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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(51)⁷ C07C 29/78, 31/20
(11) WO 01/72676 (13) A2
(21) PCT/EP01/03373
(22) 23 Mar/mar 2001 (23.03.2001)
(25) en (26) en
(30) 09/537,711 30 Mar/mar 2000 US
(30.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • FINISHING OF NEOPENTYL GLYCOL
• FINISSAGE DU NEOPENTYLGLYCOL
(71) BASF AKTIENGESELLSCHAFT
[DE/DE]; 67056 Ludwigshafen (DE).
(72) KÄSHAMMER, Stefan; Ostring 52, 67105
Schifferstadt (DE). KLEIN, Andreas;
Friedrichsplatz 14, 68165 Mannheim (DE).
SMITH, Charles, L.; 602 Copper Road,
Freeport, TX 77541 (US). MÜLLER, Win-
fried; Ortenaustasse 13, 68163 Mannheim
(DE).
(74) ISENBRUCK, Günter; Bardehle-Pagen-
berg-Dost-Altenburg-Geissler-Isenbruck,
Theodor-Heuss-Anlage 12, 68165 Mannheim
(DE).
(81) CN JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ C07C 39/16, 37/84
(11) WO 01/72677 (13) A1
(21) PCT/EP01/02845
(22) 14 Mar/mar 2001 (14.03.2001)
(25) de (26) de
(30) 100 15 014.4 27 Mar/mar 2000 DE
(27.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR PRODUCING BISPHE-
NOLS
• PROCEDE DE PREPARATION DE BIS-
PHENOLS
(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) NEUMANN, Rainer [DE/DE]; Klied-
bruchstr. 92, 47803 Krefeld (DE). LANZE,
Rolf [DE/DE]; Aldekerker Str. 42, 47804
Krefeld (DE). HEYDENREICH, Frieder
[DE/DE]; Haydnstr. 20, 40593 Düsseldorf
(DE). BÖDIGER, Michael [DE/US]; 2108
Sand Mist Circle, League City, TX 77573
(US). PREIN, Michael [DE/DE]; Oude
Holveweg 9, B-2930 Brasschaat (BE).
(74) BAYER AKTIENGESELLSCHAFT;
51368 Leverkusen (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).
(51)⁷ C07C 39/373, 37/18, 69/73, 67/343, A61K
31/055, 31/216, 31/192, 31/235, 7/00, A23G
3/30, 3/00 // C07C 69/732, 59/54
(11) WO 01/72678 (13) A1
(21) PCT/JP01/02482
(22) 27 Mar/mar 2001 (27.03.2001)
(25) ja (26) ja
(30) 2000-88217 28 Mar/mar 2000 JP
(28.03.2000)
(30) 2001-68180 12 Mar/mar 2001 JP
(12.03.2001)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • PHENOL DERIVATIVES, PROCESS
FOR PREPARATION OF THE SAME
AND USE THEREOF
• DERIVES PHENOLIQUES, LEUR PRO-
CEDE DE PREPARATION, ET LEUR
UTILISATION
(71) KABUSHIKI KAISHA HAYASHIBARA
SEIBUTSU KAGAKU KENKYUJO
[JP/JP]; 2-3, Shimoishii 1-chome,
Okayama-shi, Okayama 700-0907 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) HORI, Hitoshi [JP/JP]; 1-93, Shinkirai
Aza Kitahari, Kitajima-cho, Itano-gun,
Tokushima 771-0207 (JP). NAKAGAWA,
Yoshinori [JP/JP]; Kabushiki Kaisha
Hayashibara Seibutsu Kagaku Kenkyujo,
2-3, Shimoishii 1-chome, Okayama-shi,
Okayama 700-0907 (JP).
(81) KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).
(51)⁷ C07C 45/50, 45/79, C22B 3/00
(11) WO 01/72679 (13) A1
(21) PCT/EP01/02848
(22) 14 Mar/mar 2001 (14.03.2001)
(25) de (26) de
(30) 100 14 844.1 24 Mar/mar 2000 DE
(24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR RECOVERING
RHODIUM FROM HYDROFORMY-
LATION PRODUCTS
• PROCEDE POUR RECUPERER DU
RHODIUM A PARTIR DE PRODUITS
D'HYDROFORMYLATION
(71) CELANESE CHEMICALS EUROPE
GMBH [DE/DE]; Lurgiallee 14, 60439
Frankfurt (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) WIEBUS, Ernst [DE/DE]; Ferdinand-
strasse 77, 46147 Oberhausen (DE). SCHA-
LAPSKI, Kurt [DE/DE]; Vennstrasse 5a,
46147 Oberhausen (DE). MERTL, Michael
[DE/DE]; Am Flachskamp 14, 46147 Ober-
hausen (DE). LUKAS, Rainer [DE/DE];
Holunderweg 13, 45133 Essen (DE). FIS-
CHER, Richard [DE/US]; 9809 White
Blossom Blvd., Louisville, KY 40241 (US).
(81) BR CA CN IN JP KR MX RU US ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).
(51)⁷ C07C 49/84, A61P 29/00, 35/00, A61K
31/12
(11) WO 01/72680 (13) A1
(21) PCT/GB01/01341
(22) 26 Mar/mar 2001 (26.03.2001)
(25) en (26) en
(30) 0007401.3 27 Mar/mar 2000 GB
(27.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • SUBSTITUTED CHALCONES AS
THERAPEUTIC COMPOUNDS
• CHALCONES SUBSTITUEES EN TANT
QUE COMPOSES THERAPEUTIQUES
(71) CANCER RESEARCH VENTURES
LIMITED [GB/GB]; Cambridge House,
6-10 Cambridge Terrace, Regent's Park,
London, Greater London NW1 4JL (GB).
*(for all designated States except / pour tous
les États désignés sauf US)*
(72, 75) POTTER, Gerard, Andrew [GB/GB];
122 St Leonards Road, Leicester, Leices-
tershire LE2 1WR (GB). BUTLER, Paul,
Crispin [GB/GB]; 12 Conway Road, Le-
icester, Leicestershire LE2 1PD (GB).
WANOGHO, Elugba [GB/GB]; De Mont-
fort University, School of Pharmacy, Leices-
ter, Leicestershire LE1 9BH (GB).
(74) BRASNETT, Adrian et al. / etc.; Mewburn
Ellis, 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).
(51)⁷ C07C 51/363, 51/367, 59/10, 59/115,
67/18, 67/307, 67/31, 69/675, C07D 307/20,
C07B 55/00 // C07M 7:00
(11) WO 01/72681 (13) A1
(21) PCT/JP01/02736
(22) 30 Mar/mar 2001 (30.03.2001)
(25) ja (26) ja
(30) 2000-096636 31 Mar/mar 2000 JP
(31.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • PROCESS FOR PRODUCING OPTI-
CALLY ACTIVE α -HYDROXY- γ -BU-
TYROLACTONE
• PROCEDE D'OBTENTION D' α -HY-
DROXY- γ -BUTYROLACTONE OPTI-
QUEMENT ACTIF
(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) **NISHIYAMA, Akira** [JP/JP]; 1289-8, Nagasuna, Noguchicho, Kakogawa-shi, Hyogo 675-0016 (JP). **KISHIMOTO, Narumi** [JP/JP]; Sanseiso, 31-17, Shioy-acho 6-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0872 (JP). **INOUE, Kenji** [JP/JP]; 82-2-501, Awazu, Kakogawacho, Kakogawa-shi, Hyogo 675-0039 (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 67/24, 69/14, 69/007**
- (11) **WO 01/72682** (13) A1
- (21) PCT/EP01/03141
- (22) **19 Mar/mar 2001 (19.03.2001)**
- (25) de (26) de
- (30) 100 15 659.2 **29 Mar/mar 2000 DE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **METHOD FOR PRODUCING CARBOXYLIC ACID BENZYL ESTERS**
- **PROCEDE DE FABRICATION DE BENZYLESTERS D'ACIDES CARBOXYLIQUES**
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OOMS, Pieter** [NL/DE]; Doerperhofstr. 16, 47800 Krefeld (DE). **JANSEN, Ursula** [DE/DE]; Zirbelweg 3, 41470 Neuss (DE). **SCHENKE, Bernd-Ulrich** [DE/DE]; Eupenstr. 11, 46236 Bottrop (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 69/76, A61K 7/44**
- (11) **WO 01/72683** (13) A1
- (21) PCT/US01/09962
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/535,826 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **NOVEL SUNSCREENS FROM VEGETABLE OIL AND PLANT PHENOLS**
- **ECRANS SOLAIRES REALISES A PARTIR D'HUILES VEGETALES ET DE PHENOLS DE PLANTES**
- (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) **COMPTON, David, L.**; 4207 North Knoll Ridge Road, Apt. A-3, Peoria, IL 61614 (US). **LASZIO, Joseph, A.**; 330 South Barnewolt Drive, Peoria, IL 61604 (US).
- (74) **PENDORF, Stephan, A.** et al. / etc.; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622-0445 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C07C 211/24, 209/68**
- (11) **WO 01/72684** (13) A1
- (21) PCT/IN01/00049
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 979/BOM/99 **29 Mar/mar 2000 IN (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **PROCESS FOR THE PREPARATION OF POLYMORPH OF 4-(ARYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHALE-NAMINE DERIVATIVE**
- **PROCEDE DE PREPARATION D'UN POLYMORPHE DE DERIVE DE 4-(ARYL)-1,2,3,4-TETRAHYDRO-1-NAPHTHALENAMINE**
- (71) **SUN PHARMACEUTICAL INDUSTRIES LTD.** [IN/IN]; Acme Plaza, Andheri-Kurla Road, Andheri (E), Mumbai 400 059, Maharashtra (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHITTURI, Trinadha, Rao** [IN/IN]; Sun Pharma Advanced Research Centre, Akota Road, Akota, Baroda 390 020, Gujarat (IN). **THENNATI, Rajamannar** [IN/IN]; Sun Pharma Advanced Research Centre, Akota Road, Akota, Baroda 390 020, Gujarat (IN).
- (74) **MAJUMDAR, S.** et al. / etc.; S. Majumdar & Co., 5, Harish Mukherjee Road, Calcutta 700 025 (IN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 211/27, 211/31, 211/30, 211/54, C07D 215/12, 277/28, 333/20, A61K 31/135, 31/33, C07D 213/36**
- (11) **WO 01/72685** (13) A2
- (21) PCT/US01/40360
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,839 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **POLYAMINE ANALOGUES AS CYTOTOXIC AGENTS**
- **POLYAMINE ANALOGUES, AGENTS CYTOTOXIQUES**
- (71) **ORIDIGM CORPORATION** [US/US]; Suite 200, 4010 Stone Way North, Seattle, WA 98103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BURNS, Mark, R.** [US/US]; 226 Northwest 184th Street, Shoreline, WA 98177 (US).
- (74) **LAU, Kawai** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07C 211/53, 215/68, 215/16, A61K 7/13**
- (11) **WO 01/72686** (13) A1
- (21) PCT/EP01/01860
- (22) **20 Feb/fév 2001 (20.02.2001)**
- (25) de (26) de
- (30) 100 14 855.7 **24 Mar/mar 2000 DE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **P-DIAMINO BENZENE DERIVATIVES AND DYES CONTAINING SAID COMPOUNDS**
- **DERIVES DE P-DIAMINO BENZOL ET COLORANTS CONTENANT CES COMPOSES**
- (71) **WELLA AKTIENGESELLSCHAFT** [DE/DE]; RP, Berliner Allee 65, 64274 Darmstadt (DE).

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(72, 75) **CHASSOT, Laurent** [CH/CH]; La Chapellenie, CH-1724 Praroman (CH).

(74) **WELLA AKTIENGESELLSCHAFT**; RP, Berliner Allee 65, 64274 Darmstadt (DE).

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

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

(51)⁷ **C07C 217/58, 229/38, 237/28, 255/43, 255/59, 311/05, 311/08, 311/37, 317/32, 323/20, 323/32, 323/67, C07D 207/12, 231/38, 233/61, 249/06, 249/08, 295/08, 295/18, A61K 31/137, A61P 15/10, C07C 47/575**

(11) **WO 01/72687** (13) A1

(21) PCT/IB01/00428

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0007884.0 **31 Mar/mar 2000 GB (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **DIPHENYL ETHER COMPOUNDS USEFUL IN THERAPY**

• **COMPOSES D'ETHER DE DIPHENYL UTILES EN THERAPIE**

(71) **PFIZER LIMITED** [GB/GB]; Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). (only for / seulement pour GB)

(71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US). (for all designated States except / pour tous les États désignés sauf GB US)

(72, 75) **ANDREWS, Mark, David** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **HEPWORTH, David** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **MIDDLETON, Donald, Stuart** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **STOBIE, Alan** [GB/GB]; Pfizer Global Research and Development, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(74) **WOOD, David, J.** et al. / etc.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C07C 227/32, 229/22, 255/26, C07D 307/32, C07C 313/06, 271/22**

(11) **WO 01/72688** (13) A2

(21) PCT/FR01/00885

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) fr (26) fr

(30) 00/03859 **27 Mar/mar 2000 FR (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR PREPARING (2S,3R,4S)-4-HYDROXYISOLEUCINE AND ANALOGUES THEREOF**

• **PROCEDE DE PREPARATION DE LA (2S,3R,4S)-4-HYDROXYISOLEUCINE ET DE SES ANALOGUES**

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).

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

(72, 75) **OUAZZANI, Jamal** [FR/FR]; 18, avenue Nationale, F-91300 Massy (FR).

POTIER, Pierre [FR/FR]; 14, avenue de Breteuil, F-75007 Paris (FR). **SASAKI, Nobumichi, André** [FR/FR]; Ecole du Parc, Avenue de Normandie, F-91940 les Ulis (FR). **ZHU, Wang, Qian** [CN/FR]; 6, résidence des Quinconces, F-91190 Gif-sur-Yvette (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C07C 227/40, 229/26**

(11) **WO 01/72689** (13) A2

(21) PCT/US01/08109

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 60/192,891 **29 Mar/mar 2000 US (29.03.2000)**

(30) 60/263,228 **23 Jan/jan 2001 US (23.01.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR SEPARATING A BASIC AMINO ACID FROM FERMENTATION BROTH**

• **PROCEDE DE SEPARATION D'UN ACIDE AMINE BASIQUE A PARTIR D'UN BOUILLON DE FERMENTATION**

(71) **ARCHER-DANIELS-MIDLAND COMPANY** [US/US]; 4666 Faries Parkway, Box 1470, Decatur, IL 62525 (US).

(72) **SOPER, John**; 1320 Florian Avenue, Mt. Zion, IL 62549 (US). **HILALY, Ahmad**; 3325 Branchwood Drive, Springfield, IL 62704 (US). **MOORE, Kevin**; 1510 Alexander Drive, Mt. Zion, IL 62549 (US). **BINDER, Thomas, P.**; 2323 West Packard Street, Decatur, IL 62522 (US).

(74) **LUDWIG, Steven, R.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **C07C 231/00, 233/54, 233/15**

(11) **WO 01/72690** (13) A2

(21) PCT/EP01/02924

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 15 279.1 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR PRODUCING N-BUTYRYL-4-AMINO-3-METHYLMETHYL BENZOATE AND THE NOVEL COMPOUND N-(4-BROMINE-2-METHYLPHENYL)-BUTANAMIDE**

• **PROCEDE DE PREPARATION D'ESTER DE METHYLE D'ACIDE N-BUTYRYL-4-AMINO-3-METHYL-BENZOIQUE ET LE NOUVEAU COMPOSE N-(4-BROME-2-METHYLPHENYL)-BUTANAMIDE**

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) **RODEFELD, Lars** [DE/DE]; Hammerweg 35, 51375 Leverkusen (DE).

HÖPFNER, Thomas [DE/DE]; Bertramstr. 73, 51103 Köln (DE). **KLAUSENER, Alexander** [DE/DE]; Schiffgesweg 18, 50259 Pulheim (DE). **BEHRE, Horst** [DE/DE]; Zur alten Linde 12, 51519 Odenthal (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C07C 231/02, 233/18, 233/20, C08G 65/332, C10M 111/00

(11) WO 01/72691 (13) A2

(21) PCT/US01/40381

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 09/537,121 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LOW POUR POINT PRIMARY AMIDES
• AMIDES PRIMAIRE A FAIBLE POINT D'ECOULEMENT

(71) HUNTSMAN PETROCHEMICAL CORPORATION [US/US]; 7114 North Lamar Blvd., Austin, TX 78752 (US).

(72) LEWIS, David, Charles; P.O. Box 15730, Austin, TX 78761 (US). VIPOND, Jeffrey, Jon; P.O. Box 15730, Austin, TX 78761 (US).

(74) STOLLE, Russell, R. et al. / etc.; Gardere Wynne Sewell LLP, Suite 3400, 1000 Louisiana, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C07C 233/01, 309/29, 311/14, A61K 31/18, 31/196, A61P 5/16

(11) WO 01/72692 (13) A1

(21) PCT/IB01/00317

(22) 7 Mar/mar 2001 (07.03.2001)

(25) en (26) en

(30) 60/193,618 31 Mar/mar 2000 US (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MALONAMIC ACIDS AND DERIVATIVES THEREOF AS THYROID RECEPTOR LIGANDS

• ACIDES MALONAMIQUES ET LEURS DERIVES EN TANT QUE LIGANDS DU RECEPTEUR DE THYROÏDE

(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) ASPNES, Gary, Erik [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). CHANG, Yuan-Ching, Phoebe [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US). ESTEP,

Kimberly, Gail [US/US]; Pfizer Global Research and Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 235 East 42nd 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C07C 235/16

(11) WO 01/72693 (13) A1

(21) PCT/JP01/02408

(22) 26 Mar/mar 2001 (26.03.2001)

(25) ja (26) ja

(30) 2000-85460 27 Mar/mar 2000 JP (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL AMINOPHENOL DERIVATIVES
• NOUVEAUX DERIVES D'AMINOPHENOL

(71) MITSUI CHEMICALS, INC. [JP/JP]; 2-5, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-6070 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMASHITA, Hiroyuki [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP). MORI, Haruki [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). TOGASHI, Kazuhiko [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). KAI, Akiyoshi [JP/JP]; c/o Mitsui Chemicals, Inc., 1144, Togo, Mobara-shi, Chiba 297-0017 (JP). MOHRI, Junichi [JP/JP]; c/o Mitsui Chemicals, Inc., 580-32, Nagaura, Sodegaura-shi, Chiba 299-0265 (JP).

(74) KANEDA, Nobuyuki 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 CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C07C 251/42, 62/36, 69/757, 251/60, 255/47, 317/06, 321/06, C07D 205/04, 207/12, 211/46, 213/55, 213/57, 215/14, 263/32, 277/24, 277/64, 307/20, 309/10, 309/12, 311/94, 319/14, 333/18, 333/32, 333/34, 335/02, 339/06, 339/08, A61K 31/19, 31/215, 31/277, 31/351, 31/352, 31/357, 31/381, 31/382, 31/397, 31/421, 31/426, 31/428, 31/4402

(11) WO 01/72694 (13) A1

(21) PCT/JP01/02444

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(30) 2000-88459 28 Mar/mar 2000 JP (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ZOFIMARIN DERIVATIVES
• DERIVES DE ZOFIMARINE

(71) SANKYO COMPANY, LIMITED [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HONDA, Takeshi [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). KANEKO, Satoru [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). KAWAMOTO, Isao [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). KONOSU, Toshiyuki [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). UCHIDA, Takuya [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). SHIBUYA, Satoshi [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). OHYA, Satoshi [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(74) OHNO, Akio et al. / etc.; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).

(81) AU BR CA CN CZ HU ID IL IN KR MX NO NZ PL RU US ZA.

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

(51)⁷ C07C 251/54, C07D 263/32, A61K 31/195, 31/421, A61P 29/00, 35/00, 9/10, 27/14

(11) WO 01/72695 (13) A1

(21) PCT/JP01/02447

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(30) 2000-092966 28 Mar/mar 2000 JP (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NEOVASCULARIZATION INHIBITORS
• INHIBITEURS DE LA NEOVASCULARISATION

(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) HAZAMA, Masatoshi [JP/JP]; 7-28-102, Satsukigaoka 2-chome, Ikeda-shi, Osaka 563-0029 (JP). MIYAZAKI, Takeshi [JP/JP]; 13-2, Higashitokiwadai 4-chome, Toyono-cho, Toyono-gun, Osaka 563-0103 (JP). SUGIYAMA, Yasuo [JP/JP]; 7-2, Daiwahigashi 5-chome, Kawanishi-shi, Hyogo 666-0111 (JP).

(74) TAKAHASHI, Shuichi et al. / etc.; 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 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ C07C 253/08, A01N 43/707, C07D 491/04, 487/04, 471/04, 495/04, 273/00, 253/06, 498/04, 239/70, 239/20

(11) WO 01/72696 (13) A1
(21) PCT/US01/09716
(22) 26 Mar/mar 2001 (26.03.2001)
(25) en (26) en
(30) 60/192,825 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● ARTHROPODICIDAL CARBOXANILIDES
● CARBOXANILIDES ARTHROPODICIDES

(71) E.I. DU PONT DE NEMOURS AND COMPANY [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(72, 75) PIOTROWSKI, David, Walter [US/US]; 507 Carrington Court, Kalamazoo, MI 49009 (US).

(74) BIRCH, Linda, D.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ C07C 253/30, 255/19, B01J 31/24, 31/18

(11) WO 01/72697 (13) A2
(21) PCT/EP01/02903
(22) 14 Mar/mar 2001 (14.03.2001)
(25) en (26) en
(30) 00200927.2 14 Mar/mar 2000 EP (14.03.2000)
(30) 00200926.4 14 Mar/mar 2000 EP (14.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● PROCESS FOR THE CARBOXYLATION OF PENTENENITRILE
● PROCEDE DE CARBOXYLATION DE PENTENENITRILE
(71) SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).

(72) DRENT, Eit; Badhuisweg 3, NL-1031 CM Amsterdam (NL). JAGER, Willem, Wabe; Badhuisweg 3, NL-1031 CM Amsterdam (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C07C 255/11, 31/22, C07D 303/00

(11) WO 01/72698 (13) A1
(21) PCT/KR01/00354
(22) 7 Mar/mar 2001 (07.03.2001)
(25) en (26) en
(30) 2000/15512 27 Mar/mar 2000 KR (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● OPTICALLY ACTIVE CYANOBUTANTRIOL DERIVATIVES AND PROCESS FOR PREPARING SAME
● DERIVES OPTIQUEMENT ACTIFS DE CYANOBUTANTRIOL ET PROCEDE DE FABRICATION DE CEUX-CI

(71) KUKJE PHARMA. IND. CO., LTD. [KR/KR]; 237-2, Kwangjang-dong, Kwangjin-gu, Seoul 143-805 (KR).
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(72, 75) CHOI, Young-Ro [KR/KR]; Samsung Apt. #1141-403, Sanbon-dong, Kunpo-shi, Kyunggi-do 435-040 (KR). KIM, Kwan-Soo [KR/KR]; Keukdong Green Apt. 101-1402, Oaksoo 2-dong Sungdong-gu, Seoul 133-766 (KR). KIM, Jin-Whan [KR/KR]; Joogong Apt. 1212-806, Haan 3-dong, Kwangmyung-shi, Kyunggi-do 423-063 (KR).

(74) CHOI, Kyu-Pal; 824-11, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) CN JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C07C 261/00, A61K 38/00

(11) WO 01/72699 (13) A1
(21) PCT/US01/09756
(22) 27 Mar/mar 2001 (27.03.2001)
(25) en (26) en

(30) 60/192,260 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● INHIBITION OF ANGIOGENESIS AND TUMOR GROWTH
● INHIBITION DE L'ANGIOGENESE ET DE LA CROISSANCE TUMORALE

(71) THE SCRIPPS RESEARCH INSTITUTE [US/US]; 10550 N. Torrey Pines Road, La Jolla, CA 92037 (US).
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(72, 75) BOGER, Dale, L. [US/US]; 2819 Via Posada, La Jolla, CA 92037 (US).
CHERESH, David, A. [US/US]; 3277 Lone Hill Lane, Encinitas, CA 92024 (US).

(74) CEPURITIS, Talivaldis; Olson & Hierl, LTD., 36th floor, 20 North Wacker Drive, Chicago, IL 60606 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ C07C 273/04, B01J 12/00

(11) WO 01/72700 (13) A1
(21) PCT/NL01/00062
(22) 29 Jan/jan 2001 (29.01.2001)
(25) en (26) en
(30) 1014756 27 Mar/mar 2000 NL (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● INSTALLATION AND PROCESS FOR THE PREPARATION OF UREA
● INSTALLATION ET PROCEDE DE PREPARATION D'UREE

(71) DSM N.V. [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).
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(72, 75) MENNEN, Johannes, Henricus [NL/NL]; Zwartveldsingel 3, NL-6088 EX Roggel (NL).

(74) VAN BOKHOVEN, Petrus, Hubertus, Maria; DSM Patents & Trademarks, P.O. Box 9, NL-6160 MA Geleen (NL).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR
NE SN TD TG).

(51)⁷ C07C 321/00

(11) WO 01/72701 (13) A1

(21) PCT/US01/09894

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,719 28 Mar/mar 2000 US
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CERAMIDE DERIVATIVES AND
METHOD OF USE

● DERIVES DE CERAMIDE ET ME-
THODE D'UTILISATION

(71) THE LIPOSOME COMPANY, INC.
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19067 (US).

(74) GOODMAN, Rosanne; The Liposome
Company, Inc., One Research Way, Princeton
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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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

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(51)⁷ C07C 323/58, 317/48, C07D 271/06,
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29/00

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(21) PCT/US01/09431

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,923 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AMIDINO COMPOUNDS USEFUL
AS NITRIC OXIDE SYNTHASE IN-
HIBITORS

● COMPOSES AMIDINO CONVENANT
COMME INHIBITEURS DE LA SYN-
THASE DU MONOXYDE D'AZOTE

(71) PHARMACIA CORPORATION [US/US];
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(72, 75) WEBBER, Ronald, Keith [US/US];
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NAN, Ann, E. [US/US]; 135 Barton Avenue,
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enue, Unit 202, Evanston, IL 60201 (US).

SCHOLTEN, Jeffrey, A. [US/US]; 246
Cheval Square, Chesterfield, MO 63005
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(US). TOTH, Mihaly, V. [HU/US]; 1031
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(74) WARNER, James, M.; Pharmacia Corpora-
tion, Corporate Patent Department, P.O. Box
5110, Chicago, IL 60680 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ C07C 323/58, A61K 31/155, A61P 29/00

(11) WO 01/72703 (13) A1

(21) PCT/US01/09433

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,923 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AMIDINO COMPOUND AND SALTS
THEREOF USEFUL AS NITRIC OXIDE
SYNTHASE INHIBITORS

● COMPOSE AMIDINO ET SELS DE
CE DERNIER UTILES COMME IN-
HIBITEURS DE L'OXYDE NITRIQUE
SYNTHASE

(71) PHARMACIA CORPORATION [US/US];
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(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) WEBBER, Ronald, Keith [US/US];
5379 Wolfrum Way, St. Charles, MO 63304
(US). AWASTHI, Alok, K. [IN/US]; 9438

Keystone Avenue, Skokie, IL 60076 (US).
BERGMANIS, Arija, A. [US/US]; 2149
Westview Drive, Des Plaines, IL 60018

(US). DURLEY, Richard, C. [US/US];
509 Princeton Gate Court, Chesterfield, MO
63017 (US). GANSER, Scott, S. [US/US];

7420 North Winchester, Chicago, IL 60626
(US). HAGEN, Timothy, J. [US/US]; 1920
Madison Avenue, Gurnee, IL 60031 (US).

HALLINAN, Ann, E. [US/US]; 135 Barton
Avenue, Evanston, IL 60202 (US). HANSEN,
Donald, W. [US/US]; 5250 West Brown Street,

Skokie, IL 60077 (US). HICK-
ORY, Brian, S. [US/US]; 16883 Paradise
Peak Circle, Wildwood, MO 63011 (US).

MOORMANN, Alan, E. [US/US]; 5578
Hensley Circle, Weldon Springs, MO 63304
(US). PITZELE, Barnett, S. [US/US]; 7924

North Tripp Avenue, Skokie, IL 60076 (US).
PROMO, Michelle, A. [US/US]; 1366 West-
made Drive, Chesterfield, MO 63017 (US).

SCHARTMAN, Richard, R. [US/US]; 1415
Sherman Avenue, Unit 202, Evanston, IL
60201 (US). SNYDER, Jeffrey, S. [US/US];

476 Corteauy Court, Manchester, MO 63021
(US). TRIVEDI, Mahima [IN/US]; 2600
Golf Road #410, Glenview, IL 60025 (US).

TSYMBALOV, Sofya [US/US]; 5041 War-
ren Street, Skokie, IL 60076 (US).

(74) WARNER, James, M.; Pharmacia Corpora-
tion, Corporate Patent Department, P.O. Box
5110, Chicago, IL 60680 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

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(51)⁷ C07D 205/06

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(21) PCT/KR01/00507

(22) 29 Mar/mar 2001 (29.03.2001)

(25) ko (26) en

(30) 2000/17011 31 Mar/mar 2000 KR
(31.03.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● AZETIDINONE DERIVATIVES, A PROCESS FOR THEIR PREPARATION AND A METHOD FOR PRODUCING 1-β-ALKYL AZETIDINONE USING THE SAME
- DERIVES AZETODINONE, PROCEDE DE PREPARATION DE CEUX-CI ET PROCEDE DE PRODUCTION DE 1-β-ALKYLE AZETODINONE AU MOYEN DESDITS DERIVES
- (71) **DAEWOONG PHARMACEUTICAL CO., LTD.** [KR/KR]; 223-23, Sangdaewon-dong, Joongwon-ku, Sungnam, Kyunggi-do 462-120 (KR). **DAEWOONG CHEMICAL CO., LTD.** [KR/KR]; 906-5, Sangsin-ri, Hyangnam-myun, Hwasung-kun, Kyunggi-do 445-920 (KR).
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- (72, 75) **BYUN, Young-Seok** [KR/KR]; #614-105, Jookong Apt., 20 Mansoo-4-dong, Namdong-ku, Incheon 405-244 (KR). **JANG, Su-Bum** [KR/KR]; #102-804, Sungwon-chowon Apt., Hadaewon-dong, Joongwon-ku, Sungnam, Kyunggi-do 462-110 (KR). **YOON, Geal-Jung** [KR/KR]; 1502, Ilsung Apt., Sangdaewon-1-dong, Joongwon-ku, Sungnam, Kyunggi-do 462-121 (KR). **MOON, Soon-Ku** [KR/KR]; 514-2, Daemyoung-ri, Daegot-myun, Kimpo, Kyunggi-do 415-850 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 207/22, 405/12, 405/06, 405/14, 409/12, 403/14, 417/12, 401/12, 403/06, 403/04, A61K 31/4025, 31/401, A61P 25/00**
- (11) **WO 01/72705** (13) A1
- (21) PCT/EP01/03171
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 00106034.2 **27 Mar/mar 2000 EP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● PHARMACEUTICALLY ACTIVE PYRROLIDINE DERIVATIVES AS BAX INHIBITORS
- DERIVES PYRROLIDINE ACTIFS SUR LE PLAN PHARMACEUTIQUE UTILISES EN TANT QU'INHIBITEURS DE BAX
- (71) **APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.** [NL/NL]; 15 Pietermaai, Curaçao (AN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HALAZY, Serge** [BE/FR]; Allée des Jonquilles 3, F-74100 Vétraz-Monthoux (FR). **SCHWARZ, Matthias** [CH/CH];

- Rue de l'Evêché 3, CH-1204 Geneva (CH). **QUATTROPANI, Anna** [CH/CH]; Rue de la Filature 20, CH-1227 Carouge (CH). **THOMAS, Russel** [GB/GB]; 149 Cumnor Road, Boars Hill, Oxford, Oxfordshire OX1 5JS (GB). **BAXTER, Anthony** [GB/GB]; 1 Kingfisher Close, Abington, Oxon, Oxfordshire OX14 5NP (GB). **SCHEER, Alexander** [DE/CH]; Chemin Pré-Colomb, CH-1290 Versoix (CH).
- (74) **SERONO INTERNATIONAL S.A. INTELLECTUAL PROPERTY**; 12, chemin des Aulx, CH-1228 Plan-Les-Ouates (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 207/34, 319/06, 405/06, A61K 31/40, A61P 3/06**
- (11) **WO 01/72706** (13) A1
- (21) PCT/IN00/00030
- (22) **28 Mar/mar 2000 (28.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYNTHESIS OF [R-(R*,R*)]-2-(4-FLUOROPHENYL)-BETA,DELTA-DIHYDROXY-5-(1-METHYLETHYL)-3-PHENYL-4-[(PHENYLAMINO)CARBONYL]-1H-PYRROLE-1-HEPTANOIC ACID HEMI CALCIUM SALT (ATORVASTATIN)
- SYNTHESE DE L'ACIDE [R-(R*,R*)]-2-(4-FLUOROPHENYL)-BETA, DELTA-DIHYDROXY-5-(1-METHYLETHYL)-3-PHENYL-4-[(PHENYLAMINO)CARBONYL]-1H-PYRROLE-1-HEPTANOIQUE SOUS FORME DE SEL HEMI-CALCIQUE (ATORVASTATINE)
- (71) **BIOCON INDIA LIMITED** [IN/IN]; 20th K.M. Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAMBASIVAN, Ganesh** [IN/IN]; 20th K.M. Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). **SRIDHARAN, Madhavan** [IN/IN]; 20th K.M. Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). **PADUDEVASTANA, Sathyashanker** [IN/IN]; 20th K.M. Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). **POOR-NAPRAJNA, Acharya** [IN/IN]; 20th K.M. Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). **MATHEW, Joy** [IN/IN]; 20th K.M. Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). **SRINATH, Sumithra** [IN/IN]; 20th K.M. Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN). **NAIR, Sathesh** [IN/IN]; 20th K.M. Hosur Road, Hebbagodi, Bangalore 561 229, Karnataka (IN).

- (74) **ANAND, Pravin** et al. / etc.; Anand & Anand Advocates, B-41, Nizamuddin East, New Delhi 110 013 (IN).
- (81) AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
- (51)⁷ **C07D 209/00**
- (11) **WO 01/72707** (13) A2
- (21) PCT/US01/10182
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/192,826 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● CARBAMATE CASPASE INHIBITORS AND USES THEREOF
- INHIBITEURS DE CASPASE DU GROUPE CARBAMATE ET LEUR UTILISATION
- (71) **VERTEX PHARMACEUTICALS INCORPORATED** [US/US]; Robert Silverman, 130 Waverly Street, Cambridge, MA 02139-4242 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BEBBINGTON, David** [GB/GB]; 63 Swan Meadow, Pewsey, Wiltshire SW95HP (GB). **CHARRIER, Jean-Damien** [FR/GB]; Vertex Pharmaceuticals Inc., 2 The Spiney, Bishop's Itchington, Wiltshire CV472P2 (GB). **KAY, David** [GB/GB]; Vertex Pharmaceuticals Inc., 4 Church Path, Purton, Wiltshire SN5 4DR (GB). **KNEGTEL, Ronald** [GB/GB]; Vertex Pharmaceuticals Inc., 3 Batch Court Bath Street, Abingdon, Wiltshire OX1 X1EE (GB). **GOLEC, Julian** [GB/GB]; Vertex Pharmaceuticals Inc., 8 Manor Farm Chapel Road, Ashbury, Wiltshire SN6 8LS (GB). **MORTIMORE, Michael** [GB/GB]; Vertex Pharmaceuticals Inc., 5 Tanistock Road, Westbridgeford, Nottinghamshire NG2 6HF (GB). **STUDLEY, John** [GB/GB]; Vertex Pharmaceuticals Inc., 29 Willow Brook, Abingdon, Oxfordshire OX141TD (GB).
- (74) **MARKS, Andrew**; 130 Waverly Street, Cambridge, MA 02139-4242 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

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

(51)⁷ C07D 209/00

(11) WO 01/72708 (13) A2

(21) PCT/US01/09374

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 60/191,720 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● OXINDOLE INHIBITORS OF FACTOR Xa

● INHIBITEURS D'OXINDOLE DU FACTEUR Xa

(71) COR THERAPEUTICS, INC. [US/US]; 256 East Grand Avenue, South San Francisco, CA 94080 (US).

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

(72, 75) MARLOWE, Charles, K. [US/US]; 636 California Way, Redwood City, CA 94080 (US). KANE-MAGUIRE, Kim, A. [US/US]; 3425 Lodge Drive, Belmont, CA 94002 (US). ZHU, Bing-Yan [CA/US]; 3325 Adelaide Way, Belmont, CA 94002-1223 (US). SCARBOROUGH, Robert, M. [US/US]; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US).

(74) LEE Christine, S.; MORGAN, LEWIS & BOCKIUS LLP, 1800 M Street, N.W., Washington, DC 20036-5869 (US).

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

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

(51)⁷ C07D 213/30, 213/26, 213/32, 239/26, 277/24, 213/61, 213/68, A61K 31/425, 31/4409, 31/505, 31/44

(11) WO 01/72709 (13) A1

(21) PCT/US01/05817

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en (26) en

(30) 00500050.0 29 Mar/mar 2000 ES (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● NAPHTHALENE DERIVATIVES AND THEIR PHARMACEUTICAL USE

● DERIVES DE NAPHTHALINE ET LEUR UTILISATION PHARMACEUTIQUE

(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) BAKER, Stephen, Richard [GB/GB]; Eli Lilly and Company Limited, Kingsclere Road, Basingstoke, Hampshire RG21 2XA (GB). BLEAKMAN, David [GB/US]; 720 Eagle Creek Court, Zionsville, IN 46077 (US). LAMAS-PETEIRA, Carlos [ES/ES]; Lilly, S.A., Avda. Industria, 30, 28108 Alcobendas-Madrid (ES).

(74) SALES, James, J. et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07D 215/42, 217/22, 239/94, 401/06, 403/12, A61K 31/47, 31/472, 31/517, A61P 25/04

(11) WO 01/72710 (13) A1

(21) PCT/JP01/02822

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-98874 31 Mar/mar 2000 JP (31.03.2000)

(30) 2000-336464 2 Nov/nov 2000 JP (02.11.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● HETEROCYCLE DERIVATIVES AND DRUGS

● DÉRIVÉS ET MÉDICAMENTS HÉTÉROCYCLIQUES

(71) NIPPON SHINYAKU CO., LTD. [JP/JP]; 14, Kisshoin Nishinosho Monguchicho, Minami-ku, Kyoto-shi, Kyoto 601-8550 (JP).

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

(72, 75) OKANO, Masahiko [JP/JP]; Nippon Shinyaku Co., Ltd. Nagaoka-ryo, 8-17, Kaiden 1-chome, Nagaokakyo-shi, Kyoto 617-0826 (JP). MORI, Kazuya [JP/JP]; Copo Hoju 707, 22-1, Nishinokyo Shimanouchicho, Nakagyo-ku, Kyoto-shi, Kyoto 604-8443 (JP).

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

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

(51)⁷ C07D 215/54, 409/04, 401/04, 401/06, 405/04, 405/14, 409/14, 401/12, 401/10,

401/14, 405/12, 471/04, A61K 31/4706, 31/4709, A61P 35/00 // (C07D 471/04, 221:00, 221:00)

(11) WO 01/72711 (13) A1

(21) PCT/US01/09966

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 09/535,843 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● 3-CYANOQUINOLINES,3-CYANO-1,6-NAPHTHYRIDINES, AND 3-CYANO-1,7-NAPHTHYRIDINES AS PROTEIN KINASE INHIBITORS

● 3-CYANOQUINOLINES,3-CYANO-1,6-NAPHTHYRIDINES ET 3-CYANO-1,7-NAPHTHYRIDINES UTILISEES COMME INHIBITEURS DE PROTEINEKINASE

(71) AMERICAN HOME PRODUCTS CORPORATION [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) BOSCHELLI, Diane, Harris; 3A Elyse Drive, New City, NY 10956 (US). WANG, Yanong; 14 Blue Heron Road, Nanuet, NY 10954 (US). BOSCHELLI, Frank, Charles; 3A Elyse Drive, New City, NY 10956 (US). BERGER, Dan, Maarten; 6 Iron Drive, New City, NY 10956 (US). ZHANG, Nan; 214-10 64 Avenue, Bayside, NY 11364 (US). POWELL, Dennis, William; 50 Maple Moor Lane, Cortlandt Manor, NY 10567 (US). YE, Fei; 1 South Lexow Avenue, Manuet, NY 10954 (US). YAMASHITA, Ayako; 52 Dwight Place #F, Englewood, NJ 07631 (US). DEMORIN, Frenel, Fils; 3023 Mulberry Circle, Thousand Oaks, CA 91360 (US). WU, Biqi; Apt. 2F, 24 Old Middletown Road, Manuet, NY 10954 (US). TSOU, Hwei-Ru; 7 Beverly Place, New City, NY 10956 (US). OVERBEEK-KLUMPERS, Elsebe, Geraldine; Sportlaan 179, NL-7691 BK Bergentheim (NL). WISSNER, Allan; 31 Wood Avenue, Ardsley, NY 10502 (US).

(74) BERG, Egon, E.; American Home Products Corporation, Patent Law Department, Five Giralda Farms, Madison, NJ 07054 (US) et al. / etc.

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C07D 217/24, 401/12, A61K 31/4725, A61P 7/02

(11) WO 01/72712 (13) A1

(21) PCT/US01/09376

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 60/192,619 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • ISOQUINOLONE INHIBITORS OF FACTOR Xa
• INHIBITEURS DU FACTEUR XA SOUS FORME D'ISOQUINOLONE

(71) **COR THERAPEUTICS, INC.** [US/US]; 256 East Grand Avenue, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARLOWE, Charles, K.** [US/US]; 636 California Way, Redwood City, CA 94080 (US). **LI, Wenhao** [CN/US]; P.O. Box 1993, South San Francisco, CA 94083 (US). **SU, Ting** [US/US]; 3222 Upper Lock Avenue, Belmont, CA 94002 (US). **SCARBOROUGH, Robert, M.** [US/US]; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US).

(74) **LEE, Christine, S.**; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036-5869 (US).

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

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

(51)⁷ **C07D 221/18, C07C 33/36, 33/38, 33/50, 43/21, 43/225, A61K 31/047, 31/09, 31/473, A61P 5/30**

(11) **WO 01/72713** (13) A1

(21) PCT/EP01/03187

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 00201103.9 **27 Mar/mar 2000 EP (27.03.2000)**

(30) 00201105.4 **27 Mar/mar 2000 EP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NON-STEROIDAL, TETRACYCLIC COMPOUNDS FOR ESTROGEN-RELATED TREATMENTS
• COMPOSES TETRACYCLIQUE NON STEROIDIQUES DESTINES A DES TRAITEMENTS LIES AUX OESTROGENES

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VEENEMAN, Gerrit** [NL/NL]; Smidse 6, NL-5374 AJ Schaijk (NL). **DE ZWART, Eduard** [NL/NL]; Weverseind 14, NL-5345 ZP Oss (NL). **LOOZEN, Hubert** [NL/NL]; Meerhoek 602, NL-5403 AC Uden (NL). **MESTRES, Jordi** [ES/GB]; 17 Loancroft Gate, Lanarkshire, Uddingston G71 7HN (GB).

(74) **KRAAK, Hajo** et al. / etc.; N.V. Organon, Patent Department, P.O. Box 20, NL-5340 BH Oss (NL).

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

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

Published / Publiée : (c)

(51)⁷ **C07D 231/00**

(11) **WO 01/72714** (13) A2

(21) PCT/US01/08972

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/191,757 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ARYL SUBSTITUTED PYRAZOLES, TRIAZOLES AND TETRAZOLES, AND THE USE THEREOF
• PYRAZOLES, TRIAZOLES ET TETRAZOLES A SUBSTITUTION ARYLE ET LEUR UTILISATION

(71) **COCENSYS, INC.** [US/US]; 213 Technology Drive, Irvine, CA 92618 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOGENKAMP, Derk** [US/US]; 4510 Park Drive, Carlsbad, CA 92008 (US). **NGUYEN, Phong** [US/US]; 1048 Wingfoot Street, Placentia, CA 92870 (US). **YANG, Ji** [CN/US]; 2010 Quail Ridge Drive, Plainsboro, NJ 08536 (US).

(74) **COVERT, John, M.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., 1100 New York Avenue, N.W., Suite 600, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C07D 233/00**

(11) **WO 01/72715** (13) A2

(21) PCT/US01/09071

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/535,348 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • N-HALAMINE VINYL COMPOUNDS AND THEIR POLYMERIC BIOCIDES

• COMPOSES VINYLQUES DE N-HALAMINE ET LEURS BIOCIDES POLYMERIQUES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).
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(72, 75) **SUN, Gang** [CN/US]; 2600 Syracuse Court, Davis, CA 95616 (US). **SUN, Yuyu** [CN/US]; 200 Solano Park Circle, Apt. 3L, Davis, CA 95616 (US).

(74) **SNYDER, Joseph, R.** 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C07D 233/54, A61K 31/4164, A61P 43/00, C07D 209/88**

(11) **WO 01/72716** (13) A1

(21) PCT/HU01/00035

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) P00 01287 **28 Mar/mar 2000 HU (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AN INTERMEDIATE AND PROCESS FOR ITS SYNTHESIS
• INTERMEDIAIRE ET PROCEDE DE SYNTHESE CORRESPONDANT

(71) **RICHTER GEDEON VEGYÉSZETI GYÁR RT.** [HU/HU]; Gyömrői út 19-21, H-1103 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CZIBULA, László** [HU/HU]; Gergely u. 48, H-1103 Budapest (HU). **DOBAY, László** [HU/HU]; Kertész u. 42-44, H-1073 Budapest (HU). **GREINER, István** [HU/HU]; Péter Pál u. 77/A, H-1221 Budapest (HU). **WERKNÉ PAPP, Éva** [HU/HU]; Noszlopy u. 41/D, H-1103 Budapest (HU). **SZÁNTAY, Csaba** [HU/HU]; Zsombolyi u. 8, H-1113 Budapest (HU). **GAZDAG, Mária** [HU/HU]; Olt u. 34, H-1112 Budapest (HU). **TÁRKÁNYI, Gábor** [HU/HU]; Patkó u. 15, H-2040 Budaörs (HU). **ZSOLDOSNÉ BABJÁK, Mónika** [HU/HU]; Órs vezér tér 20, H-1148 Budapest (HU). **MIHÁLYFI, Katalin** [HU/HU]; Német u. 17-19, H-1084 Budapest (HU).

(74) **RICHTER GEDEON VEGYÉSZETI GYÁR RT.**; Gyömrői út 19-21, H-1103 Budapest (HU).

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

- DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ C07D 239/48, 401/12, 403/12, 405/12, 413/12, A61K 31/505, A61P 35/00
- (11) WO 01/72717 (13) A1
(21) PCT/GB01/01264
(22) 23 Mar/mar 2001 (23.03.2001)
(25) en (26) en
(30) 0007371.8 28 Mar/mar 2000 GB (28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • 4-AMINO-5-CYANO-2-ANILINO-PYRIMIDINE DERIVATIVES AND THEIR USE AS INHIBITORS OF CELL-CYCLE KINASES
• DERIVES 4-AMINO-5-CYANO-2-ANILINO-PYRIMIDINES ET LEUR UTILISATION COMME INHIBITEURS DE KINASES DEPENDANTES DE CYCLES CELLULAIRES
- (71) ASTRAZENECA AB [SE/SE]; S-151 85 Sodertälje (SE).
(for all designated States except / pour tous les États désignés sauf MG US)
- (71) ASTRAZENECA UK LIMITED [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
(only for / seulement pour MG)
- (72, 75) THOMAS, Andrew, Peter [GB/GB]; Alderley Park, Macclesfield, Cheshire SK10 4TG (GB).
- (74) PHILLIPS, Neil, Godfrey, Alasdair; Astrazeneca, Global Intellectual Property, P.O. 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- (30) 2000-90092 29 Mar/mar 2000 JP (29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PHARMACEUTICAL COMPOSITIONS CONTAINING AS THE ACTIVE INGREDIENT NITROPYRIMIDINE DERIVATIVES OR SALTS THEREOF
• COMPOSITIONS PHARMACEUTIQUES CONTENANT COMME INGREDIENT ACTIF DES DERIVES DE NITROPYRIMIDINE OU LEURS SELS
- (71) ISHIHARA SANGYO KAISHA, LTD. [JP/JP]; 3-15, Edobori 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0002 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MIYATA, Keizo [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). KIMURA, Hirohiko [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). ISHIKAWA, Toshio [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP). YAMAMOTO, Kazuhiro [JP/JP]; c/o Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3-1, Nishi-shibukawa 2-chome, Kusatsu-shi, Shiga 525-0025 (JP).
- (74) SENMYO, Kenji et al. / etc.; Torimoto Kogyo Building, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- (51)⁷ C07D 239/52, 413/12, 419/12
- (11) WO 01/72719 (13) A1
(21) PCT/EP01/02731
(22) 12 Mar/mar 2001 (12.03.2001)
(25) de (26) de
(30) 100 14 607.4 24 Mar/mar 2000 DE (24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR PRODUCING ASYMMETRICAL 4,6-BIS(ARYLOXY)PYRIMIDINE DERIVATIVES
• PROCEDE DE PRODUCTION DE DERIVES ASYMETRIQUES DE 4,6-BIS(ARYLOXY)PYRIMIDINE
- (71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WEINTRITT, Holger [DE/DE]; Louvecienestr. 91, 40764 Langenfeld (DE). STELZER, Uwe [DE/DE]; A. Kolpingstr. 22a, 51399 Burscheid (DE). GAYER, Herbert [AT/DE]; Sandstr. 66, 40789 Monheim (DE). HÜBSCH, Walter [DE/DE]; Wildsteig 22, 42113 Wuppertal (DE).
- (74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
- (51)⁷ C07D 239/94, A61K 31/505, A61P 35/00
- (11) WO 01/72720 (13) A1
(21) PCT/GB01/01438
(22) 29 Mar/mar 2001 (29.03.2001)
(25) en (26) en
(30) 0007657.0 29 Mar/mar 2000 GB (29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BICYCLIC AMINE DERIVATIVES AS INHIBITORS OF CLASS 1 RECEPTOR TYROSINE KINASES
• DERIVES D'AMINE BICYCLIQUE UTILISES COMME INHIBITEURS DES TYROSINES KINASES RECEPTRICES DE CLASSE 1
- (71) CELLTECH CHIROSCIENCE LIMITED [GB/GB]; 216 Bath Road, Slough, Berkshire SL1 4EN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MOFFAT, David, Festus, Charles [GB/GB]; c/o Celltech Chiroscience Limited, 216 Bath Road, Slough, Berkshire SL1 4EN (GB). DAVIS, Peter, David [GB/GB]; c/o Angiogene Pharmaceuticals Limited, 14 Plowden Park, Aston Rowant, Watlington, Oxfordshire OX9 5SX (GB).
- (74) MERCER, Christopher, Paul et al. / etc.; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
- (51)⁷ C07D 243/00
- (11) WO 01/72721 (13) A2
(21) PCT/US01/09193
(22) 22 Mar/mar 2001 (22.03.2001)
(25) en (26) en

- (30) 60/192,278 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYNERGISTIC METHODS AND COMPOSITIONS FOR TREATING CANCER
● METHODES ET COMPOSITIONS SYNERGETIQUES DESTINEES AU TRAITEMENT DU CANCER
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; Lawrenceville-Princeton Road, P.O. Box 4000, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Francis, Y.** [CN/US]; 363 Lang Court, Yardley, PA 19067 (US).
- (74) **ALGIERI, Aldo** et al. / etc.; Bristol Myers Squibb Company, Lawrenceville-Princeton Road, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 251/62, 251/60**
- (11) **WO 01/72722** (13) A1
- (21) PCT/EP01/03207
- (22) **21 Mar/mar 2001 (21.03.2001)**
- (25) en (26) en
- (30) 00106580.4 **27 Mar/mar 2000** EP
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● PROCESS FOR THE PRODUCTION OF MELAMINE CRYSTALS AT HIGH PURENESS
● PROCEDE DE PRODUCTION DE CRISTAUX DE MELAMINE DE GRANDE PURETE
- (71) **CASALE CHEMICALS S.A.** [CH/CH]; Via Sorengo, 7, CH-6900 Lugano-Besso (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAGANI, Giorgio** [IT/CH]; Via al Boschetto 4, CH-6900 Lugano (CH).
- (74) **ZARDI, Marco**; M. Zardi & Co. S.A., Via Pioda, 6, CH-6900 Lugano (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 277/24**
- (11) **WO 01/72724** (13) A1
- (21) PCT/US01/10355
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/192,867 **29 Mar/mar 2000** US
(29.03.2000)
- 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 263/28, 277/18, 277/14, 277/16, 263/26, 263/16, 413/06, 413/12, 413/10, 417/06, 417/04, 417/12, 413/04, A61K 31/426, 31/421, 31/439, 31/427, 31/422, 31/506, 31/4709, 31/454, 31/496, 31/537, 31/54, A61P 43/00, 29/00, 37/08, 11/06, 27/16, 11/00, 1/04, 9/10, 9/00, 1/16, 13/12, 25/00, 19/02, 17/00, 17/06, 9/02**
- (11) **WO 01/72723** (13) A1
- (21) PCT/JP01/02481
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-88078 **28 Mar/mar 2000** JP
(28.03.2000)
- (30) 2000-141395 **15 May/mai 2000** JP
(15.05.2000)
- (30) 2000-182811 **19 Jun/juin 2000** JP
(19.06.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● OXA(THIA)ZOLIDINE DERIVATIVE AND ANTI-INFLAMMATORY DRUG
● DERIVED D'OXA(THIA)ZOLIDINE ET MEDICAMENT ANTI-INFLAMMATOIRE
- (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) **TAKAGI, Masae** [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). **ISHIMITSU, Keiichi** [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP). **NISHIBE, Tadayuki** [JP/JP]; c/o Odawara Research Center, Nippon Soda Co., Ltd., 345, Takada, Odawara-shi, Kanagawa 250-0280 (JP).
- (74) **TOKAI, Yusaku** et al. / etc.; c/o Nippon Soda Co., Ltd., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-8165 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
-
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYNTHESIS OF THIAZOLIUM COMPOUNDS
● SYNTHESE DE COMPOSES A BASE DE THIAZOLE
- (71) **ALTEON, INC.** [US/US]; 170 Williams Drive, Ramsey, NJ 07446 (US).
- (72) **WAGLE, Dilip**; Apt. 7L, Jeanne-Marie Gardens, James Drive, Nanuet, NY 10954 (US).
- (74) **DECHERT**; P.O. Box 5218, Princeton, NJ 08543 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 279/02, 417/14, 417/12, A61K 31/5415, A61P 7/02**
- (11) **WO 01/72725** (13) A1
- (21) PCT/US01/09375
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/191,715 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● BICYCLIC SULFONYL AMINO INHIBITORS OF FACTOR Xa
● INHIBITEURS AMINOSULFONYLES BICYCLIQUES DU FACTEUR XA
- (71) **COR THERAPEUTICS, INC.** [US/US]; 256 East Grand Avenue, South San Francisco, CA 94080 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LI, Wenhao** [CN/US]; P.O. Box 1993, South San Francisco, CA 94083 (US). **MARLOWE, Charles, K.** [US/US]; 636 California Way, Redwood City, CA 94080 (US). **SCARBOROUGH, Robert, M.** [US/US]; 22 Greenbrier Court, Half Moon Bay, CA 94019 (US).
- (74) **LEE, Christine, S.**; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036-5869 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 277/24**
- (11) **WO 01/72724** (13) A1
- (21) PCT/US01/10355
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/192,867 **29 Mar/mar 2000** US
(29.03.2000)
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C07D 285/08, A01N 43/82, C07D 275/02, A01N 43/80, C07D 417/12, 213/75, A01N 43/40

(11) WO 01/72726 (13) A1

(21) PCT/EP01/02860

(22) 14 Mar/mar 2001 (14.03.2001)

(25) de (26) de

(30) 100 15 015.2 27 Mar/mar 2000 DE (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● OXIME DERIVATIVES FOR CONTROLLING UNDESIRE MICROORGANISMS AND ANIMAL PESTS

● DERIVES D'OXIME POUR LUTTER CONTRE DES MICRO-ORGANISMES ET DES PARASITES ANIMAUX INDESIRABLES

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEIL, Markus [DE/DE]; Am weissen Stein 43a, 42799 Leichlingen (DE). MILITZER, Hans-Christian [DE/DE]; Waldweg 2, 51519 Odenthal (DE). GEBAUER, Olaf [DE/DE]; Neustr. 4, 51063 Köln (DE). HÄNSSLER, Gerd [DE/DE]; Am Arenzberg 58a, 51381 Leverkusen (DE). KUCK, Karl-Heinz [DE/DE]; Pastor-Löh-Str. 30a, 40764 Langenfeld (DE). MAULER-MACHNIK, Astrid [DE/DE]; Neuenkamper Weg 48, 42799 Leichlingen (DE). WACHENDORFF-NEUMANN, Ulrike [DE/DE]; Oberer Markenweg 85, 56566 Neuwied (DE).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C07D 285/12, 417/12, A61K 7/06, 7/075, 7/08 // 31/433, 31/4439, 31/454, A61P 17/14

(11) WO 01/72727 (13) A1

(21) PCT/JP01/02349

(22) 23 Mar/mar 2001 (23.03.2001)

(25) ja (26) ja

(30) 2000-86638 27 Mar/mar 2000 JP (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● HAIR TONICS

● TONIQUES CAPILLAIRES

(71) SHISEIDO CO., LTD. [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) IWABUCHI, Tokuro [JP/JP]; c/o Shiseido Research Center (Kanazawahakkei), 12-1, Fukuura 2-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-8643 (JP). FUKUNISHI, Hirotsada [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). KOBAYASHI, Koji [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). TAJIMA, Masahiro [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP).

(74) IWAHASHI, Yuji; 1-11-8, Higashikanagawa, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0044 (JP).

(81) CN KR US.

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

(51)⁷ C07D 295/185, A61K 31/495, A61P 29/00

(11) WO 01/72728 (13) A2

(21) PCT/IB01/00375

(22) 14 Mar/mar 2001 (14.03.2001)

(25) en (26) en

(30) 60/193,789 31 Mar/mar 2000 US (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● NOVEL PIPERAZINE DERIVATIVES

● NOUVEAUX DERIVES DE PIPERAZINE

(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) BLUMBERG, Laura, Cook [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). BROWN, Matthew, Frank [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). MCGLYNN, Molly, Ann [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). POSS, Christopher, Stanley [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US). GLADUE, Ronald, Paul [US/US]; Pfizer Global Research & Development, Eastern Point Road, Groton, CT 06340 (US).

(74) LUMB, J., Trevor et al. / etc.; Pfizer Inc., 235 East 41nd 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C07D 301/12, 301/20, B01J 19/00, 29/38

(11) WO 01/72729 (13) A1

(21) PCT/EP01/03143

(22) 19 Mar/mar 2001 (19.03.2001)

(25) de (26) de

(30) 100 15 246.5 28 Mar/mar 2000 DE (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR CONVERTING AN ORGANIC COMPOUND WITH A HYDROPEROXIDE

● PROCEDE POUR FAIRE REAGIR UN COMPOSE ORGANIQUE AVEC UN HYDROPEROXYDE

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

(72, 75) MÜLLER, Ulrich [DE/DE]; Am Stecken 14a, 67435 Neustadt (DE). TELES, Joaquim, Henrique [PT/DE]; Reierstrasse 29 a, 67166 Otterthal (DE). RIEBER, Norbert [DE/DE]; Liebfrauenstr. 1c, 68259 Mannheim (DE). WALCH, Andreas [DE/DE]; Roseggerweg 5, 74193 Schwaigern (DE). BASSLER, Peter [DE/DE]; Maria-Mandel-Str. 18, 68519 Viernheim (DE). REHFINGER, Alwin [DE/DE]; Rosenstrasse 10, 67112 Mutterstadt (DE). WENZEL, Anne [DE/DE]; Potsdamer Ring 14, 76344 Egenstein-Leopoldshafen (DE). HARDER, Wolfgang [DE/DE]; Bergwaldstrasse 16, 69469 Weinheim (DE).

(74) ISENBRUCK, Günter; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).

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

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

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(51)⁷ C07D 307/32, 307/88, A61K 31/341, 31/343, A61P 43/00, 37/06, 13/12, 1/18

(11) WO 01/72730 (13) A1

(21) PCT/JP01/02513

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(30) 2000-88990 28 Mar/mar 2000 JP (28.03.2000)

(30) 2000-289458 22 Sep/sep 2000 JP (22.09.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SELECTIVE PREVENTIVES/REMEDIES FOR PROGRESSIVE LESIONS AFTER ORGAN DAMAGE

● MEDICAMENTS PREVENTIFS/REMEDES SELECTIFS POUR LESIONS

EVOLUTIVES APRES ENDOMMAGEMENT D'UN ORGANE

(71, 72) **ISHIBASHI, Michio** [JP/JP]; 25-16, Niwashirodai 4-cho, Sakai-shi, Osaka 590-0133 (JP).

(72, 75) **WAGNER, Alain** [FR/FR]; 10, rue de Belfort, F-67100 Strasbourg (FR). **MIOSKOWSKI, Charles** [FR/FR]; 14, rue Baudelaire, F-67200 Strasbourg (FR). **SYLVAIN, Catherine** [FR/FR]; 14, rue de l'Eglise, F-21220 Gevrey-Chambertin (FR).

(74) **IWATANI, Ryo**; Sakurabashi Chiyoda Bldg., 5F, 1-27, Dojima 2-chome, Kita-ku, Osaka-shi, Osaka 530-0003 (JP).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN CO CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KG KR KZ LC LK LR LT LV MA MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TT UA US UZ VN YU ZA.

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

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(25) en (26) en

(30) 60/192,148 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ENANTIOSELECTIVE PROCESS FOR PREPARING ARYLATED LACTONES AND DERIVATIVES

• PROCEDE ENANTIOSELECTIF DE PREPARATION DE LACTONES ARYLIQUES ET DE LEURS DERIVES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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(72, 75) **ZHANG, Tony, Yantao** [US/US]; 12345 Moon River Court, Indianapolis, IN 46236 (US). **ZHANG, Hongbin** [CN/CN]; 401 Qiang Wei Court, Shi Jie Hua Yuan, Bai Long Road, 650224 Kunming, Yunnan, P. R. China (CN). **PROCTOR, Christophor, Scott** [US/US]; 7711 Willowood Street, Indianapolis, IN 46214 (US).

(74) **GINAH, Francis, O.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C07D 307/36, 307/46, 307/48

(11) WO 01/72732 (13) A2

(21) PCT/US01/09701

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,271 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OXIDATION OF 5-(HYDROXYMETHYL) FURFURAL TO 2,5-DIFORMYLFURAN AND SUBSEQUENT DECARBONYLATION TO UNSUBSTITUTED FURAN

• OXYDATION DE 5-(HYDROXYMETHYL) FURFURAL EN 2,5-DIFORMYLFURANE ET DECARBONYLATION SUBSEQUENTE EN FURANE NON SUBSTITUE

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

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(72, 75) **GRUSHIN, Vladimir** [CA/US]; 533 Runnymede Road, Hockessin, DE 19707 (US). **PARTENHEIMER, Walter** [US/US]; 16 Clermont Road, Wilmington, DE 19803 (US). **MANZER, Leo, E.** [US/US]; 714 Burnley Road, Wilmington, DE 19803 (US).

(74) **SIEGELL, Barbara, C.**; E.I. Dupont De Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA 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 C07D 307/58, A61K 31/365, A61P 37/00

(11) WO 01/72733 (13) A1

(21) PCT/ES01/00102

(22) 16 Mar/mar 2001 (16.03.2001)

(25) es (26) es

(30) P 200000660 20 Mar/mar 2000 ES (20.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DERIVATIVES OF P- HYDROXY PHENYL PROPIONIC ACID AS ANTIPROLIFERATIVE AGENTS

• UTILISATION DE DERIVES D'ACIDE P-HYDROXYPHENYLE PROPIONIQUE COMME AGENTS ANTIPROLIFERATIFS

(71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; C/Serrano, 117, E-28006 Madrid (ES). **INVESTIGACION Y MEDICINA, S.L.** [ES/ES]; C/San Buenaventura, 6, E-28005 Madrid (ES). **SAETABIS BIO CONSULTING** [ES/ES]; C/Argenteria, 52, E-46800 Xativa (Valencia) (ES).

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(72, 75) **BERMEJO BARRERA, Jaime** [ES/ES]; Insto. De Productos Naturales

Y Agrobiología, Consejo Superior De Investigaciones Científicas, Avda. Astrofísico Francisco Sánchez, 3, E-38206 La Laguna (Tenerife) (ES). **HERNANDEZ SILVA, Margarita** [ES/ES]; Insto De Productos Naturales Y Agrobiología, Consejo Superior De Investigaciones Científicas, Avda Astrofísico Francisco Sánchez, 3, E-38206 La Laguna (Tenerife) (ES). **ALVAREZ DE MON, Melchor** [ES/ES]; Investigación Y Medicina, S.L., C/San Buenaventura, 6, E-28005 Madrid (ES). **PIVEL RANIERI, Juan, Pablo** [ES/ES]; Saetabis Bio Consulting, C/argenteria, 52, E-46800 Xativa (Valencia) (ES).

(74) **OJEDA GARCIA, Pedro**; Consejo Superior de Investigaciones Científicas, C/Serrano, 113, E-28006 Madrid (ES).

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

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

(51)⁷ C07D 309/30

(11) WO 01/72734 (13) A1

(21) PCT/KR00/00283

(22) 30 Mar/mar 2000 (30.03.2000)

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A PROCESS FOR PRODUCING SIMVASTATIN

• PROCEDE PERMETTANT DE PRODUIRE LA SIMVASTATINE

(71) **CHEIL JEDANG CORPORATION** [KR/KR]; 500, 5-ga, Namdaemun-ro, Chung-ku, Seoul 100-095 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Kwang, Hyuk** [KR/KR]; Hwasung Villa, 703-7750, Mokryun village, Yatap-dong 185, Bundang-ku, Singnam-shi, Kyunggi-do 463-070 (KR). **KIM, Jin, Wan** [KR/KR]; Woojung Apt_101-205, Chunho 1-dong, Kangdong-ku, Seoul 134-021 (KR). **CHOI, Kwang, Do** [KR/KR]; Samho Apt_4-907, Bisan 3-dong, Dongan-ku, Ahnyang-shi, Kyunggi-do 431-053 (KR). **BAE, Hun** [KR/KR]; Dogok Apt_25-509, Dogok 2-dong, Gangnam-ku, Seoul 135-272 (KR).

(74) **CHOL, Hak, Hyun** et al. / etc.; Daekyung Building_120, 2-ga, 9th floor, Taepyung-ro, Chung-ku, Seoul 120-013 (KR).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR

- GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 311/00**
(11) **WO 01/72735** (13) A2
(21) PCT/US01/09897
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,702 **28 Mar/mar 2000 US (28.03.2000)**
(30) 60/255,032 **11 Dec/déc 2000 US (11.12.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • BENZOPYRANES USEFUL AS TNF ALPHA INHIBITORS
• BENZOPYRANES UTILES COMME INHIBITEURS DE TNF-ALPHA
(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
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(72, 75) **CHENG, Jie Fei** [CN/US]; 6275 Nancy Ridge Drive, San Diego, CA 92121 (US). **ARRHENIUS, Thomas** [SE/US]; 6275 Nancy Ridge Drive, San Diego, CA 92121 (US). **ISHIKAWA, Akira** [JP/JP]; 1-135, Komakado, Gotemba, Shizuoka 412-8513 (JP).
(74) **EBATA, Katsunori**; Patent Dept., Chugai Biopharmaceuticals, Inc., 6275 Nancy Ridge Drive, San Diego, CA 92121 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 319/12, B01D 9/02**
(11) **WO 01/72736** (13) A1
(21) PCT/JP01/02721
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) ja (26) ja
(30) 2000-96713 **31 Mar/mar 2000 JP (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR PURIFICATION OF CYCLIC ESTER
• PROCEDE DE PURIFICATION D'ESTER CYCLIQUE
(71) **KUREHA KAGAKU KOGYO K.K.** [JP/JP]; 9-11, Nihonbashi Horidomecho 1-chome, Chuo-ku, Tokyo 103-8552 (JP).
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(72, 75) **EJIRI, Tetsuo** [JP/JP]; 16-1, Maehara, Nishiki-machi, Iwaki-shi, Fukushima 974-8232 (JP). **YAMANE, Kazuyuki** [JP/JP]; 16-5, Nishikimigatsuka-machi, Onahama, Iwaki-shi, Fukushima 971-8167 (JP). **OTAWARA, Kentaro** [JP/JP]; 76-2, Eguri 2-chome, Nishiki-machi, Iwaki-shi, Fukushima 974-8232 (JP).
(74) **FUJIOKA, Tohru**; Tokyo Reiki Ebisu Building 2F, 17-12, Ebisu Nishi 1-chome, 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 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 401/04, A61K 31/44, C07D 401/14, A61P 13/12, 19/10**
(11) **WO 01/72737** (13) A1
(21) PCT/GB01/01314
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 0007405.4 **27 Mar/mar 2000 GB (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • TRIARYLIMIDAZOLE DERIVATIVES AS CYTOKINE INHIBITORS
• DERIVES DE TRIARYLIMIDAZOLE UTILISES COMME INHIBITEURS DE LA CYTOKINE
(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, P.O. Box 7929, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HARLING, John, David** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **GASTER, Laramie, Mary** [GB/GB]; GlaxoSmithKline, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
(74) **GIDDINGS, Peter, John**; GlaxoSmithKline, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 401/04, A61K 31/4709, A61P 31/04 // C07M 7:00**
(11) **WO 01/72738** (13) A1
(21) PCT/JP01/02761
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) ja (26) ja
(30) 2000-97690 **31 Mar/mar 2000 JP (31.03.2000)**
(30) 2000-271231 **7 Sep/sep 2000 JP (07.09.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • QUINOLONECARBOXYLIC ACID DERIVATIVE
• DERIVE D'ACIDE QUINOLONE-CARBOXYLIQUE
(71) **DAIICHI PHARMACEUTICAL CO., LTD.** [JP/JP]; 14-10, NIHONBASHI 3-CHOME, CHUO-KU, Tokyo 103-8234 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TAKEMURA, Makoto** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **TAKAHASHI, Hisashi** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **KAWAKAMI, Katsuhiko** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **ITOH, Masao** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **SUZUKI, Tetsuya** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **OHTANI, Tsuyoshi** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **SEKIGUCHI, Masayasu** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **MIYAUCHI, Rie** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP). **HAYAKAWA, Isao** [JP/JP]; C/O DAIICHI PHARMACEUTICAL CO., LTD. R & D CENTER, 16-13, KITAKASAI 1-CHOME, EDOGAWA-KU, Tokyo 134-8630 (JP).
(74) **ARUGA, Mitsuyuki** et al. / etc.; KYODO BLDG., 3-6, NIHONBASHININGYOCHO 1-CHOME, CHUO-KU, Tokyo 103-0013 (JP).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **C07D 401/06**
(11) **WO 01/72739** (13) A1
(21) PCT/FR01/00778
(22) **15 Mar/mar 2001 (15.03.2001)**
(25) fr (26) fr
(30) 00/03792 **24 Mar/mar 2000 FR (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR PREPARING 3-(4-HYDROXY-1H-INDOL-5-YL-METHYL)-PYRIDINIUM COMPOUNDS VIA ENONES
• PROCEDE DE PREPARATION DE COMPOSES 3-(4-HYDROXY-1H-INDOL-5-YLMETHYL)-PYRIDINIUM EN PASSANT PAR DES ENONES
(71) **L'OREAL** [FR/FR]; 14, rue Royale, F-75008 Paris (FR).
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(72, 75) **XU, Jinzhu** [FR/FR]; 38, rue Dareau, F-75014 Paris (FR).
(74) **FEVRIER, Murielle**; L'Oreal/D.P.I., 6, rue Bertrand Sincholle, F-92585 Clichy 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 401/14, 409/14, A61K 31/4196, A61P 31/00**
(11) **WO 01/72740** (13) A1
(21) PCT/US01/09288
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 09/533,479 **23 Mar/mar 2000 US (23.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • SUBSTITUTED 1-(4-AMINOPHENYL) TRIAZOLES AND THEIR USE AS ANTI-INFLAMMATORY AGENTS
• TRIAZOLES 1-(4-AMINOPHENYL) SUBSTITUES ET LEUR UTILISATION COMME AGENTS ANTI-INFLAMMATOIRES
(71) **BOEHRINGER INGELHEIM PHARMACEUTICALS, INC.** [US/US]; 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877-0368 (US).
(72) **SHARMA, Rajiv**; 37 Midrocks Road, Ridgefield, CT 06877 (US).
(74) **RAYMOND, Robert, P.** et al. / etc.; Boehringer Ingelheim Pharmaceuticals, Inc., 900 Ridgebury Road, P.O. Box 368, Ridgefield, CT 06877 (US).
(81) CA JP MX.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07D 405/**
(11) **WO 01/72741** (13) A2
(21) PCT/EP01/03463
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 0007376.7 **28 Mar/mar 2000 GB (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • THERAPEUTIC AGENTS
• AGENTS THERAPEUTIQUES
(71) **KNOLL AKTIENGESELLSCHAFT** [DE/DE]; 67061 Ludwigshafen (DE).
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(72, 75) **BIRCH, Alan, Martin** [GB/GB]; R5 Pennyfoot Street, Nottingham NG1 1GF (GB). **NEEDHAM, Patricia, Lesley** [GB/GB]; R4 Pennyfoot Street, Nottingham NG1 1GF (GB).
(74) **GOLDSCHIED, Bettina**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 405/06, A61K 31/34, A61P 7/10, C07D 307/81**
(11) **WO 01/72742** (13) A1
(21) PCT/EP01/03474
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) de (26) de
(30) 100 15 248.1 **28 Mar/mar 2000 DE (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • BISAMIDINO COMPOUNDS AS NHE-3 INHIBITORS
• COMPOSES BISAMIDINO UTILISES COMME INHIBITEURS DE NHE-3
(71) **MERCK PATENT GMBH** [US/US]; Frankfurter Strasse 250, 64293 Darmstadt (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **GERICKE, Rolf** [DE/DE]; Mozartstrasse 19, 64342 Seeheim (DE). **BEIER, Norbert** [DE/DE]; Maximilian-Kolbe-Strasse 11, 64354 Reinheim (DE). **WILM, Claudia** [DE/DE]; Dahlienweg 24, 64291 Darmstadt (DE). **RADDATZ, Peter** [DE/DE]; Im Kirschensand 27, 64665 Alsbach (DE).
(74) **ISENBRUCK, Günter**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Theodor-Heuss-Anlage 12, 68165 Mannheim (DE).
- (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 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 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C07D 405/12, 413/14, 417/14, A61K 31/4196, 31/422, 31/4439, 31/428, A61P 31/10**
(11) **WO 01/72743** (13) A1
(21) PCT/JP01/02443
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-86943 **27 Mar/mar 2000 JP (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • TRIAZOLE COMPOUNDS HAVING AMIDE LINKAGE
• COMPOSES TRIAZOLES POSSEDANT UNE LIAISON AMIDE
(71) **SANKYO COMPANY, LIMITED** [JP/JP]; 5-1, Nihonbashi Honcho 3-chome, Chuo-ku, Tokyo 103-8426 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **UCHIDA, Takuya** [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP). **KONOSU, Toshiyuki** [JP/JP]; c/o SANKYO COMPANY, LIMITED, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).
(74) **OHNO, Akio** et al. / etc.; c/o Sankyo Company, Limited, 2-58, Hiromachi 1-chome, Shinagawa-ku, Tokyo 140-8710 (JP).
(81) AU BR CA CN CZ HU ID IL IN KR MX NO NZ PL RU US ZA.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07D 405/14, A61K 31/44, 31/506, A61P 9/00**
(11) **WO 01/72744** (13) A1
(21) PCT/US01/09481
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/192,168 **27 Mar/mar 2000 US (27.03.2000)**
(30) 09/814,787 **22 Mar/mar 2001 US (22.03.2001)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • N-HETEROCYCLIC DERIVATIVES AS NOS INHIBITORS
• DERIVES N-HETEROCYCLIQUES UTILISES EN TANT QU'INHIBITEURS DE L'ONS
(63) US 60/192,168 (CON)
US 27 Mar/mar 2000 (27.03.2000)
US Not furnished /

- non communiqué (CON)
22 Mar/mar 2001 (22.03.2001)
- (71) **SCHERING AKTIENGESSELLSCHAFT** [DE/DE]; Müllerstrasse 178, 13342 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVEY, David, D.** [US/US]; 3813 Painted Pony Road, El Sobrante, CA 94803 (US). **PHAM, Eric** [US/US]; 1328 Ada Street, Berkeley, CA 94702 (US). **PHILLIPS, Gary, B.** [US/US]; 3043 Shetland Drive, Pleasant Hill, CA 94523 (US). **XU, Wei** [CN/US]; 327 Glasgow Circle, Danville, CA 94526 (US).
- (74) **ZELANO, Anthony, J.**; Millen, White, Zelano & Branigan, P.C., Arlington Courthouse Plaza 1, Suite 1400, 2200 Clarendon Boulevard, Arlington, VA 22201 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 409/04, 417/04, 417/14, A61K 31/506, A61P 35/00**
- (11) **WO 01/72745** (13) A1
(21) PCT/GB01/01423
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 0007636.4 **29 Mar/mar 2000 GB (29.03.2000)**
(30) 0015117.5 **20 Jun/juin 2000 GB (20.06.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • 2-SUBSTITUTED 4-HETEROARYL-PYRIMIDINES AND THEIR USE IN THE TREATMETN OF PROLIFERATIVE DISORDERS
• 4-HETEROARYLE-PYRIMIDINES SUBSTITUEES EN 2 ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES PROLIFERANTS
- (71) **CYCLACEL LIMITED** [GB/GB]; 12 St. James's Square, London SW1Y 7RB (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FISCHER, Peter, Martin** [CH/GB]; Denley Lodge, 1 Arbirlot Road, Arbroath, Angus DD11 2EN (GB). **WANG, Shudong** [AU/GB]; Burnside Mill, Forfar, Angus DD8 2RZ (GB).
- (74) **NACHSHEN, Neil, Jacob** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
- Published / Publiée : (c)
- Declarations / Déclarations :
(u) for / pour US only / seulement; (u) for / pour US only / seulement
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- (51)⁷ **C07D 457/06, A61K 31/47, A61P 25/00**
- (11) **WO 01/72746** (13) A1
(21) PCT/EP01/02969
(22) **15 Mar/mar 2001 (15.03.2001)**
(25) en (26) en
(30) 0007309.8 **24 Mar/mar 2000 GB (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CRYSTALLINE FORM VII OF CABERGOLINE
• FORME CRISTALLINE VII DE LA CABERGOLINE
- (71) **PHARMACIA & UPJOHN SPA** [IT/IT]; Via Robert Koch, 1.2, I-20152 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CANDIANI, Ilaria** [IT/IT]; Via Marengo, 13, I-21052 Busto Arsizio (IT). **BUDELLI, Raffaella** [IT/IT]; Via Bellavista, 29, I-21018 Sesto Calende (IT). **PANDOLFI, Marco** [IT/IT]; Via Della Guerrina, 33, I-20052 Monza (IT). **UNGARI, Mario** [IT/IT]; Via Pietro Calvi, 10, I-20129 Milan (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 457/06**
- (11) **WO 01/72747** (13) A1
(21) PCT/EP01/03098
(22) **19 Mar/mar 2001 (19.03.2001)**
(25) en (26) en
(30) 0007307.2 **24 Mar/mar 2000 GB (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CRYSTALLINE FORM II OF CABERGOLINE
• FORME CRISTALLINE II DE LA CABERGOLINE
- (71) **PHARMACIA & UPJOHN S.P.A.** [IT/IT]; Via Robert Koch, 1.2, I-20152 Milan (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOMASI, Attilio** [IT/IT]; Via Tommaso Gulli, 49, I-20147 Milan (IT). **MAGENES, Stefania** [IT/IT]; Via Oreglio, 8, I-20066 Melzo (IT). **RAMELLA, Giuliano** [IT/IT]; Ple Europa, 1A, I-26019 Vailate (IT). **UNGARI, Mario** [IT/IT]; Via Pietro Calvi, 10,
- I-20129 Milan (IT). **PANDOLFI, Marco** [IT/IT]; Via Della Guerrina, 33, I-20052 Monza (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07D 471/04 // (C07D 471/04, 235:00, 221:00)**
- (11) **WO 01/72748** (13) A1
(21) PCT/EP01/03511
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 00106698.4 **29 Mar/mar 2000 EP (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • IMIDAZOPYRIDIN-8-ONES
• IMIDAZOPYRIDIN-8-ONES
- (71) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH** [DE/DE]; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SENN-BILFINGER, Jörg** [DE/DE]; Säntisstrasse 7, 78464 Konstanz (DE). **BUHR, Wilm** [DE/DE]; Zum Kirchenwald, 78465 Konstanz (DE). **ZIMMERMANN, Peter** [DE/DE]; Radolfzeller Strasse 71a, 78467 Konstanz (DE).
- (74) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH**; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
- (81) AE AL AU BA BG BR CA CN CO CZ EE GE HR HU ID IL IN JP KR LT LV MK MX NO NZ PL RO SG SI SK UA US VN YU ZA ZW.
- (84) 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).
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- (51)⁷ **C07D 471/04, A61K 31/444, 31/4745, A61P 43/00, 37/06, 29/00, 19/02**
- (11) **WO 01/72749** (13) A1
(21) PCT/JP01/02439
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-086313 **27 Mar/mar 2000 JP (27.03.2000)**
(30) 2000-086524 **27 Mar/mar 2000 JP (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CONDENSED PYRAZOLE DERIVATIVES, PROCESS FOR PRODUCING THE SAME AND USE THEREOF

• DERIVES DE PYRAZOLE CONDENSE, PROCEDE DE PRODUCTION ET UTILISATION

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 540-8645 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIKAWA, Osamu** [JP/JP]; 15-16, Kozukayama 2-chome, Tarumi-ku, Kobe-shi, Hyogo 655-0002 (JP). **MITSUMI, Keita** [JP/JP]; 50-1-428, Yamadaminami, Suita-shi, Osaka 565-0823 (JP). **ASAKAWA, Akiko** [JP/JP]; 44-2-202, Akaoji-cho, Takatsuki-shi, Osaka 569-1146 (JP). **MORIMOTO, Shigeru** [JP/JP]; 7-13, Nishikioriminami 1-chome, Tondabayashi-shi, Osaka 584-0067 (JP). **YAMAMOTO, Masataka** [JP/JP]; 3-27-601, Nishiimagawa 2-chome, Higashisumiyoshi-ku, Osaka-shi, Osaka 546-0042 (JP). **KIMURA, Hiroyuki** [JP/JP]; 2-20-808, Ohamanakamachi 1-cho, Sakai-shi, Osaka 590-0975 (JP). **MORIYA, Takeo** [JP/JP]; B-202, Minobujinosu, 3-3-10, Nina, Mino-shi, Osaka 562-0005 (JP). **MIZUNO, Masahiro** [JP/JP]; 19-1-306, Yamazaki 4-chome, Shimamoto-cho, Mishima-gun, Osaka 618-0001 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; AYOYAMA & 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 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **C07D 477/20, 477/02, A61K 31/407, A61P 31/04**

(11) **WO 01/72750** (13) A1
(21) PCT/JP01/02834
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) ja (26) ja
(30) 2000-99868 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL CRYSTAL FORM OF PYRROLIDYLTHIOCARBAPENEM DERIVATIVE

• NOUVELLE FORME CRISTALLINE D'UN DERIVE DE PYRROLIDYLTHIOCARBAPENEM

(71) **SHIONOGI & CO., LTD.** [JP/JP]; 1-8, Doshomachi 3-chome, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAITOH, Izumi** [JP/JP]; c/o SHIONOGI & CO., LTD., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). **TAKAHIRA, Masayuki** [JP/JP]; c/o

SHIONOGI & CO., LTD., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). **KAWAKITA, Toshio** [JP/JP]; c/o SHIONOGI & CO., LTD., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP). **YOSHIOKA, Yasuyuki** [JP/JP]; c/o SHIONOGI & CO., LTD., 1-3, Kuise Terajima 2-chome, Amagasaki-shi, Hyogo 660-0813 (JP).

(74) **YAMAMOTO, Shusaku**; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ **C07D 487/04, A61K 31/505, A61P 35/00**

(11) **WO 01/72751** (13) A1
(21) PCT/US00/08593
(22) **29 Mar/mar 2000 (29.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • PYRROLOPYRIMIDINES AS TYROSINE KINASE INHIBITORS
• PYRROLOPYRIMIDINES UTILISEES COMME INHIBITEURS DE TYROSINE KINASES

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

(72, 75) **HIRST, Gavin, C.** [GB/US]; 112 Robert Road, Marlborough, MA 01752 (US). **CALDERWOOD, David** [GB/US]; 4 McCarthy Circle, Framingham, MA 01702 (US). **MUNSCHAUER, Rainer** [DE/DE]; Zeppelinstrasse 5, D-67435 Neustadt (DE). **ARNOLD, Lee, D.** [CA/US]; 216 Ruggles Street, Westborough, MA 01581 (US). **JOHNSTON, David, N.** [GB/GB]; R5 Pennyfoot Street, Nottingham, NG1 1GF (GB). **RAFFERTY, Paul** [GB/GB]; R5 Pennyfoot Street, Nottingham, NG1 1GF (GB).

(74) **ELMORE, Carolyn, S.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02421 (US).

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

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

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

(51)⁷ **C07D 487/04, A61K 31/5517, A61P 25/00, C07D 209/18 // (C07D 487/04, 243/00, 209/00)**

(11) **WO 01/72752** (13) A2
(21) PCT/US01/04950
(22) **8 Mar/mar 2001 (08.03.2001)**
(25) en (26) en
(30) 60/189,103 **14 Mar/mar 2000 US (14.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL 2,3,4,5-TETRAHYDRO-1H-[1,4]DIAZEPINO[1,7a]INDOLE COMPOUNDS
• NOUVEAUX COMPOSES A BASE DE 2,3,4,5-TETRAHYDRO-1H-[1,4]DIAZEPINO[1,7a]INDOLE

(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) **ENNIS, Michael, Dalton** [US/US]; 2416 Deep Forest Court, Portage, MI 49002 (US). **HOFFMAN, Robert, Louis** [US/US]; 1522 Evanston avenue, Kalamazoo, MI 49008 (US). **GHAZAL, Nabil, B.** [US/US]; 324 Prospect Avenue, SE, Grand Rapids, MI 49503 (US). **OLSON, Rebecca, M.** [US/US]; 311 Timber Ridge Drive, Kalamazoo, MI 49006 (US).

(74) **SOLOMON, Andrew, M.**; Intellectual Property Legal Services, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **C07D 491/08, C07C 235/76, A01N 43/38, 37/30**

(11) **WO 01/72753** (13) A1
(21) PCT/JP01/02328
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) ja (26) ja
(30) 2000-128625 **26 Mar/mar 2000 JP (26.03.2000)**
(30) 2000-361216 **28 Nov/nov 2000 JP (28.11.2000)**

(30) 2001-61528 **6 Mar/mar 2001 JP (06.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • KETOL FATTY ACID DERIVATIVES AND PLANT GROWTH REGULATING AGENTS
• DERIVES D'ACIDE GRAS CETOL ET AGENTS REGULANT LA CROISSANCE DE PLANTES
- (71) **SHISEIDO COMPANY, LTD.** [JP/JP]; 5-5, Ginza 7-chome, Chuo-ku, Tokyo 104-8010 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **IIDA, Toshii** [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). **YAMAGUCHI, Shoko** [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). **YOKOYAMA, Mineyuki** [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). **YOKOKAWA, Yoshihiro** [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). **KOBAYASHI, Koji** [JP/JP]; c/o Shiseido Research Center (Shin-Yokohama), 2-1, Hayabuchi 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-8558 (JP). **TANAKA, Osamu** [JP/JP]; 2-22, Ichinokubo, Terada, Joyo-shi, Kyoto 610-0121 (JP).
- (74) **SHIMURA, Mitsuharu**; 9-3, Sakuragaoka-cho, Shibuya-ku, Tokyo 150-0031 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C07D 491/14, 471/14, A61K 31/435, 31/415, A61P 1/04 // (C07D 471/14, 235:00, 221:00, 221:00) (C07D 491/14, 311:00, 235:00, 221:00)**
- (11) **WO 01/72754** (13) A1
(21) PCT/EP01/03507
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 00106696.8 **29 Mar/mar 2000 EP (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ALKYLATED IMIDAZOPYRIDINE DERIVATIVES
• DERIVES IMIDAZOPYRIDINE ALKYLES
- (71) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH** [DE/DE]; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **SIMON, Wolfgang-Alexander** [/]; Schubertstrasse 17, 78464 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf CA CO US)
- (72) **POSTIUS, Stefan**; Austr. 4b, 78464 Konstanz (DE). **KROMER, Wolfgang**; Hinterhauserstr. 5, 78464 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf CA CO US)
- (72, 75) **SENN-BILFINGER, Jörg** [DE/DE]; Säntisstrasse 7, 78464 Konstanz (DE).
- BUHR, Wilm** [DE/DE]; Zum Kirchenwald, 78465 Konstanz (DE).
- (74) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH**; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
- (81) AE AL AU BA BG BR CA CN CO CZ EE GE HR HU ID IL IN JP KR LT LV MK MX NO NZ PL RO SG SI SK UA US VN YU ZA ZW.
- (84) 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).
- Published / Publiée : (c)
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- (51)⁷ **C07D 491/14, 471/14, A61K 31/435, 31/415, A61P 1/04 // (C07D 471/14, 235:00, 221:00, 221:00) (C07D 491/14, 311:00, 235:00, 221:00)**
- (11) **WO 01/72756** (13) A1
(21) PCT/EP01/03514
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 00106695.0 **29 Mar/mar 2000 EP (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PRODRUGS OF IMIDAZOPYRIDINE DERIVATIVES
• PROMEDICAMENTS DE DERIVES D'IMIDAZOPYRIDINE
- (71) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH** [DE/DE]; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **SIMON, Wolfgang-Alexander**; Schubertstrasse 17, 78464 Konstanz (DE). **POSTIUS, Stefan**; Austr. 4b, 78464 Konstanz (DE). **HUBER, Reinhard**; Öhmdwiesenweg 10, 78476 Allensbach (DE). **KROMER, Wolfgang**; Hinterhauserstr. 5, 78464 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf CA CO US)
- (72, 75) **SENN-BILFINGER, Jörg** [DE/DE]; Säntisstrasse 7, 78464 Konstanz (DE). **BUHR, Wilm** [DE/DE]; Zum Kirchenwald, 78465 Konstanz (DE).
- (74) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH**; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
- (81) AE AL AU BA BG BR CA CN CO CZ EE GE HR HU ID IL IN JP KR LT LV MK MX NO NZ PL RO SG SI SK UA US VN YU ZA ZW.
- (84) 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).
- Published / Publiée : (c), (q1)
-
- (51)⁷ **C07D 491/14, 471/14, C07F 7/18, A61K 31/435, 31/415, A61P 1/04 // (C07D 471/14, 235:00, 221:00, 221:00) (C07D 491/14, 311:00, 235:00, 221:00)**
- (11) **WO 01/72757** (13) A1
(21) PCT/EP01/03603
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 00106688.5 **29 Mar/mar 2000 EP (29.03.2000)**
(30) 100 26 287.2 **26 May/mai 2000 DE (26.05.2000)**
(30) 100 39 689.5 **14 Aug/août 2000 DE (14.08.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TRICYCLIC IMIDAZOPYRIDINES
• IMIDAZOPYRIDINES TRICYCLIQUES
- (71) **BYK GULDEN LOMBERG CHEMISCHE FABRIK GMBH** [DE/DE]; Byk-Gulden-Strasse 2, 78467 Konstanz (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72) **SIMON, Wolfgang-Alexander**; Schubertstrasse 17, 78464 Konstanz (DE). **POSTIUS, Stefan**; Austrasse 4b, 78464 Konstanz (DE). **KROMER, Wolfgang**; Hinterhauserstrasse 5, 78464 Konstanz (DE).
(only for / seulement pour AE AL AM AT AU AZ BA BE BG BR BY CH CN CY CZ DE DK

EE ES FI FR GB GE GR HR HU ID IE IL IN
IT JP KG KR KZ LT LU LV MC MD MK MX
NL NO NZ PL PT RO RU SE SG SI SK TJ TM
TR UA VN YU ZA ZW)

(72, 75) **SENN-BILFINGER, Jörg** [DE/DE];
Säntisstrasse 7, 78464 Konstanz (DE).
BUHR, Wilm [DE/DE]; Zum Kirchenwald,
78465 Konstanz (DE). **HUBER, Reinhard**
[DE/DE]; Öhmdwiesenweg 10, 78476 Al-
lensbach (DE). **STURM, Ernst** [DE/DE];
Bohlstrasse 9, 78465 Konstanz (DE).

(74) **BYK GULDEN LOMBERG CHEMIS-
CHE FABRIK GMBH**; Byk-Gulden-Strasse
2, 78467 Konstanz (DE).

(81) AE AL AU BA BG BR CA CN CO CZ EE
GE HR HU ID IL IN JP KR LT LV MK MX
NO NZ PL RO SG SI SK UA US VN YU ZA
ZW.

(84) 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).

Published / Publiée : (c)

(51)⁷ **C07D 498/04, 513/04, A61K 31/436, A61P
13/12, 19/10, 37/06, 35/00**

(11) **WO 01/72758** (13) A1

(21) PCT/US01/10124

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/536,919 **28 Mar/mar 2000 US
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **TRICYCLIC PROTEIN KINASE IN-
HIBITORS**
• **INHIBITEURS TRICYCLIQUE DE LA
PROTEINE KINASE**

(71) **AMERICAN HOME PRODUCTS COR-
PORATION** [US/US]; Five Giralda Farms,
Madison, NJ 07940 (US).

(72) **TSOU, Hwei-Ru**; 7 Beverly Place,
New City, NY 10956 (US). **OVER-
BEEK-KLUMPERS, Elsebe, Geraldine**;
Sportlaan 179, NL-7691 BK Bergentheim
(NL). **WISSNER, Allan**; 31 Wood Avenue,
Ardasley, NY 10502 (US).

(74) **BERG, Egon, E.**; American Home Products
Corporation, Patent Law Department, Five
Giralda Farms, Madison, NJ 07940 (US) et
al. / etc.

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C07F 9/165, C10M 137/10 // C10N 30:06**

(11) **WO 01/72759** (13) A1

(21) PCT/US01/09086

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en
(30) 09/534,501 **24 Mar/mar 2000 US
(24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **FLUORINATED LUBRICANT ADDI-
TIVES**
• **ADDITIFS AUX MATIERES LUBRI-
FIANTES FLUOREES**

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

(72) **BEATTY, Richard, P.**; 11 Deerpath Lane,
Newark, DE 19711 (US).

(74) **DEITCH, Gerald, E.**; E. I. du Pont de
Nemours and Company, Legal Patent Records
Center, 1007 Market Street, Wilmington, DE
19898 (US).

(81) BR CA CN JP KR MX SG.

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

Published / Publiée : (c)

(51)⁷ **C07F 15/00, C07C 6/00, C08F 253/00,
255/06, 257/02**

(11) **WO 01/72760** (13) A1

(21) PCT/EP01/03118

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 15 452.2 **29 Mar/mar 2000 DE
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR POLYMERIZING PO-
LAR SUBSTITUTED CYCLOALKENES**
• **PROCEDE DE POLYMERISATION DE
CYCLOALKENES SUBSTITUES DE
MANIERE POLAIRE**

(71) **BAYER AKTIENGESELLSCHAFT**
[DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **OSTOJA STARZEWSKI, Karl-Heinz,
Aleksander** [DE/DE]; Jeschkenweg 10,
61118 Bad Vilbel (DE). **WEISS, Karin**
[DE/DE]; Hinterlehen 22, 95463 Bindlach
(DE). **THÜRING, Martin, Olaf** [DE/DE];
Krumme Gasse 9, 95615 Marktredwitz (DE).

(74) **BAYER AKTIENGESELLSCHAFT**;
51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **C07H**

(11) **WO 01/72761** (13) A2

(21) PCT/US01/08283

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en
(30) 60/192,127 **24 Mar/mar 2000 US
(24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **HAPLOTYPES OF THE PLTP GENE**
• **HAPLOTYPES DU GENE PLTP**

(71) **GENAISSANCE PHARMACEUTICALS,
INC.** [US/US]; Five Science Park, New
Haven, CT 06511 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **CHEW, Anne** [US/US]; 1477 Bea-
con Street, #64, Brookline, MA 02446
(US). **CHOL, Julie, Y.** [US/US]; 38 Eliza-
beth Street, West Haven, CT 06516 (US).
KOSHY, Beena [IN/US]; 1298 Hartford
Turnpike, Apt. 11B, North Haven, CT 06473
(US).

(74) **SHANER, Sandra, L.** et al. / etc.; Genai-
ssance Pharmaceuticals, Inc., Five Science
Park, New Haven, CT 06511 (US).

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

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

(51)⁷ **C07H 15/04, 5/06, 11/00, 7/033, C08B
37/00, A61K 31/70, A61P 29/00**

(11) **WO 01/72762** (13) A1

(21) PCT/FR01/00903

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) fr (26) fr

(30) 00/03910 **28 Mar/mar 2000 FR
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **PHARMACEUTICAL COMPOSITIONS
CONTAINING OLIGOSACCHARIDES
AND PREPARATION THEREOF**

• **COMPOSITIONS PHARMACEU-
TIQUES CONTENANT DES OLIGO-
SACCHARIDES ET LEUR PREPARA-
TION**

(71) **AVENTIS PHARMA S.A.** [FR/FR]; 20 Av-
enue Raymond Aron, F-92160 Antony (FR).

(72) **MOURIER, Pierre**; 1 rue Etienne Mehul,
F-94220 Charenton Le Pont (FR). **PERRIN,
Elisabeth**; 23 rue Poitevin, F-27000 Evreux
(FR). **VISKOV, Christian**; 3 rue du Béarn,
F-91130 Ris Orangis (FR).

(74) **MORVAN, Michèle**; Aventis Pharma S.A.,
Direction Brevets, 20 Avenue Raymond Aron,
F-92165 Antony Cedex (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ C07H 17/08

(11) WO 01/72763 (13) A1

(21) PCT/FR01/00897

(22) 23 Mar/mar 2001 (23.03.2001)

(25) fr (26) fr

(30) 00/03807 24 Mar/mar 2000 FR (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR PREPARING 9-DEOXY-8A-AZA-(8A-ALKYL)-8A-HOMOERYTHROMYCIN A DERIVATIVES FROM 9-DEOXY-9(Z)-HYDROXYIMINOERYTHROMYCIN A

• PROCEDE POUR LA PREPARATION DE DERIVES 9-DEOXY-8A-AZA-(8A-ALKYL)-8A-HOMOERYTHROMYCINE A A PARTIR DE LA 9-DEOXY-9(Z)-HYDROXYIMINOERYTHROMYCINE A

(71) MERIAL [FR/FR]; 17, rue Bourgelat, F-69002 Lyon (FR).

(72) LEON, Patrick; 9, chemin de la Vernique, F-69160 Tassin-la-Demi-Lune (FR). LHERMITTE, Frédéric; 25, rive d'Ozon, F-69360 Saint Symphorien D'Ozon (FR). ODDON, Gilles; 6, allée du Parc, F-69003 Lyon (FR). PAUZE, Denis; 162, rue de l'Ozon, F-69360 Solaize (FR).

(74) MONCHENY, Michel; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07H 21/00, 19/16, A61K 31/70, C12Q 1/68, C07H 19/20

(11) WO 01/72764 (13) A1

(21) PCT/EP01/03458

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 00106017.7 28 Mar/mar 2000 EP (28.03.2000)

(30) 00108023.3 20 Apr/avr 2000 EP (20.04.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • N⁶- AND C⁸-LINKED PURINE BASES AND STRUCTURALLY RELATED HETEROCYCLES AS UNIVERSAL NUCLEOSIDES USED FOR OLIGONUCLEOTIDE HYBRIDIZATION

• BASES DE PURINE PRESENTANT UNE LIAISON N⁶ ET C⁸ ET HETEROCYCLES DE STRUCTURE APPARENTEE EN TANT QUE NUCLEOSIDES UNIVERSELS UTILISES POUR UNE HYBRIDATION D'OLIGONUCLEOTIDES

(71) ROCHE DIAGNOSTICS GMBH [DE/DE]; 68298 Mannheim (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) SEELA, Frank [DE/DE]; Gutenbergstrasse 44, 49076 Osnabrueck (DE). DEBELAK, Harald [DE/DE]; Auf der Horst 6, 49205 Hasbergen (DE). BERGMANN, Frank [DE/DE]; Faltergatter 5, 82393 Ifeldorf (DE). HEINDL, Dieter [DE/DE]; Waldschmidtstrasse 1, 82327 Tutzing (DE). VON DER ELTZ, Herbert [DE/DE]; In der Au 21, 82362 Weilheim (DE).

(74) ROCHE DIAGNOSTICS GMBH; Patent Department, 68298 Mannheim (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).

Published / Publiée : (c)

(51)⁶ C07H 21/02, 21/04, C12Q 1/68, A01N 43/04, A61K 31/70, C12N 15/85, 15/86

(11) WO 01/72765 (13) A1

(21) PCT/US00/08174

(22) 28 Mar/mar 2000 (28.03.2000)

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ALTERATION OF CELLULAR BEHAVIOR BY ANTISENSE MODULATION OF mRNA PROCESSING

• MODIFICATION DE COMPORTEMENT CELLULAIRE PAR MODULATION ANTISENS DE LA MATURATION D'ARN MESSAGER

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2280 Faraday Avenue, Carlsbad, CA 92008 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BENNETT, C., Frank [US/US]; 1347 Cassins Street, Carlsbad, CA 92008 (US). CROOKE, Stanley, T. [US/US]; 3211 Piraqua Street, Carlsbad, CA 92009 (US). MANOHARAN, Muthiah [US/US]; 7634 Reposo Drive, Carlsbad, CA 92009 (US). WYATT, Jacqueline, R. [US/US]; 1065 Hymettus Avenue, Encinitas, CA 92024 (US). BAKER, Brenda, F. [US/US]; 2147 Avenida Toronja, Carlsbad, CA 92009 (US). MONIA, Brett, P. [US/US]; 7605 Nueva Castilla Way, La Costa, CA 92009 (US). FREIER, Susan, M. [US/US]; 2946 Renault Street, San Diego, CA 92122 (US). MCKAY, Robert [US/US]; 4780 Wilson Avenue #1, San Diego, CA 92116 (US). KARRAS, James, G. [US/US]; 1159 Montura Road, San Marcos, CA 92069 (US).

(74) LICATA, Jane, Massey et al. / etc.; Law Offices of Jane Massey Licata, 66 E. Main Street, Marlton, NJ 08053 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ C07H 21/04, C12Q 1/68

(11) WO 01/72766 (13) A1

(21) PCT/US01/10328

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/192,896 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • QUALITY CONTROL REAGENTS FOR NUCLEIC ACID MICROARRAYS

• REACTIFS DE CONTROLE DE QUALITE POUR JEUX ORDONNEES DE MICROECHANTILLONS D'ACIDES NUCLEIQUES

(71) POLYPROBE, INC. [US/US]; 4170 City Avenue, Philadelphia, PA 19131-1694 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GETTS, Robert, C. [US/US]; 218 Winterberry Lane, Colledgeville, PA 19426 (US). KADUSHIN, James, M. [US/US]; 2358 Turnbury Road, Gilbertsville, PA 19525 (US). ZAK, Ari [US/US]; 43 Carlisle Road, New Rochelle, NY 10804 (US).

(74) FOLEY, Shawn, P. et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07J 41/00, A61K 31/565, A61P 19/10, 5/24, 17/12, 17/16

(11) WO 01/72767 (13) A1

(21) PCT/FR01/00828

(22) 20 Mar/mar 2001 (20.03.2001)

(25) fr (26) fr

(30) 00/03846 27 Mar/mar 2000 FR (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEHYDROEPIANDROSTERONE DERIVATIVES, PREPARATION

METHOD AND USES THEREOF, IN PARTICULAR FOR COSMETICS

- DERIVES DE DEHYDROEPIANDROSTERONE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS, NOTAMMENT COSMETIQUES

(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) **DALKO, Maria** [FR/FR]; 16, Résidence du Château de Courcelles, F-91190 Gif sur Yvette (FR). **GALEY, Jean-Baptiste** [FR/FR]; 12, rue Charles Dordain, F-93600 Aulnay-sous-Bois (FR).

(74) **RASSON, Catherine**; L'Oréal - D.P.L., 6, rue Bertrand Sinholle, F-92585 Clichy 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **C07K**

(11) **WO 01/72768** (13) A2

(21) PCT/IL01/00260

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/534,966 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SINGLE CHAIN CLASS I MAJOR HISTO-COMPATIBILITY COMPLEXES, CONSTRUCTS ENCODING SAME AND METHODS OF GENERATING SAME

- COMPLEXES MAJEURS D'HISTO-COMPATIBILITE MONOCATENAIRES DE CLASSE I, CONSTRUCTIONS LES CODANT ET LEURS METHODES DE PRODUCTION

(71) **TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD.** [IL/IL]; Gutwirth Science Park, Technion City, 32000 Haifa (IL).

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

(72, 75) **REITER, Yoram** [IL/IL]; 20 Hasahlav Street, 34790 Haifa (IL).

(74) **G. E. EHRlich (1995) LTD.**; 28 Bezalel Street, 52521 Ramat Gan (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **C07K 1/00**

(11) **WO 01/72769** (13) A2

(21) PCT/US01/09815

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/193,351 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR PURIFYING HIGHLY ANIONIC PROTEINS

- METHODES DE PURIFICATION DE PROTEINES HAUTEMENT ANIONIQUES

(71) **GENETICS INSTITUTE, INC.** [US/US]; 87 Cambridge Park Drive, Cambridge, MA 02140 (US).

(72) **COFFMAN, Jonathan, L.**; 2 Spinnaker Circle, Haverhill, MA 01830 (US). **FOSTER, William, Barry**; 11 Chestnut Hill Road, Chelmsford, MA 01824 (US). **GERMAIN, Bonnie, J.**; 5 Kimball Lane, Webster, NH 03303 (US). **SUN, Shujun**; 43 Peabody Drive, Brentwood, NH 03833 (US). **ROBINSON, Jeffrey, J.**; 22 Unicorn Circle, Amesbury, MA 01913 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **C07K 5/10, 7/04, A61K 38/07, 38/08**

(11) **WO 01/72770** (13) A1

(21) PCT/AU01/00354

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) PQ 6618 **31 Mar/mar 2000 AU (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INSULIN POTENTIATING PEPTIDES

- PEPTIDES POTENTIALISATEURS D'INSULINE

(71) **METABOLIC PHARMACEUTICALS LIMITED** [AU/AU]; 10 Wallace Avenue, Toorak, VIC 3142 (AU).

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

(72, 75) **NG, Frank, Man-Woon** [AU/AU]; 144 Edgevale Road, Kew, VIC 3101 (AU).

JIANG, Woei-Ji [CN/AU]; Flat 7, 86 Wellington Road, Clayton, VIC 3168 (AU).

(74) **GRIFFITH HACK**; Level 3, 509 St Kilda Road, Melbourne, VIC 3004 (AU).

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

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

(51)⁷ **C07K 7/08, C12N 15/11, A61K 38/16, C07K 14/00, G01N 33/68, C12N 5/12, A61K 38/10**

(11) **WO 01/72771** (13) A2

(21) PCT/US00/08528

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INSULIN AND IGF-1 RECEPTOR AGONISTS AND ANTAGONISTS

- AGONISTES ET ANTAGONISTES DU RECEPTEUR DE L'INSULINE ET D'IGF-1

(71) **DGI BIOTECHNOLOGIES, L.L.C.** [US/US]; 40 Talmadge Road, Edison, NJ 08818 (US). **NOVO NORDISK A/S** [DK/DK]; Krogshøjvej 31, DK-2880 Bagsvaerd (DK).

(72) **BEASLEY, James**; 35 Magellan Way, Franklin Park, NJ 08823 (US). **BLUME, Arthur, J.**; 11 Walden Drive, Annandale, NJ 08801 (US). **SCHÄFFER, Laue**; Hornemansgade 12,1, DK-2100 Copenhagen Ø (DK). **PILLUTLA, Renuka**; 10 Pope Road, Bridgewater, NJ 08807 (US). **BRANDT, Jakob**; Tjoernevangen 27, DK-2700 Broenshoej (DK). **BRISSETTE, Renee**; 2676 Wildberry Court, Edison, NJ 08817 (US). **SPETZLER, Jane**; Østbanegade 41, 1, t.h., DK-2100 Copenhagen Ø (DK). **CHENG, Weiqing**; Crowell Road, Apartment 323-C, Highland Park, NJ 08904 (US). **ØSTERGAARD, Søren**; Borrebyvej 21, DK-2700 Brøenshoej (DK). **MANDECKI, Wlodek, S.**; 516 Hemlock Lane, Libertyville, IL 60048 (US). **HANSEN, Per, Hertz**; Nybrovej 222, DK-2800 Lyngby (DK). **RAVERA, Mark**; 579 Shunpike Road, Chatham, NJ 07928 (US). **HSIAO, Ku-chuan**; 5 Wendover Road, Edison, NJ 08820 (US).

(74) **SONNENFELD, Kenneth, H.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154-0053 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

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

(51)⁷ C07K 14/00

(11) WO 01/72772 (13) A2

(21) PCT/EP01/03528

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 00106093.8 30 Mar/mar 2000 EP
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● NOVEL CALCIUM-BINDING REGULATORY SUBUNIT

● NOUVELLE SOUS-UNITÉ DE RÉGULATION DE LA FIXATION DU CALCIUM

(71) MERCK PATENT GMBH [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).

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

(72, 75) WILM, Claudia [DE/DE]; Dahlienweg 24, 64291 Darmstadt (DE).

(74) MERCK PATENT GMBH; 64271 Darmstadt (DE).

(81) CA 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 C07K 14/00

(11) WO 01/72773 (13) A2

(21) PCT/EP01/03542

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,934 29 Mar/mar 2000 US
(29.03.2000)

(30) 60/205,026 18 May/mai 2000 US
(18.05.2000)

(30) 60/205,020 18 May/mai 2000 US
(18.05.2000)

(30) 60/205,769 19 May/mai 2000 US
(19.05.2000)

(30) 60/205,767 19 May/mai 2000 US
(19.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ORGANIC COMPOUNDS

● COMPOSES ORGANIQUES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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

(71) NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H. [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) WERNER, Gudrun [DE/AT]; Gebirgsgasse 68, A-1230 Vienna (AT). PHARES, William [US/AT]; Julius-Tandler-Platz 4, A-1090 Vienna (AT). JARITZ, Markus [AT/AT]; Hans-Pfitzner-Strasse 9, A-5020 Salzburg (AT). LAPP, Hilmar [DE/AT]; Steinbauergasse 31/8, A-1120 Vienna (AT). KALTHOFF, Frank, Stephan [DE/AT]; Mödlingerstrasse 3/6, A-2353 Guntramsdorf (AT).

(74) BECKER, Konrad; Novartis AG, Corporate Intellectual Property, Patent & Trademark Department, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C07K 14/00

(11) WO 01/72774 (13) A2

(21) PCT/GB01/01297

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 0007268.6 24 Mar/mar 2000 GB
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CELL CYCLE PROGRESSION PROTEINS

● PROTEINES DE PROGRESSION DU CYCLE CELLULAIRE

(71) CYCLACEL LIMITED [GB/GB]; Dundee Technopole, James Lindsay Place, Dundee DD1 5JJ (GB).

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(72, 75) DEAK, Peter [HU/GB]; 27 George Nuttall Close, Cambridge CB4 1YE (GB). GLOVER, David, Moore [GB/GB]; Vincent Cottage, 20 Fox Street, Great Gransdon, Sandy, Bedfordshire SG19 3AA (GB). MIDGLEY, Carol [GB/GB]; Daisy Cottage, 9 Mount Pleasant, Aspley Guise, Milton Keynes MK17 8JZ (GB).

(74) KHOO, Chong-Yee 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C07K 14/00

(11) WO 01/72775 (13) A2

(21) PCT/US01/10051

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/192,921 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● COMPOSITIONS AND METHODS OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING LUNG CANCER

● COMPOSITIONS ET METHODES DE DIAGNOSTIC, DE SURVEILLANCE, DE STADIFICATION, D'IMAGERIE, ET DE TRAITEMENT DU CANCER DU POUMON

(71) DIADEXUS, INC. [US/US]; 3303 Octavius Drive, Santa Clara, CA 95054 (US).

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

(72, 75) CHEN, Sei-Yu [—/US]; 160 Mira Street, Foster City, CA 94404 (US). HU, Ping [US/US]; 108 Palmer Street, San Ramon, CA 94583 (US). RECIPON, Herve [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). MACINA, Roberto, A. [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US).

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

(81) AU CA 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 C07K 14/00

(11) WO 01/72776 (13) A2

(21) PCT/US01/10068

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/192,942 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AGENT AND METHOD FOR REDUCING INTRAOCULAR PRESSURE

● AGENT ET PROCEDE PERMETTANT DE REDUIRE LA TENSION INTRA-OCULAIRE

(71) WISCONSIN ALUMNI RESEARCH FOUNDATION [US/US]; 614 Walnut Street, P.O. Box 7365, Madison, WI 53707-7365 (US).

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

(72, 75) PETERS, Donna, M. [US/US]; 6373 Briarcliff Lane, Middleton, WI 53562 (US). KAUFMAN, Paul, L. [US/US]; 3006 Harvard Drive, Madison, WI 53705 (US).

(74) BERSON, Bennett, J.; Quarles & Brady LLP, P.O. Box 2113, Madison, WI 53701-2113 (US).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C07K 14/00

(11) WO 01/72777 (13) A2

(21) PCT/US01/08117

(22) 13 Mar/mar 2001 (13.03.2001)

- (25) en (26) en
(30) 60/188,986 13 Mar/mar 2000 US (13.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • TRANSCRIPTION FACTORS
• FACTEURS DE TRANSCRIPTION
(63) US 60/188,986 (CIP)
13 Mar/mar 2000 (13.03.2000)
(71) **INCYTE GENOMICS, INC.** [US/US]; 3160 Porter Drive, Palo Alto, Ca 94304 (US). *(for all designated States except / pour tous les États désignés sauf US)*
(72, 75) **HILLMAN, Jennifer, L.** [US/US]; 230 Monroe Drive, #17, Mountain View, CA 94040 (US). **BAUGHN, Mariah, R.** [US/US]; 14244 Santiago Road, San Leandro, CA 94577 (US). **YUE, Henry** [US/US]; 826 Lois Avenue, Sunnyvale, CA 94087 (US). **LAL, Preeti** [IN/US]; P.O. Box 5142, Santa Clara, CA 95056 (US). **LU, Dyung, Aina, M.** [US/US]; 233 Coy Drive, San Jose, CA 95123 (US). **PATTERSON, Chandra** [US/US]; 490 Sherwood Way, #1, Menlo Park, CA 94025 (US). **AZIMZAI, Yalda** [US/US]; 5518 Boulder Canyon Drive, Castro Valley, CA 94552 (US). **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **TANG, Y., Tom** [US/US]; 4230 Ranwick Court, San Jose, CA 95118 (US). **MATHUR, Preete** [US/US]; 43733 Greenhills Way, Fremont, CA 94539 (US). **SHAH, Purvi** [IN/US]; 859 Salt Lake Drive, San Jose, CA 95133 (US). **AU-YOUNG, Janice** [US/US]; 233 Golden Eagle Lane, Brisbane, CA 94005 (US). **REDDY, Roopa** [IN/US]; 1233 W. McKinley Avenue, #3, Sunnyvale, CA 94086 (US).
(74) **HAMLET-COX, Diana** et al. / etc.; Incyte Genomics, Inc., 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
(51)⁷ C07K 14/00
(11) **WO 01/72778** (13) A2
(21) PCT/US01/08853
(22) **20 Mar/mar 2001 (20.03.2001)**
(25) en (26) en
(30) 60/192,920 29 Mar/mar 2000 US (29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD OF IDENTIFYING INHIBITORS OF TIE-2
• PROCEDE D'IDENTIFICATION DES INHIBITEURS DE TIE-2
(71) **BASF AKTIENGESSELLSCHAFT** [DE/DE]; 67056 Ludwigshafen, Rheinland-Pfalz (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BUMP, Nancy, J.** [US/US]; 376 Andover Street, Lowell, MA 01852 (US). **ARNOLD, Lee, D.** [CA/US]; 216 Ruggles Street, Westborough, MA 01581 (US). **DIXON, Richard, W.** [US/US]; 6 Samuel Drive, North Grafton, MA 01536 (US). **HOEFFKEN, Hans, Wolfgang** [DE/DE]; Caro-Bosch-Strasse 38, 67056 Ludwigshafen (DE). **ALLEN, Karen** [US/US]; 80 East Concord Street, Boston, MA 02118 (US). **BELLAMACINA, Cornelia** [US/US]; 80 East Concord Street, Boston, MA 02118 (US).
(74) **ELMORE, Carolyn, S.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
(51)⁷ C07K 14/00
(11) **WO 01/72779** (13) A1
(21) PCT/US01/09512
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/192,118 24 Mar/mar 2000 US (24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • CHARACTERIZATION OF GRP94-LIGAND INTERACTIONS AND PURIFICATION, SCREENING, AND THERAPEUTIC METHODS RELATING THERETO
• CARACTERISATION D'INTERACTIONS LIGANDS-GRP94 ET METHODES DE PURIFICATION, DE CRIBLAGE ET DE TRAITEMENT ASSOCIEES
(71) **DUKE UNIVERSITY** [US/US]; 230 North Building, Research Drive, Durham, NC 27708 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NICCHITTA, Christopher, V.** [US/US]; 115 Pinecrest Road, Durham, NC 27705 (US). **WASSENBERG, James, J.** [US/US]; 1208 Alabama Avenue, Durham, NC 27705 (US). **ROSSER, Meredith, F., N.** [US/US]; 2623 Cohnwood Drive, Durham, NC 27705 (US). **REED, Robyn, C.** [US/US]; 3088 Colony Road, Apt. E, Durham, NC 27705 (US).
(74) **TAYLOR, Arles, A., Jr.**; Jenkins & Wilson, P.A., Suite 1400, University Tower, 3100 Tower Boulevard, Durham, NC 27707 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
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 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 GW ML MR NE SN TD TG).
(51)⁷ C07K 14/00
(11) **WO 01/72780** (13) A2
(21) PCT/US01/09525
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/192,277 27 Mar/mar 2000 US (27.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • COMPOSITIONS AND METHODS OF DIGANOSING, MONITORING, STAGING, IMAGING AND TREATING MAMMARY GLAND CANCER
• COMPOSITIONS ET METHODES PERMETTANT LE DIAGNOSTIC, LE CONTROLE, LA STADIFICATION, L'IMAGERIE ET LE TRAITEMENT DU CANCER DES GLANDES MAMMAIRES
(71) **DIADEXUS, INC.** [US/US]; 3303 Octavius Drive, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SALCEDA, Susana** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US). **HU, Ping** [US/US]; 108 Palmer Street, San Ramon, CA 94583 (US). **RECIPON, Herve** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **CAFFERKEY, Robert** [IE/US]; 350 Elan Village Lane, Apartment 218, San Jose, CA 95134 (US).
(74) **LICATA, Jane, Massey** et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
(81) AU CA 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 C07K 14/00
(11) **WO 01/72781** (13) A2
(21) PCT/US01/09952
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,583 28 Mar/mar 2000 US (28.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • HUMAN GENES AND GENE EXPRESSION PRODUCTS XVI
• GENES HUMAINS ET PRODUITS D'EXPRESSION GENIQUE XVI
(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street-R440, Emeryville, CA 04608 (US). **HYSEQ INC.** [US/US]; 675 Almanor Avenue, Sunnyvale, CA 94086 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **WILLIAMS, Lewis, T.** [US/US]; 3 Miroflores, Tiburon, CA 94920 (US). **ESCOBEDO, Jaime** [CL/US]; 1470 Lavorna Road, Alamo, CA 94507 (US). **INNIS,**

- Michael, A.** [US/US]; 315 Constance Place, Moraga, CA 94556 (US). **GARCIA, Pablo, Dominguez** [CL/US]; 882 Chenery Street, San Francisco, CA 94131 (US). **SUD-DUTH-KLINGER, Julie** [US/US]; 280 Lexington Road, Kensington, CA 94707 (US). **REINHARD, Christoph** [DE/US]; 1633 Clinton Avenue, Alameda, CA 94501 (US). **HE, Zhijun** [US/US]; Union City, CA (US). **RANDAZZO, Filippo** [US/US]; 690 Chestnut Street, Apt. 403, San Francisco, CA 94133 (US). **KENNEDY, Giulia, C.** [US/US]; 360 Castaneda Avenue, San Francisco, CA 94116 (US). **POT, David** [CA/US]; 1565 5th Avenue #102, San Francisco, CA 94112 (US). **KASSAM, Altat** [US/US]; 2659 Harold Street, Oakland, CA 94602 (US). **LAMSON, George** [US/US]; 232 Sandringham Drive, Moraga, CA 94556 (US). **DRMANAC, Radoje** [YU/US]; 850 East Greenwich Place, Palo Alto, CA 94303 (US). **CRKVENJAKOV, Radomir** [YU/US]; 762 Haverhill Drive, Sunnyvale, CA 94068 (US). **DICKSON, Mark** [US/US]; 1411 Gabilan Drive #B, Hollister, CA 95025 (US). **DRMANAC, Snezana** [YU/US]; 850 East Greenwich Place, Palo Alto, CA 94303 (US). **LABAT, Ivan** [YU/US]; 140 Acalanes Drive, Sunnyvale, CA 94086 (US). **LESHKOWITZ, Dena** [US/US]; 678 Durshire Way, Sunnyvale, CA 94087 (US). **KITA, David** [US/US]; 899 Bounty Drive, Foster City, CA 94404 (US). **GARCIA, Veronica** [ES/US]; 396 Ano Nuevo, Apt. 412, Sunnyvale, CA 94086 (US). **JONES, Lee, William** [US/US]; 396 Ano Nuevo #412, Sunnyvale, CA 94086 (US). **STACHE-CRAIN, Birgit** [DE/US]; 345 South Mary Avenue, Sunnyvale, CA 94086 (US).
- (74) **BLACKBURN, Robert, P.**; Chief Patent Counsel, Chiron Corporation, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/005, A61K 39/12**
- (11) **WO 01/72782** (13) A2
- (21) PCT/US01/08576
- (22) **16 Mar/mar 2001 (16.03.2001)**
- (25) en (26) en
- (30) 09/534,639 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 09/692,170 **20 Oct/oct 2000 US (20.10.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • IMMUNO-REACTIVE PEPTIDE CTL EPITOPES OF HUMAN CYTOMEGALOVIRUS
- EPITOPES CTL DU TYPE PEPTIDES IMMUNOREACTIFS DU CYTOMEGALOVIRUS HUMAINS
- (71) **CITY OF HOPE** [US/US]; 1500 East Duarte Road, Duarte, CA 91010-3000 (US).
- (72) **DIAMOND, Don, J.**; 415 N. Elwood Avenue, Glendora, CA 91205 (US).
- (74) **FIGG, E., Anthony** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., Suite 701-E, 555 13th Street, N.W., 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/195**
- (11) **WO 01/72783** (13) A2
- (21) PCT/US01/09401
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/534,692 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • INCREASED PRODUCTION OF SECRETED PROTEINS BY RECOMBINANT EUKARYOTIC CELLS
- PRODUCTION ACCRUE DE PROTEINES SECRETEES PAR DES CELLULES EUKARYOTES RECOMBINANTES
- (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) **PENTTILA, Merja, E.** [FI/FI]; Vattuniemenkatu 22A2, FIN-00210 Helsinki (FI). **WARD, Michael** [US/US]; 4372 24th Street, San Francisco, CA 94114 (US). **WANG, Huaming** [US/US]; 4337 Calypso Terrace, Fremont, CA 94555 (US). **VALKONEN, Mari, J.** [FI/FI]; Harjutorinkatu 1A16, FIN-00500 Helsinki (FI). **SALOHEIMO, Markku, L., A.** [FI/FI]; Kyntajantie 18b, FIN-00390 Helsinki (FI).
- (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/415, C12N 15/29, A61K 38/16, A61P 35/00**
- (11) **WO 01/72784** (13) A2
- (21) PCT/US01/09453
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/534,705 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • THERAPEUTIC PEPTIDES HAVING A MOTIF THAT BINDS SPECIFICALLY TO NON-ACETYLATED H3 AND H4 HISTONES FOR CANCER THERAPY
- THERAPIE ANTI-CANCEREUSE : PEPTIDES THERAPEUTIQUES AVEC MOTIF SE LIANT SPECIFIQUEMENT A DES HISTONES H3 ET H4 NON ACETYLES
- (63) US 09/534,705 (CIP)
24 Mar/mar 2000 (24.03.2000)
- (71) **FILGEN BIOSCIENCES, INC.** [US/US]; 2333 Courage Drive, Suite C, Fairfield, CA 94533 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GALVEZ, Alfredo, F.** [PH/US]; 2800 Dover Avenue #G-5, Fairfield, CA 94533 (US).
- (74) **PETERS, Howard, M.** et al. / etc.; Peters, Verny, Jones & Biksa, LLP, Suite 6, 385 Sherman Avenue, Palo Alto, CA 94306 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**
- (11) **WO 01/72785** (13) A1
- (21) PCT/CN01/00329
- (22) **16 Mar/mar 2001 (16.03.2001)**
- (25) zh (26) zh
- (30) 00 1 14974.1 **17 Mar/mar 2000 CN (17.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NOVEL POLYPEPTIDE-HUMAN HELIX-LOOP-HELIX PROTEIN 17 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE
- NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE HELICE-BOUCLE-HELICE 17 (B-HLH), ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).
- (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

(11) **WO 01/72786** (13) A1

(21) PCT/CN01/00331

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) zh (26) zh

(30) 00 1 14977.6 **17 Mar/mar 2000 CN (17.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE - TUMOR SUPPRESSOR PROTEIN 63 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, FACTEUR D'INHIBITION TUMORALE 63, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(u) for / pour US only / seulement

(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

(11) **WO 01/72787** (13) A1

(21) PCT/CN01/00333

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) zh (26) zh

(30) 00 1 14981.4 **17 Mar/mar 2000 CN (17.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN PEROXIDOSOME ASSEMBLY FACTOR 10 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN 10 INDIQUANT L'ASSEMBLAGE DES PEROXYSOMES, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

(11) **WO 01/72788** (13) A1

(21) PCT/CN01/00393

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15110.X **24 Mar/mar 2000 CN (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN PTERIN-MOLYBDENUM OXIDOREDUCTASE 10 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PTERINE-MOLYBDENE OXYDOREDUCTASE HUMAINE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road,

Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) for the following designation / pour la désignation suivante : US; (t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 VU YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 01/72789** (13) A1

(21) PCT/CN01/00397

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15093.6 **24 Mar/mar 2000 CN (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN ZINC FINGER PROTEIN 10 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE A DOIGT DE ZINC 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C07K 14/435, C12N 15/12, A61K 38/17

(11) WO 01/72790 (13) A1

(21) PCT/CN01/00417

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15161.4 27 Mar/mar 2000 CN (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN L1 FACTOR P40 PROTEIN 12 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE P40 12 DE FACTEUR L1, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM

KE LS MW MZ SD SL SZ TZ UG 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 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 C07K 14/435, C12N 15/61, A61K 38/43

(11) WO 01/72791 (13) A1

(21) PCT/CN01/00419

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15159.2 27 Mar/mar 2000 CN (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN TRIOSE-PHOSPHATE ISOMERASE 11 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, TRIOSE PHOSPHATE ISOMERASE HUMAINE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C07K 14/435, C12N 15/12, A61K 38/17

(11) WO 01/72792 (13) A1

(21) PCT/CN01/00448

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15243.2 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE - HOMO UBIQUITIN-LIKE PROTEIN 13 AND POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 13 ANALOGUE A L'UBIQUITINE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00

(11) WO 01/72793 (13) A1

(21) PCT/CN01/00476

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15200.9 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN PROTEOLYTIC ENZYME REGULATORY PROTEIN 12 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE REGULATION 12 DE LA PROTEINE HYDROLASE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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Declarations / Déclarations :

(s) *for all designations except / pour toutes les désignations sauf US*

(t) *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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 **C07K 14/435, C12N 15/12, A61K 38/17, A61P 35/00**

(11) **WO 01/72794** (13) A1

(21) PCT/CN01/00487

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15194.0 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE-HELICASE 16 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, HELICASE 16, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) *for all designations except / pour toutes les désignations sauf US*

(t) *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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 **C07K 14/435, C12N 15/53, A61K 38/44**

(11) **WO 01/72795** (13) A1

(21) PCT/CN01/00515

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15271.8 **29 Mar/mar 2000 CN (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN QUINOPROTEIN REDUCTASE 16 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, QUININE REDUCTASE HUMAINE 16, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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Declarations / Déclarations :

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(u) *for / pour US only / seulement*

(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 01/72796** (13) A1

(21) PCT/CN01/00517

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15269.6 **29 Mar/mar 2000 CN (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN CELL DIFFERENTIATION TRANSCRIPTION FACTOR 11 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN DE TRANSCRIPTION DE LA DIFFERENTIATION CELLULAIRE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) *for all designations except / pour toutes les désignations sauf US*

(u) *for / pour US only / seulement*

(51)⁷ **C07K 14/435, C12N 15/12, A61K 38/17**

(11) **WO 01/72797** (13) A1

(21) PCT/CN01/00523

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15297.1 **29 Mar/mar 2000 CN (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN PROMOTER BINDING FACTOR 13 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN DE LIAISON AVEC UN PROMOTEUR 13, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(51)⁷ **C07K 14/435**

(11) **WO 01/72798** (13) A2

(21) PCT/EP01/03433

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,314 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REGULATION OF HUMAN OATP2-RELATED PROTEIN

• REGULATION DE LA PROTEINE HUMAINE APPARENTEE A OATP2

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIU, Jiing-Ren** [CN/US]; 10 Winslow Road, Belmont, MA 02478 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **C07K 14/47, C12N 15/12, A61K 38/17**

(11) **WO 01/72799** (13) A1

(21) PCT/CN01/00430

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15173.8 **27 Mar/mar 2000 CN (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, HUMAN ZINC FINGER PROTEIN 9 AND

THE POLYNUCLEOTIDE ENCODING THEREOF

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE A DOIGT DE ZINC 9, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 **C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 35/00, 37/00**

(11) **WO 01/72800** (13) A1

(21) PCT/CN01/00437

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15183.5 **27 Mar/mar 2000 CN (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NEW POLYPEPTIDE- HUMAN NUCLEAR TRANSFORMING PROTEIN 13 CONTAINING ATP/GTP BINDING DOMAIN AND THE POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE D'ECHANGE NUCLEOTIDIQUE 13 CONTENANT UN DOMAINE DE LIAISON ATP/GTP, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW
(u) for / pour US only / seulement

(51)⁷ **C07K 14/47, C12N 15/12, 15/63, C07K 16/00**

(11) **WO 01/72801** (13) A1

(21) PCT/CN01/00438

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15182.7 **27 Mar/mar 2000 CN (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE - HUMAN RIBOSOMAL S11 PROTEIN 12 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

• NOUVEAU POLYPEPTIDE, PROTEINE RIBOSOMALE HUMAINE S11 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

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(u) for / pour US only / seulement

(51)⁷ **C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 3/00, 35/00, 37/00**

(11) **WO 01/72802** (13) A1

(21) PCT/CN01/00443

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15204.1 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NEW POLYPEPTIDE-HUMAN AMYLOID PRECURSOR PROTEIN-BINDING PROTEIN 14 AND THE POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE LIAISON 14 D'UNE PROTEINE PRECURSEUR DE L'AMYLOIDE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : (c)

Declarations / Déclarations :

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(u) for / pour US only / seulement

(51)⁷ **C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 35/00, 37/00**

(11) **WO 01/72803** (13) A1

(21) PCT/CN01/00447

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15207.6 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NEW POLYPEPTIDE-HUMAN ZINC FINGER PROTEIN 15 AND THE POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE A DOIGT DE ZINC 15, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG

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 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; (u) for / pour US only / seulement

(51)⁷ **C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 35/00, 37/00**

(11) **WO 01/72804** (13) A1

(21) PCT/CN01/00449

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15208.4 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NEW POLYPEPTIDE-HUMAN TRANSDUCIN 10 AND THE POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, TRANSDUCINE HUMAINE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(u) for / pour US only / seulement

(51)⁷ **C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 35/00, 37/00**

(11) **WO 01/72805** (13) A1

(21) PCT/CN01/00455

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

- (30) 00 1 15250.5 **28 Mar/mar 2000** CN
(28.03.2000) 8, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A NEW POLYPEPTIDE - HUMAN FLAVOPROTEIN SUBUNIT 14.19 AND THE POLYNUCLEOTIDE ENCODING IT
● NOUVEAU POLYPEPTIDE, SOUS-UNITE HUMAINE 14.19 DE FLAVO-PROTEINE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAO, Yumin [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
- Published / Publiée : (c)
- Declarations / Déclarations :
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(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 C07K 14/47, C12N 15/12, 15/63, C07K 16/00
- (11) WO 01/72807 (13) A1
(21) PCT/CN01/00466
(22) 26 Mar/mar 2001 (26.03.2001)
(25) zh (26) zh
(30) 00115223.8 **28 Mar/mar 2000** CN
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A NOVEL POLYPEPTIDE - HUMAN NEUROPEPTIDE 11 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME
● NOUVEAU POLYPEPTIDE, NEUROPEPTIDE HUMAIN 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
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(u) for / pour US only / seulement
- (51)⁷ C07K 14/47, C12N 15/52, 15/63, C07K 16/40
- (11) WO 01/72808 (13) A1
(21) PCT/CN01/00467
(22) 26 Mar/mar 2001 (26.03.2001)
(25) zh (26) zh
(30) 00 1 15239.4 **28 Mar/mar 2000** CN
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A NOVEL POLYPEPTIDE - HUMAN PHOSPHOLIPASE 10 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME
● NOUVEAU POLYPEPTIDE, PHOSPHOLIPASE HUMAINE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

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Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ C07K 14/47, C12N 15/12, 15/63, C07K 16/00

(11) WO 01/72809 (13) A1

(21) PCT/CN01/00469

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15240.8 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE-HUMAN CELL DIFFERENTIAL TRANSCRIPTION FACTOR 9 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN DE TRANSCRIPTION DE LA DIFFÉRENTIATION CELLULAIRE 9, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C07K 14/47, C12N 15/12, 15/63, C07K 16/00

(11) WO 01/72810 (13) A1

(21) PCT/CN01/00471

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15220.3 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE - HUMAN PROTEIN 12 OF AMIDASE FAMILY AND A POLYNUCLEOTIDE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 12 DE LA FAMILLE DES AMIDASES, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

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(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 35/00, 37/00

(11) WO 01/72811 (13) A1

(21) PCT/CN01/00477

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15199.1 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE-HUMAN S4 RIBOSOMAL PROTEIN 15 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, PROTEINE RIBOSOMALE HUMAINE S4 15, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ C07K 14/47, C12N 15/12, 15/63, C07K 16/00

(11) WO 01/72812 (13) A1

(21) PCT/CN01/00479

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15196.7 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE - HUMAN BROMO-DOMAIN 10 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, BROMO-DOMAIN HUMAIN 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **C07K 14/47, C12N 15/12, 15/63, C07K 16/00**

(11) **WO 01/72813** (13) A1

(21) PCT/CN01/00480

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15195.9 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE-HUMAN MITOCHONDRIAL ATPASE COUPLING FACTOR 6-14 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, FACTEUR HUMAIN 6-14 DE COUPLAGE DE L'ATPASE MITOCHONDRIALE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 **C07K 14/47, C12N 15/52, 15/63, C07K 16/40**

(11) **WO 01/72814** (13) A1

(21) PCT/CN01/00481

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15216.5 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE - HUMAN UBIQUITIN-CONJUGATING ENZYME 17 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, UBIQUITINE-CONJUGASE HUMAINE 17, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

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(t) for the following designations / pour les désignations suivantes : AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ

NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 **C07K 14/47, C12N 15/12, 15/63, C07K 16/00**

(11) **WO 01/72815** (13) A1

(21) PCT/CN01/00491

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15178.9 **27 Mar/mar 2000 CN (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE - HUMAN IRON-SULFUR PROTEIN 12 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, FERREDOXINE HUMAINE 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ **C07K 14/47, C12N 15/12, 15/63, C07K 16/00**

(11) **WO 01/72816** (13) A1

(21) PCT/CN01/00493

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15175.4 **27 Mar/mar 2000** CN
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE- HUMAN VESICULAR TRANSPORT-RELATED PROTEIN 11 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE ASSOCIEE AU TRANSPORT VESICULAIRE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) MAO, Yumin [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C07K 14/47, C12N 15/52, 15/63, C07K 16/40

(11) WO 01/72817 (13) A1

(21) PCT/CN01/00506

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15282.3 **29 Mar/mar 2000** CN
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE - HUMAN ATP-DEPENDENT HELICASE PROTEIN 11 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, SERINE HYDROLASE HUMAINE ATP-DEPENDANTE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 35/00, 37/00

(11) WO 01/72818 (13) A1

(21) PCT/CN01/00511

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15275.0 **29 Mar/mar 2000** CN
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE- HUMAN GAP CONNEXIN 10 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, CONNEXINE HUMAINE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C07K 14/47, 14/435, C12N 15/12, 15/63, 15/85, A61K 38/17, A61P 35/00, 37/00

(11) WO 01/72819 (13) A1

(21) PCT/CN01/00513

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15273.4 **29 Mar/mar 2000** CN
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE- HUMAN GAP CONNEXIN 9.35 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, CONNEXINE HUMAINE 9.35, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C07K 14/47, C12N 15/52, 15/63, C07K 16/40

(11) WO 01/72820 (13) A1

(21) PCT/CN01/00521

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15264.5 **29 Mar/mar 2000** CN
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE - HUMAN PHOSPHOLIPASE 11 AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, PHOSPHOLIPASE HUMAINE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ **C07K 14/47, C12N 15/12, 15/63, C07K 16/00**

(11) **WO 01/72821** (13) A1

(21) PCT/CN01/00533

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15257.2 **29 Mar/mar 2000 CN (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE - HUMAN THYROGLOBULIN 12 AND A POLYNUCLEOTIDE ENCODING THE SAME

● NOUVEAU POLYPEPTIDE, THYROGLOBULINE HUMAINE 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 **C07K 14/47**

(11) **WO 01/72822** (13) A2

(21) PCT/FR01/00935

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 00/03832 **27 Mar/mar 2000 FR (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● GENES INVOLVED IN INTESTINAL INFLAMMATORY DISEASES AND USE THEREOF

● GENES IMPLIQUES DANS LES MALADIES INFLAMMATOIRES DE L'INTESTIN ET LEUR UTILISATION

(71) **FONDATION JEAN DAUSSET-CEPH** [FR/FR]; 27, rue Juliette Dodu, F-75010 Paris (FR).

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

(72, 75) **HUGOT, Jean-Pierre** [FR/FR]; 5, rue de Thionville, F-75019 Paris (FR). **THOMAS, Gilles** [FR/FR]; 15, rue Buffon, F-75005 Paris (FR). **ZOUALI, Mohamed** [FR/FR]; 4, rue Bertré Albrecht, F-92220 Bagneux (FR). **LESAGE, Suzanne** [FR/FR]; 2, allée de la Rocade, F-78700 Conflans-Sainte-Honorine (FR). **CHAMAILLARD, Mathias** [FR/FR]; 3, rue des Ecurieuls, F-37300 Joue-les-Tours (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).

(81) AU CA JP NZ US ZA.

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

(51)⁷ **C07K 14/47**

(11) **WO 01/72823** (13) A1

(21) PCT/GB01/01316

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007267.8 **24 Mar/mar 2000 GB (24.03.2000)**

(30) 0104527.7 **23 Feb/fév 2001 GB (23.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CRYSTAL STRUCTURE OF THE (AML1 RUNT DOMAIN) / (CBFBETA) HETERODIMER AND THE TERNARY COMPLEX WITH DNA

● STRUCTURE CRISTALLINE DE L'HÉTÉRODIMÈRE (DOMAINE AML1 RUNT) (CBFBÉTA) ET DU COMPLEXE TERNAIRE AVEC ADN

(71) **MEDICAL RESEARCH COUNCIL** [GB/GB]; 20 Park Crescent, London W1N 4AL (GB).

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

(72, 75) **WARREN, Alan, John** [GB/GB]; 27 Weir Road, Hemingford Grey, Huntingdon, Cambs PE28 9EH (GB). **RABBITS, Terence** [GB/GB]; MRC Laboratory of Molecular Biology, Division of Protein and Nucleic Acid Chemistry, Hills Road, Cambridge CB2 2QH (GB).

(74) **MASCHIO, Antonio** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **C07K 14/47**

(11) **WO 01/72824** (13) A2

(21) PCT/NL01/00250

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 00201108.8 **27 Mar/mar 2000 EP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● APOPTIN-ASSOCIATING PROTEIN

● PROTEINE S'ASSOCIANT A L'APOPTINE

(71) **LEADD B.V.** [NL/NL]; Wassenaarseweg 72, NL-2333 AL Leiden (NL).

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

(72, 75) **NOTEBORN, Mathieu, Hubertus, Maria** [NL/NL]; Sternstraat 15, NL-2352 EH Leiderdorp (NL). **DANEN-VAN OORSCHOT, Astrid, Adriana, Anna, Maria** [NL/NL]; Berliozeplein 19, NL-2651 VG Berkel en Rodenrijs (NL). **ROHN, Jennifer, Leigh** [US/NL]; Hemonijstraat 32b, NL-1074 BR Amsterdam (NL).

(74) **PRINS, A., W.**; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **C07K 14/47**

(11) **WO 01/72825** (13) A2

(21) PCT/NL01/00251

(22) **27 Mar/mar 2001 (27.03.2001)**

- (25) en (26) en
- (30) 00201108.8 **27 Mar/mar 2000** EP
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • APOPTIN-ASSOCIATING PROTEIN
• PROTEINE D'ASSOCIATION DE L' APOPTINE
- (71) **LEADD B.V.** [NL/NL]; Wassenaarseweg 72, NL-2333 AL Leiden (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NOTEBORN, Mathieu, Hubertus, Maria** [NL/NL]; Sternstraat 15, NL-2352 EH Leiderdorp (NL). **DANEN-VAN OORSCHOT, Astrid, Adriana, Anna, Maria** [NL/NL]; Berliozplein 19, NL-2651 VG Berkel en Rodenrijs (NL). **ROHN, Jennifer, Leigh** [US/NL]; Hemonijstraat 32b, NL-1074 BR Amsterdam (NL).
- (74) **PRINS, A., W.**; c/o Vereenigde, Nieuwe Parklaan 97, NL-2587 BN 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/47, C12N 15/12, 5/10, C07K 16/18, G01N 33/53, C12Q 1/68**
- (11) **WO 01/72827** (13) A2
- (21) PCT/US01/09470
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,863 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • 33395, A NOVEL HUMAN LEUCINE-RICH REPEAT FAMILY MEMBER AND USE THEREOF
• 33395, NOUVEAU MEMBRE DE LA FAMILLE DES SEQUENCES NUCLEOTIDIQUES REPETEES RICHES EN LEUCINE ET UTILISATIONS DE CEUX-CI
- (63) US 60/191,863 (CIP)
24 Mar/mar 2000 (24.03.2000)
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GLUCKSMANN, Maria, Alexandria** [AR/US]; 33 Summit Road, Lexington, MA 02173 (US).
- (74) **COLLAZO, Diana, M.** et al. / etc.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/47**
- (11) **WO 01/72826** (13) A2
- (21) PCT/US01/09289
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) en (26) en
- (30) 60/191,786 **24 Mar/mar 2000** US
(24.03.2000)
- (30) 60/241,598 **19 Oct/oct 2000** US
(19.10.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ONCOGENIC OSTEOMALACIA-RELATED GENE 1
• GENE 1 ASSOCIE A L'OSTEOMALACIE ONCOGENE
- (71) **GENZYME CORPORATION** [US/US]; 15 Pleasant Street Connector, P.O. Box 9322, Framingham, MA 01701-9322 (US). **JOHNS HOPKINS UNIVERSITY** [US/US]; 720 Rutland Avenue, Baltimore, MD 21205 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHIAVI, Susan** [US/US]; 48 Wedgewood Drive, Hopkinton, MA 01748 (US). **MADDEN, Stephen** [US/US]; 137 Nobscot Road, Sudbury, MA 01776 (US). **MAN-AVALAN, Parthasarathy** [US/US]; 14 Autumn Road, Medway, MA 02053 (US). **LEVINE, M., D., Michael** [US/US]; 6 Valleys Crest Court, Owings Mills, MD 21117 (US). **JAN DE BEUR, Suzanne** [US/US]; 5510 Roland Avenue, Baltimore, MD 21210 (US).
- (74) **LASSEN, Elizabeth**; Genzyme Corporation, 15 Pleasant Street Connector, P.O. Box 9322, Framingham, MA 01701-9322 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • 26649, A NOVEL HUMAN GTPASE ACTIVATING MOLECULE AND USES THEREFOR
• 26649, UNE NOUVELLE MOLECULE ACTIVANT LA GTPASE HUMAINE ET SES APPLICATIONS
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
- (72) **MEYERS, Rachel**; 115 Devonshire Road, Newton, MA 02468 (US).
- (74) **MANDRAGOURAS, Amy, E.**; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/515, C12N 15/12, 15/66, 15/10, C07K 16/22, C12N 15/74, 15/80, 5/06, 15/85, A61K 38/17, A61P 35/00, 3/10, 17/00**
- (11) **WO 01/72829** (13) A2
- (21) PCT/IB01/00577
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/193,396 **31 Mar/mar 2000** US
(31.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PEPTIDES BLOCKING VASCULAR ENDOTHELIAL GROWTH FACTOR (VEGF)-MEDIATED ANGIOGENESIS, POLYNUCLEOTIDES ENCODING SAID PEPTIDES AND METHODS OF USE THEREOF
• PEPTIDES INHIBANT L'ANGIOGENESE INDUITE PAR LE VEGF (FACTEUR DE CROISSANCE ENDOTHELIALE), POLYNUCLEOTIDES CODANT POUR CES PEPTIDES ET LEURS PROCEDES D'UTILISATION
- (71) **INSTITUT PASTEUR** [FR/FR]; 28, rue du Docteur Roux, F-75724 Paris Cedex 15 (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE-CNRS** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). **UNIVERSITE PARIS 13 NORD** [FR/FR]; 99, avenue Jean-Baptiste Clément, F-93430 Villetaneuse (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TOURNAIRE, Roselyne** [FR/FR]; 1448, avenue Marcel Pagnol, Domaine de l'Etoile, F-06640 La Gaude (FR). **DEMANGEL, Caroline** [FR/AU]; 3/24 Arden Street, Coyee, NSW 2034 (AU). **DERBIN, Claude** [FR/FR]; 3, rue des Prés, F-91190 Gif-sur-Yvette (FR). **PERRET, Gérard** [FR/FR]; 3, rue Christine, F-95160 Montmorency (FR). **MAZIE,**

- Jean-Claude** [FR/FR]; 24, rue des Jardins, F-92600 Asnières sur Seine (FR). **PLOUET, Jean** [FR/FR]; 29, rue Naulet, F-31400 Toulouse (FR). **VASSY, Roger** [FR/FR]; 3, rue Lavoisier, F-93500 Pantin (FR).
- (74) **CABINET ORES**; 6, avenue de Messine, F-75008 Paris (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C07K 14/59**
- (11) **WO 01/72831** (13) A2
- (21) PCT/NL01/00259
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 00201139.3 **29 Mar/mar 2000 EP (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • IMMUNOREGULATOR
• IMMUNOREGULATEUR
- (71) **ERASMUS UNIVERSITEIT ROTTERDAM** [NL/NL]; Dr. Molewaterplein 50, NL-3015 GE Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KHAN, Nisar, Ahmed** [NL/NL]; Groene Hilledijk 256-a2, NL-3074 AD Rotterdam (NL). **BENNER, Robbert** [NL/NL]; Middeldijk 25, NL-2992 SH Barendrecht (NL).
- (74) **PRINS, A., W.**; Vereenigde, Nieuwe Parklaan 97, NL-2587 BN 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/61, C12N 15/18, 15/63, C07K 16/26**
- (11) **WO 01/72832** (13) A1
- (21) PCT/CN01/00489
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) zh (26) zh
- (30) 00 1 15180.0 **27 Mar/mar 2000 CN (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NOVEL POLYPEPTIDE - PROTEIN 11 OF GROWTH HORMONE-FAMILY AND A POLYNUCLEOTIDE SEQUENCE ENCODING THE SAME
• NOUVEAU POLYPEPTIDE, FAMILLE DE PROTEINES 11 A LAQUELLE APPARTIENNENT DES HORMONES DE CROISSANCE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; (t) for the following designation / pour la désignation suivante : US
(u) for / pour US only / seulement
-
- (51)⁷ **C07K 14/705**
- (11) **WO 01/72833** (13) A2
- (21) PCT/EP01/03339
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192.369 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • REGULATION OF HUMAN EPHRIN-LIKE RECEPTOR
• REGULATION DE RECEPTEUR HUMAIN DE TYPE EPHRINE
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAMAKRISHNAN, Shyam** [IN/US]; 76 Euston Road, Apt. #10, Brighton, MA 02135 (US).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C07K 14/705, G01N 33/566, C07K 16/28

(11) WO 01/72834 (13) A1

(21) PCT/EP01/03543

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 09/539,248 30 Mar/mar 2000 US
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SELECTABLE MARKER GENES

• GENES MARQUEURS SELECTION-
NABLES

(71) NOVARTIS AG [CH/CH]; Lichtstrasse 35,
4056 Basel (CH).

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

(71) NOVARTIS-ERFINDUNGEN [AT/AT];
Verwaltungsgesellschaft m.b.H., Brunner
Strasse 59, A-1230 Vienna (AT).
(only for / seulement pour AT)

(72, 75) PIPPIG, Susanne, Dagmar [DE/US];
1495 7th Avenue, #2, San Francisco, CA
94122 (US). VERES, Gabor [HU/US]; 112
Walter Hays Drive, Palo Alto, CA 94303
(US).

(74) BECKER, Konrad; Novartis AG, Corporate
Intellectual Property, Patent & Trademark De-
partment, 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C07K 14/705, 16/28, C12N 15/12, 15/63,
G01N 33/566, C12Q 1/68, A61K 38/17,
39/395, 48/00

(11) WO 01/72835 (13) A1

(21) PCT/FR01/00933

(22) 27 Mar/mar 2001 (27.03.2001)

(25) fr (26) fr

(30) 00/03850 27 Mar/mar 2000 FR
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FAMILY OF HUMAN SODIUM
CATION CHANNELS AND USE
THEREOF

• FAMILLE DE CANAUX HUMAINS A
CATION SODIUM ET LEUR UTILISA-
TION

(71) CENTRE NATIONAL DE LA
RECHERCHE SCIENTIFIQUE -CNRS-
[FR/FR]; 3, rue Michel-Ange, F-75794 Paris
Cedex 16 (FR).

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

(72, 75) LAZDUNSKI, Michel [FR/FR]; 21,
avenue Colombo, F-06000 Nice (FR).
LINGUEGLIA, Eric [FR/FR]; Résidence

les Maurettes, Le Tamary, 468, avenue Julien
Lefebvre, F-06270 Villeneuve-Loubet (FR).
SCHAEFER, Lionel [FR/FR]; Val d'Azur
II, 292, avenue des Anciens Combattants
d'AFN, F-06220 Vallauris (FR). SAKAI,
Hideki [JP/JP]; 3-308, 2-201, Minamitaiko-
hyama, Kosugi-Machi, Imizu-gun, Toyama
939-0364 (JP).

(74) BREESE-MAJEROWICZ; 3, avenue de
l'Opéra, F-75001 Paris (FR).

(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 C07K 14/705, C12N 15/12, 5/10, A01K
67/027, C07K 16/28, C12Q 1/68, A61K
38/17, G01N 33/53, A61K 39/395, C07K
1/22

(11) WO 01/72836 (13) A2

(21) PCT/US01/10436

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/193,051 29 Mar/mar 2000 US
(29.03.2000)

(30) 60/195,155 6 Apr/avr 2000 US
(06.04.2000)

(30) 60/199,084 20 Apr/avr 2000 US
(20.04.2000)

(30) 60/200,551 28 Apr/avr 2000 US
(28.04.2000)

(30) 60/202,278 5 May/mai 2000 US
(05.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • G-PROTEIN COUPLED RECEPTORS

• RECEPTEURS COUPLES A UNE PRO-
TEINE G

(71) INCYTE GENOMICS, INC. [US/US];
3160 Porter Drive, Palo Alto, CA 94304
(US).

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

(72, 75) POLICKY, Jennifer, L. [US/US]; 1511
Jarvis Court, San Jose, CA 95118 (US).
TRIBOULEY, Catherine, M. [FR/US];
1121 Tennessee Street #5, San Francisco, CA
94107 (US). TANG, Y., Tom [US/US]; 4230
Ranwick Court, San Jose, CA 95118 (US).
BAUGHN, Mariah, R. [US/US]; 14244
Santiago Road, San Leandro, CA 94577
(US). GRAUL, Richard [US/US]; 682-29th
Avenue, San Francisco, CA 94121 (US).
KHAN, Farrah, A. [IN/US]; 333 Escuela
Avenue #221, Mountain View, CA 94040
(US). NGUYEN, Dannel, B. [US/US]; 1403
Ridgewood Drive, San Jose, CA 95118 (US).
PATTERSON, Chandra [US/US]; 490 Sher-
wood Way #1, Menlo Park, CA 94025 (US).
LAL, Preeti [IN/US]; P.O. Box 5142, Santa
Clara, CA 95056 (US). AU-YOUNG, Janice
[US/US]; 233 Golden Eagle Lane, Brisbane,
CA 94005 (US). YANG, Junming [CN/US];
7125 Bark Lane, San Jose, CA 95129 (US).
HAFALIA, April [US/US]; 2227 Calle de
Primavera, Santa Clara, CA 95054 (US).
WALIA, Narinder, K. [US/US]; 890 Davis
Street #205, San Leandro, CA 94577 (US).
DAS, Debopriya [IN/US]; 1267 Parkington
Avenue, Sunnyvale, CA 94087 (US).

(74) HAMLET-COX, Diana et al. / etc.; Incyte
Genomics, Inc., 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 CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ C07K 14/705

(11) WO 01/72837 (13) A2

(21) PCT/US01/09228

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,767 24 Mar/mar 2000 US
(24.03.2000)

(30) 60/266,866 7 Feb/fév 2001 US
(07.02.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS OF MODULATING DRUG
CLEARANCE MECHANISMS BY AL-
TERING SXR ACTIVITY

• PROCEDE POUR MODULER LES ME-
CANISMES DE CLAIRANCE DE ME-
DICAMENTS PAR LA MODIFICATION
DE L'ACTIVITE SXR

(71) CITY OF HOPE [US/US]; 1500 East Duarte
Road, Duarte, CA 91010-3000 (US).

(72) FORMAN, Barry; 904 Springtide Drive,
Newport Beach, CA 92660 (US). SYNOLD,
Timothy, W.; 420 Highland Place, Monrovia,
CA 91016 (US).

(74) FIGG, E., Anthony et al. / etc.; Rothwell,
Figg, Ernst & Manbeck, P.C., 555 13th Street,
N.W., Suite 701-E, 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ C07K 14/705

(11) WO 01/72838 (13) A2

(21) PCT/US01/09523

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,853 29 Mar/mar 2000 US
(29.03.2000)

(30) 09/635,593 9 Aug/août 2000 US
(09.08.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • ISOLATED HUMAN G-PROTEIN COUPLED RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR PROTEINS, AND USES THEREOF
- RECEPTEURS COUPLES AUX PROTEINES G HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT LES PROTEINES GPCR HUMAINES, ET UTILISATIONS CORRESPONDANTES
- (71) **PE CORPORATION (NY)** [US/US]; Robert A. Millman, 761 Main Avenue, Norwalk, CT 06859 (US).
- (72) **WEI, Ming-Hui**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **CRAVCHIK, Anibal**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **BEASLEY, Ellen, M.**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US).
- (74) **MILLMAN, Robert, A.**; Celera Genomics Corp., 45 West Gude Drive C2-4, Rockville, MD 20850 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/705**
- (11) **WO 01/72840** (13) A2
- (21) PCT/US01/09657
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,310 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 09/629,817 **31 Jul/juillet 2000 US (31.07.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ISOLATED HUMAN G-PROTEIN COUPLED RECEPTORS OF THE MAS PROTO-ONCOGENE SUBFAMILY, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR PROTEINS, AND USES THEREOF
- RECEPTEURS COUPLES AUX PROTEINES G HUMAINES ISOLEES DE LA SOUS-FAMILLE DES PROTO-ONCOGENES MAS, MOLECULES D'ACIDE NUCLEIQUE CODANT LES PROTEINES RCPG HUMAINES ET LEUR UTILISATIONS
- (71) **PE CORPORATION (NY)** [US/US]; 761 Main Avenue, Norwalk, CT 06859 (US).
- (72) **WANG, Aihui**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **CRAVCHIK, Anibal**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **BEASLEY, Ellen, M.**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US).
- (74) **MILLMAN, Robert, A.**; Celera Genomics Corp., 45 West Gude Drive C2-4, Rockville, MD 20850 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/705**
- (11) **WO 01/72842** (13) A2
- (21) PCT/US01/09996
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,978 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • NOVEL HUMAN 7TM PROTEINS AND POLYNUCLEOTIDES ENCODING THE SAME
- NOUVELLES PROTEINES HUMAINES 7TM ET POLYNUCLEOTIDES CODANT POUR CES PROTEINES
-
- (54) • ISOLATED HUMAN G-PROTEIN COUPLED RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR PROTEINS, AND USES THEREOF
- (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/705**
- (11) **WO 01/72841** (13) A2
- (21) PCT/US01/09660
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,311 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 09/633,145 **4 Aug/août 2000 US (04.08.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ISOLATED HUMAN G-PROTEIN COUPLED RECEPTORS THAT ARE MEMBERS OF THE AMINERGIC SUBFAMILY, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR PROTEINS, AND USES THEREOF
- RECEPTEURS ISOLEES HUMAINES COUPLES A LA PROTEINE G, MEMBRES DE LA SOUS FAMILLE AMINERGIQUE, MOLECULES D'ACIDES NUCLEIQUES CODANT POUR LES PROTEINES GPCR HUMAINES, ET LEURS UTILISATIONS
- (71) **PE CORPORATION (NY)** [US/US]; Millman, Robert, A. Assistant Secretary, 761 Main Avenue, Norwalk, CT 06859 (US).
- (72) **KODIRA, Chinnappa**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **CRAVCHIK, Anibal**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **BEASLEY, Ellen, M.**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US).
- (74) **MILLMAN, Robert, A.**; Celera Genomics Corp., 45 West Gude Drive C2-4, Rockville, MD 20850 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C07K 14/705, 16/28, C12Q 1/68, A01K 67/027, C12N 15/63, G01N 33/52, A61K 38/00, 39/00**
- (11) **WO 01/72839** (13) A2
- (21) PCT/US01/09524
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,326 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 09/637,603 **15 Aug/août 2000 US (15.08.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ISOLATED HUMAN G-PROTEIN COUPLED RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR PROTEINS, AND USES THEREOF
- RECEPTEURS COUPLES AUX PROTEINES G HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT LES PROTEINES GPCR HUMAINES, ET UTILISATIONS CORRESPONDANTES
- (71) **PE CORPORATION (NY)** [US/US]; Robert A. Millman, 761 Main Avenue, Norwalk, CT 06859 (US).
- (72) **WANG, Aihui**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **CRAVCHIK, Anibal**; c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina**; c/o Celera,

(71) **LEXICON GENETICS INCORPORATED** [US/US]; 4000 Research Forest Drive, The Woodlands, TX 77381 (US).

(72) **WALKE, D., Wade**; 7507 Danehill Drive, Spring, TX 77389 (US). **SCOVILLE, John**; 8222 Kingsbrook Drive #543, Houston, TX 77024 (US). **DONOHU, Gregory**; 95 Autumn Branch Drive, The Woodlands, TX 77382 (US). **TURNER, C., Alexander, Jr.**; 67 Winter Wheat Place, The Woodlands, TX 77381 (US). **FRIEDRICH, Glenn**; c/o Breland & Breland, 2207 Hermann Drive, Houston, TX 77004 (US). **ABUIN, Alejandro**; 19 Belcarra Place, The Woodlands, TX 77382 (US). **ZAMBROWICZ, Brian**; 18 Firethorne Place, The Woodlands, TX 77382 (US). **SANDS, Arthur, T.**; 163 Bristol Bend Circle, The Woodlands, TX 77382 (US).

(74) **ISHIMOTO, Lance, K.** et al. / etc.; Lexicon Genetics Incorporated, 4000 Research Forest Drive, The Woodlands, TX 77381 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **C07K 14/82, C12N 15/12, 5/10, C12Q 1/68, A61K 48/00, A61P 7/00**

(11) **WO 01/72843** (13) A2

(21) PCT/EP01/03394

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/192,367 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **REGULATION OF HUMAN C-MYB-RELATED GENES**

• **REGULATION DE GENES HUMAINS LIES A C-MYB**

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) **LIOU, Jiing-Ren** [CN/US]; 10 Winslow Road, Belmont, MA 02478 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **C07K 16/06, 1/18, A61K 39/395**

(11) **WO 01/72844** (13) A2

(21) PCT/EP01/03624

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 0001128-8 **30 Mar/mar 2000 SE (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **A METHOD OF PRODUCING IgG**
• **PROCÉDÉ DE PRODUCTION D'IGG**

(71) **AMERSHAM PHARMACIA BIOTECH AB** [SE/SE]; Bjorkgatan 30, S-751 84 Uppsala (SE).

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

(72, 75) **ANDERSSON, Inger** [SE/SE]; Kapplandsvagen, S-743 30 Storvreta (SE). **LINDQUIST, Lars-Olof** [SE/SE]; Rodhakevagen 17A, S-756 52 Uppsala (SE).

(74) **HAMMER, Catriona, MacLeod** et al. / etc.; Nycomed Amersham plc, Amersham Laboratories, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **C07K 16/28, A61K 39/395, A61P 1/04, 29/00, 37/00**

(11) **WO 01/72845** (13) A1

(21) PCT/EP01/03541

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0007911.1 **30 Mar/mar 2000 GB (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **USE OF CD25 BINDING MOLECULES IN THE TREATMENT OF INFLAMMATORY DISEASES OF THE GASTRO-INTESTINAL TRACT**

• **UTILISATION DE MOLECULES SE LIANT A CD25 DANS LE TRAITEMENT DE MALADIES INFLAMMATOIRES DU TRACTUS GASTRO-INTESTINAL**

(71) **NOVARTIS AG** [CH/CH]; Lichtstrasse 35, CH-4056 Basel (CH).

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(71) **NOVARTIS-ERFINDUNGEN VERWALTUNGSGESELLSCHAFT M.B.H.** [AT/AT]; Brunner Strasse 59, A-1230 Vienna (AT).

(only for / seulement pour AT)

(72, 75) **ADAM, Hansjoerg** [AT/DE]; Roter Brachweg 68, 93049 Regensburg (DE).

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(74) **BECKER, Konrad**; Novartis AG, Corporate Intellectual Property, Patent & Trademark Dept., 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **C07K 16/28, A61K 39/395, 48/00, 38/00, 31/00, 31/7088, 47/48, C07K 19/00, A61P 11/00 // C07K 14/705**

(11) **WO 01/72846** (13) A2

(21) PCT/US01/09699

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/192,197 **27 Mar/mar 2000 US (27.03.2000)**

(30) 60/192,198 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **LIGANDS DIRECTED TO THE NON-SECRETORY COMPONENT, NON-STALK REGION OF PIGR AND METHODS OF USE THEREOF**

• **LIGANDS DIRIGES CONTRE LE COMPOSANT NON SECRETEUR ET LA REGION DU FILAMENT D'UN PIGR ET PROCEDES D'UTILISATION ASSOCIES**

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; Office of Technology Management, 1294 9th Avenue, Suite 1, Box 1209, San Francisco, CA 94143-1209 (US).

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(72, 75) **MOSTOV, Keith, E.** [US/US]; 1975 Funston Avenue, San Francisco, CA 94116 (US). **CHAPIN, Steven, J.** [US/US]; 3550 Lebon Drive, San Diego, CA 92122 (US). **RICHMAN-EISENSTAT, Janice** [CA/CA]; 247 Elm Street, Winnepeg, Manitoba R-3M3N5 (CA).

(74) **HYMAN, Laurence, J.** et al. / etc.; Townsend 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **C08B 3/06**

(11) **WO 01/72847** (13) A1

(21) PCT/JP01/02478

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-86998 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CELLULOSE ACETATE AND PROCESS FOR PRODUCING THE SAME

● ACETATE DE CELLULOSE ET PROCEDE DE PRODUCTION ASSOCIE

(71) **DAICEL CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1, Teppo-cho, Sakai-shi, Osaka 590-8501 (JP).

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(72, 75) **OZAKI, Toru** [JP/JP]; 2-3, Kodancho, Arai-shi, Niigata 944-0020 (JP). **SASAI, Hirofumi** [JP/JP]; 506, Okusami, Hayashidacho, Himeji-shi, Hyogo 679-4223 (JP). **TANIGUCHI, Hiroki** [JP/JP]; 406-3, Tsuichiba, Aboshi-ku, Himeji-shi, Hyogo 671-1224 (JP). **NAKAI, Michiyo** [JP/JP]; 610-1, Kamiyobe, Yobe-ku, Himeji-shi, Hyogo 671-1262 (JP). **SUZUKI, Shinsuke** [JP/JP]; 940, Shinzaika, Aboshi-ku, Himeji-shi, Hyogo 671-1234 (JP).

(74) **FURUYA, Kaoru** et al. / etc.; Hamacho-Hanacho Building 6th Floor, 2-17-8, Nihonbashi-Hamacho, Chuo-ku, Tokyo 103-0007 (JP).

(81) CN JP KR US.

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

(51)⁷ **C08B 37/10, 37/00, A61K 31/715**

(11) **WO 01/72848** (13) A1

(21) PCT/EP01/03461

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) MI2000A000665 **30 Mar/mar 2000 IT (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● GLYCOSAMINOGLYCANS DERIVED FROM THE K5 POLYSACCHARIDE HAVING HIGH ANTICOAGULANT AND ANTITHROMBOTIC ACTIVITY AND PROCESS FOR THEIR PREPARATION

● GLYCOSAMINOGLYCANS DERIVES DU POLYSACCHARIDE K5 A FORTE ACTIVITE ANTICOAGULANTE ET ANTITHROMBOTIQUE, ET PROCEDE DE FABRICATION

(71) **INALCO S.P.A.** [IT/IT]; Via Calabiana, 18, I-20139 Milano (IT).

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(72, 75) **ZOPPETTI, Giorgio** [IT/IT]; Via Mac Mahon, 43, I-20155 Milano (IT). **ORESTE, Pasqua** [IT/IT]; Via Mac Mahon, 43, I-20155

Milano (IT). **CIPOLLETTI, Giovanni** [IT/IT]; Via Tagliamento, 21, I-20139 Milano (IT).

(74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **C08B 37/16, B01J 20/24, C02F 1/28, A61K 31/715**

(11) **WO 01/72849** (13) A1

(21) PCT/FR01/00923

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 00/03899 **28 Mar/mar 2000 FR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PER(3,6-ANHYDRO)CYCLODEXTRIN DERIVATIVES, PREPARATION AND USE THEREOF FOR SEPARATING IONS

● DERIVES DE PER(3,6-ANHYDRO)CYCLODEXTRINES, LEUR PREPARATION ET LEUR UTILISATION POUR SEPARER DES IONS

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31/33, rue de la Fédération, F-75752 Paris 15ème (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3 rue Michel Ange, F-75794 Paris Cedex 16 (FR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GADELLE, Andrée** [FR/FR]; 23, le hameau fleuri, F-38330 Montbonnot (FR). **FAUVELLE, Florence** [FR/FR]; 2 rue des Bons Enfants, F-38000 Grenoble (FR). **DEBOUZY, Jean-Claude** [FR/FR]; 60 rue du Château, F-38660 La Terrasse (FR).

(74) **SIGNORE, Robert**; c/o Brevatome, 3 rue du Docteur Lancereaux, F-75008 Paris (FR).

(81) US.

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

(51)⁷ **C08F 2/34**

(11) **WO 01/72850** (13) A1

(21) PCT/JP01/02414

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-85950 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD OF POLYMERIZING OLEFIN

● PROCEDE DE POLYMERISATION D'OLEFINES

(71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Yokoami 1-chome, Sumida-ku, Tokyo 130-0015 (JP).

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(72, 75) **SATOU, Hideki** [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **ARAKI, Shinji** [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP). **ADACHI, Hiromi** [JP/JP]; 1-1, Ane-sakikaigan, Ichihara-shi, Chiba 299-0107 (JP).

(74) **OHTANI, Tamotsu**; TOMOE-CHO AN-NEX-II 4F, 8-27, Toranomom 3-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR US.

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

(51)⁷ **C08F 2/44, G02B 1/04, 5/23**

(11) **WO 01/72851** (13) A1

(21) PCT/AU01/00372

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) en (26) en

(30) PQ 6623 **31 Mar/mar 2000 AU (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PHOTOCROMIC ARTICLE AND METHOD OF PREPARATION

● ARTICLE PHOTOCROME ET PROCEDE DE FABRICATION

(71) **SOLA INTERNATIONAL HOLDINGS LIMITED** [AU/AU]; Sherriff's Road, Lonsdale, South Australia 5160 (AU).

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(72, 75) **TOH, Huan, Kiak** [MY/AU]; 24 Medway Street, Fullarton, South Australia 5063 (AU). **LEWIS, David, Andrew** [AU/AU]; 36 Nixon Street, Marion, South Australia 5043 (AU). **BUBNER, Raymond, K.** [AU/AU]; 107 Caulfield Avenue, Clarence Gardens, South Australia 5039 (AU). **CIESLINSKI, Bohdan, Grzegorz** [AU/AU]; 13 Carlisle Court, Hallett Cove, South Australia 5158 (AU). **CHEN, Fang** [AU/AU]; 20 Nalimba Street, Hallett Cove, South Australia 5158 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, Victoria 3000 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C08F 4/52, 20/02, 20/14**
(11) **WO 01/72852** (13) A1
(21) PCT/EP01/02446
(22) **5 Mar/mar 2001 (05.03.2001)**
(25) de (26) de
(30) 100 10 513.0 **7 Mar/mar 2000 DE (07.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR PRODUCING POLYMERS AND COPOLYMERS OF ALPHA-SUBSTITUTED ACRYLIC COMPOUNDS
• PROCEDE POUR LA PRODUCTION DE POLYMERES ET DE COPOLYMERES DE COMPOSES ACRYLIQUES A SUBSTITUTION ALPHA

(71) **RÖHM GMBH & CO. KG** [DE/DE]; Kirschenallee, 64293 Darmstadt (DE).
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(72, 75) **ANWANDER, Reiner** [DE/DE]; Hauptstrasse 11a, 85386 Eching (DE). **GÖRLITZER, Hans, W.** [DE/DE]; Frankfurter Strasse 5, 63500 Seligenstadt (DE). **HERMANN, Wolfgang, A.** [DE/DE]; Alexander von Humbolt-Weg 11, 85354 Freising (DE). **DORN, Klaus** [DE/US]; 9 Tulip Tree Lane, Mamaroneck, NY 10543 (US). **OSTHAUS, Elke** [DE/DE]; Bachgrabenweg 9, 63517 Rodenbach (DE). **SCHWIND, Helmut** [DE/DE]; Treuenerstrasse 5, 63457 Hanau (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ **C08F 8/30, 8/14**
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(21) PCT/EP01/03465
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) de (26) de
(30) 100 15 135.3 **29 Mar/mar 2000 DE (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR MODIFYING ACID GROUP CONTAINING POLYMERS
• PROCEDE DE MODIFICATION DE POLYMERES CONTENANT DES GROUPES D'ACIDE

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
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(72, 75) **KRONER, Matthias** [DE/DE]; Brucknerstrasse 25, 67304 Eisenberg (DE). **PERNER, Johannes** [DE/DE]; Ginsterweg 4, 67434 Neustadt (DE). **BÜCHNER,**

Karl-Heinz [DE/DE]; Kirchfeldring 14a, 68804 Altllusheim (DE). **WILD, Jochen** [DE/DE]; St.-Martin-Strasse 22, 67152 Rupertsberg (DE). **PFISTER, Jürgen** [DE/DE]; St.-Klara-Kloster-Weg 62b, 67346 Speyer (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **C08F 10/00**
(11) **WO 01/72854** (13) A2
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(22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 60/191,983 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • POLYMERIZATION OF OLEFINS
• POLYMERISATION D'OLEFINES

(71) **E.I. DUPONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(72, 75) **ITTEL, Steven, Dale** [US/US]; 7 Barley Mill Drive, Wilmington, DE 19807 (US). **WANG, Ying** [CN/US]; 1347 Wooded Knoll, West Chester, PA 19382 (US). **IVAKHNENKO, Evgeniy, Petrovich** [RU/RU]; 109/1, 47, Lenin ul., 344038 Rostov-on-Don (RU).

(74) **LERMAN, Bart, E.**; E.I. Dupont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C08F 10/02, 210/02, C10M 143/02, C08K 5/56, C08L 27/06, 77/00, 23/12**

(11) **WO 01/72855** (13) A1
(21) PCT/EP01/02864
(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de
(30) 100 15 593.6 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • USE OF POLYOLEFIN WAXES IN THE FIELD OF PLASTICS PROCESSING
• UTILISATION DE CIRES DE POLYOLEFINE DANS LE TRAITEMENT DE MATIERES PLASTIQUES

(71) **CLARIANT GMBH** [DE/DE]; Brünningstrasse 50, 65929 Frankfurt am Main (DE).
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(72, 75) **RICHTER, Eric** [DE/DE]; Benedikt-Gaugenrieder-Strasse 14, 86672 Thierhaupten (DE). **KIESEL, Harald** [DE/DE]; Brunecker Strasse 9c, 86316 Friedberg (DE).

(81) CN JP US.

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

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(51)⁷ **C08F 10/02, B65D 1/00**
(11) **WO 01/72856** (13) A1
(21) PCT/EP01/03525
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 00201154.2 **30 Mar/mar 2000 EP (30.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METALLOCENE-PRODUCED POLYETHYLENE FOR GLOSSY PLASTIC CONTAINERS
• POLYETHYLENE METALLOCENIQUE POUR RECIPIENTS EN PLASTIQUE BRILLANTS

(71) **FINA RESEARCH S.A.** [BE/BE]; Zone Industrielle C, B-7181 Seneffe (BE).
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(72, 75) **MAZIERS, Eric** [BE/BE]; 6, rue de Familleureux, B-7180 Ecaussinnes (BE).

(74) **FINA RESEARCH S.A.**; Patent Department, Zone Industrielle C, B-7181 Seneffe (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **C08F 20/20, 299/02, H05K 3/28, 3/46, G03F 7/038**

(11) **WO 01/72857** (13) A1
(21) PCT/JP01/02487
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja

- (30) 2000-90897 **29 Mar/mar 2000** JP
(29.03.2000)
- (30) 2000-373400 **7 Dec/déc 2000** JP
(07.12.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • RESINS CURABLE WITH ACTINIC RADIATION, PROCESS FOR THE PRODUCTION THEREOF, AND PHOTO-AND THERMO-SETTING RESIN COMPOSITION
- RESINES DURCISSABLES AUX RADIATIONS ACTINIQUES, LEUR PROCEDE DE PREPARATION ET COMPOSITION DE RESINES THERMODURCISSABLES
- (71) **KANAGAWA UNIVERSITY** [JP/JP]; 27-1, Rokkakubashi 3-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0802 (JP). **TAIYO INK MANUFACTURING CO., LTD.** [JP/JP]; 7-1, Hazawa 2-chome, Nerima-ku, Tokyo 176-8508 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NISHIKUBO, Tadatomi** [JP/JP]; 6-8, Honfujisawa 3-chome, Fujisawa-shi, Kanagawa 251-0875 (JP). **KAMEYAMA, Atsushi** [JP/JP]; Room 705, Kurio-Higashikanagawa-Ichibankan, 10-3, Nishikanagawa 1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0822 (JP). **SASAKI, Masaki** [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP). **KUSAMA, Masatoshi** [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP).
- (74) **YOSHIDA, Shigeki**; Room 1103, Harada Bldg., 14-2, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).
- (81) CA CN IN JP KR SG US VN.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C08F 20/36, 22/40, C08L 33/14, 35/00, C09D 133/14, 135/00**
- (11) **WO 01/72858** (13) A1
- (21) PCT/JP01/01905
- (22) **12 Mar/mar 2001 (12.03.2001)**
- (25) ja (26) ja
- (30) 2000-92489 **29 Mar/mar 2000** JP
(29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMPOSITION
- COMPOSITION
- (71) **TOAGOSEI CO., LTD.** [JP/JP]; 1-14-1, Nishi Shimbashi, Minato-ku, Tokyo 105-8419 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKAZAKI, Eiichi** [JP/JP]; c/o Nagoya Institute of Toagosei Co., Ltd., 1-1, Funamicho, Minato-ku, Nagoya-shi, Aichi 455-0027 (JP). **KAJI, Michihiro** [JP/JP]; c/o Nagoya Institute of Toagosei Co., Ltd., 1-1, Funamicho, Minato-ku, Nagoya-shi, Aichi 455-0027 (JP).
- (74) **IDE, Masatake**; 9F, Gobancho Grand Bldg., 3-1, Gobancho, Chiyoda-ku, Tokyo 102-0076 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C08F 279/02, 279/04, C08L 55/02, C08F 36/04, 4/52, 2/38**
- (11) **WO 01/72860** (13) A1
- (21) PCT/EP01/02730
- (22) **12 Mar/mar 2001 (12.03.2001)**
- (25) de (26) de
- (30) 100 14 609.0 **24 Mar/mar 2000** DE
(24.03.2000)
- (30) 100 32 876.8 **6 Jul/juil 2000** DE
(06.07.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR POLYMERIZING CONJUGATED DIOLEFINS (DIENES) WITH CATALYSTS OF RARE EARTHS IN THE PRESENCE OF VINYL AROMATIC SOLVENTS
- PROCEDE DE POLYMERISATION DE DIOLEFINES CONJUGUEES (DIENES) AVEC DES CATALYSEURS DES TERRES RARES EN PRESENCE DES SOLVANTS VINYLAROMATIQUES
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WINDISCH, Heike** [DE/DE]; Humboldtstr. 51, 51379 Leverkusen (DE). **SCHNIEDER, Thomas** [DE/DE]; Grüner Weg 8, 41541 Dormagen (DE). **MICHEL, Gisbert** [DE/DE]; Morgengraben 3, 51061 Köln (DE). **SYLVESTER, Gerd** [DE/DE]; An der Steinrütch 5a, 51375 Leverkusen (DE). **VANHOORNE, Pierre** [BE/DE]; Schützenstr. 71, 40211 Düsseldorf (DE). **BRANDT, Heinz-Dieter** [DE/DE]; Küferstr. 50, 47877 Willich (DE).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C08G**
- (11) **WO 01/72861** (13) A2
- (21) PCT/IB00/02076
- (22) **10 Nov/nov 2000 (10.11.2000)**
- (25) en (26) en
- (30) 09/438,211 **12 Nov/nov 1999** US
(12.11.1999)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • APPARATUS FOR MIXING AND INJECTION MOLDING THERMOSETTING POLYURETHANE
- APPAREIL PERMETTANT DE MELANGER ET DE MOULER PAR INJECTION DU POLYURETHANE THERMODURCISSABLE
- (71) **TEN CATE ENBI INTERNATIONAL** [NL/NL]; Kamperweg, NL-16361 GZ Nuth (NL).
- (72) **SAWA, Eiji**; 179 Brittany Lane, Pittsford, NY 14534 (US). **KAWAMOTO, Kenichi**; 302 Annie Lane, Rochester, NY 14626 (US). **RAIKES, Gary, L.**; 5420 West 15th Street, Speedway, IN 46224 (US).
- (74) **SALAI, Stephen, B.** et al. / etc.; Harter, Secrest & Emery LLP, 700 Midtown Tower, Rochester, NY 14604 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C08G 18/00

(11) WO 01/72862 (13) A2

(21) PCT/EP01/02586

(22) 6 Mar/mar 2001 (06.03.2001)

(25) en (26) en

(30) 09/535,176 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ALLYL URETHANE RESIN COMPOSITIONS

● COMPOSITIONS DE RESINE ALLYL URETHANE

(71) SARTOMER COMPANY, INC. [US/US]; Oaklands Corporate Center, 502 Thomas Jones Way, Exton, PA 19431 (US). (for all designated States except / pour tous les États désignés sauf PL)

(71) CRAY VALLEY S.A. [FR/FR]; Tour Total, 24, cours Michelet, F-92800 Puteaux (FR). (only for / seulement pour PL)

(72) CESKA, Gary, W.; 310 Long Ridge, Exton, PA 19343 (US). FAN, Mingxin; 49 Sheffield Lane, West Chester, PA 19380 (US). HORGAN, James, P.; 805 Copeland School Road, West Chester, PA 19380 (US).

(74) CHAILLOT, Geneviève; Cabinet Chaillot, 16/20, avenue de l'Agent Sarre, B.P. n° 74, F-92703 Colombes Cedex (FR).

(81) PL.

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

(51)⁷ C08G 18/00, C08J 9/00, 9/14

(11) WO 01/72863 (13) A1

(21) PCT/US01/09626

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 60/192,231 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● FIRE RESISTANT FOAM AND FOAM PRODUCTS, METHOD AND DISPERSIONS FOR MAKING SAME

● MOUSSE IGNIFUGE ET PRODUITS A BASE DE MOUSSE, PROCEDE ET DISPERSIONS POUR LEUR FABRICATION

(71) APACHE PRODUCTS COMPANY [US/US]; 107 Service Road, P.O. Box 5287, Anderson, SC 29623-5287 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) BURGESS, James, H. [US/US]; 105 West Round Hill Road, Greenville, SC 29609 (US). GLORIOSO, Sammie, J. [US/US];

107 Clairmont Drive, Ridgeland, MS 39157 (US).

(74) VOLPE, Anthony, S. 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 CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ C08G 18/18, B29C 41/04, C09D 175/04

(11) WO 01/72864 (13) A1

(21) PCT/US01/02987

(22) 30 Jan/jan 2001 (30.01.2001)

(25) en (26) en

(30) 09/535,218 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ROTATIONAL CASTING METHOD FOR COATING A FLEXIBLE SUBSTRATE AND RESULTING COATED FLEXIBLE ARTICLE

● MOULAGE PAR ROTATION POUR DEPOT D'UN REVETEMENT SUR UN SUBSTRAT FLEXIBLE ET ARTICLE FLEXIBLE A REVETEMENT AINSI OBTENU

(71) UNIROYAL CHEMICAL COMPANY, INC. [US/US]; 199 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). CLOCK, Andrew; 184 Maplewood Road, Southington, CT 06489 (US).

(74) REITENBACH, Daniel; Uniroyal Chemical Company, Inc., 199 Benson Road, Middlebury, CT 06749 (US).

(81) AU BR CA JP KR MX SG.

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

(51)⁷ C08G 18/42

(11) WO 01/72865 (13) A1

(21) PCT/US01/03154

(22) 31 Jan/jan 2001 (31.01.2001)

(25) en (26) en

(30) 09/535,217 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● POLYURETHANE PREPARED FROM SORBITOL-BRANCHED POLYESTERS

● POLYURETHANE PREPARES A PARTIR DE POLYESTERS RAMIFIES PAR SORBITOL

(71) CROMPTON CORPORATION [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).

(72) CHANG, Wally, Liyuan; 84 Windom Street, White Plains, NY 10607 (US).

(74) REINTENBACH, Daniel; Crompton Corporation, 199 Benson Road, Middlebury, CT 06749 (US).

(81) AU JP.

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

Published / Publiée : (c)

(51)⁷ C08G 18/42, C08J 9/04

(11) WO 01/72866 (13) A1

(21) PCT/US01/09698

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 09/535,217 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● POLYURETHANE PREPARED FROM SORBITOL-BRANCHED POLYESTERS

● POLYURETHANE PREPARE A PARTIR DE POLYESTERS A RAMIFICATION SORBITOL

(71) CROMPTON CORPORATION [US/US]; 199 Benson Road, Middlebury, CT 06749 (US).

(72) CHANG, Wally, L.; 84 Windom Street, White Plains, NY 10607 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C08G 18/65, 18/44

(11) WO 01/72867 (13) A2

(21) PCT/EP01/03496

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,192 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● THERMOPLASTIC POLYURETHANE ELASTOMERS (TPUs) PREPARED WITH POLYTRIMETHYLENE CARBONATE SOFT SEGMENT

● ELASTOMERES DE POLYURETHANE THERMOPLASTIQUES (TPUS) PREPARES AVEC UN SEGMENT SOUPLE DE CARBONATE DE POLYTRIMETHYLENE

- (71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL).
- (72) **BOON, Wyndham, Henry**; 2446 Baylor Circle, North Canton, OH 44720 (US). **FORSCHNER, Thomas, Clayton**; 2211 Woodland Drive, Richmond, TX 77469 (US). **FRISCH, Kurt, Charles** (deceased / décédé). **GWYN, David, Eric**; 6502 S. Briar Bayou, Houston, TX 77072 (US). **SENDI-JAREVIC, Aisa**; 6284 Atkins Road, Troy, MI 48098 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C08G 59/00, 59/20, 59/02**
- (11) **WO 01/72868** (13) A1
- (21) PCT/DE01/00933
- (22) **12 Mar/mar 2001 (12.03.2001)**
- (25) de (26) de
- (30) 100 14 640.6 **24 Mar/mar 2000 DE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HALOGEN FREE EPOXY RESIN HAVING A DEFINED MOLECULE MASS
• RESINE EPOXY EXEMPTÉ D'HALOGENES A MASSE MOLECULAIRE DEFINIE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRÖPPEL, Peter** [DE/DE]; Ludwig-Erhard-Allee 18, 81739 München (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (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).
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- (51)⁷ **C08G 59/18, 59/62, C07C 211/13, 215/18, 215/50**
- (11) **WO 01/72869** (13) A2
- (21) PCT/EP01/02986
- (22) **15 Mar/mar 2001 (15.03.2001)**
- (25) en (26) en
- (30) 100 14 655.4 **24 Mar/mar 2000 DE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MANNICH BASES AND FURTHER COMPOUNDS BASED ON ALKYLDIPROPYLENETRIAMINES
- BASES DE MANNICH ET COMPOSES ULTERIEURS A BASE D'ALKYLDIPROPYLENETRIAMINES
- (71) **VANTICO GMBH & CO. KG** [DE/DE]; Ernst-Schering-Strasse 14, 59192 Bergkamen (DE).
- (72) **SCHERZER, Wolfgang**; Schenkstrasse 10, 59192 Bergkamen (DE). **VOLLE, Jörg**; Luisenstrasse 37a, 59379 Selm/Bork (DE).
- (74) **HOECHST, Bruno, Werner**; Vantico AG, Patents/Scientific Information, Klybeckstrasse 200, CH-4057 Basel (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C08G 61/06, C08J 5/00**
- (11) **WO 01/72870** (13) A1
- (21) PCT/JP01/02776
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-96109 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MOLDED NORBORNENE RESIN AND PROCESS FOR PRODUCING THE SAME
• RESINE DE NORBORNENE MOULEE ET SON PROCEDE DE PRODUCTION
- (71) **ZEON CORPORATION** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SUGAWARA, Tomoo** [JP/JP]; c/o Research & Development Center, Zeon Corporation, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP). **KISHI, Naoya** [JP/JP]; c/o Research & Development Center, Zeon Corporation, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP). **NISHIOKA, Naoki** [JP/JP]; c/o Research & Development Center, Zeon Corporation, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP).
- (74) **OISHI, Haruhito**; Tokyo Royal Plaza Bldg.1117, 18-11, Uchikanda 1-chome, Chiyoda-ku, Tokyo 101-0047 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C08G 73/10**
- (11) **WO 01/72871** (13) A1
- (21) PCT/KR01/00504
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) ko (26) en
- (30) 2000-16260 **29 Mar/mar 2000 KR (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • POLYMER BLEND FOR PREPARING LIQUID CRYSTAL ALIGNMENT LAYER
• MELANGE DE POLYMERES POUR L'ELABORATION DE LA COUCHE D'ALIGNEMENT DU CRISTAL LIQUIDE
- (71) **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY** [KR/KR]; 373-1 Kusong-dong, Yusong-gu, Taejon 305-701 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PARK, Jung-Ki** [KR/KR]; 106-605 Sanho Apartment, Tanbang-dong, Seo-gu, Taejon 302-766 (KR). **KIM, Hee-Tak** [KR/KR]; 103, 172-46 Maetan-dong, Paldal-gu, Kyunggi-do, Suwon-shi 442-370 (KR). **LEE, Jong-Woo** [KR/KR]; 276-32 Galhyun-dong, Eunpyung-gu, Seoul 122-050 (KR). **SUNG, Shi-Joon** [KR/KR]; 205-1602 Samsung Myungga Town, Paho-dong, Dalseo-gu, Taegu 704-742 (KR).
- (74) **LEE, Han-Young**; 8th Fl., Seowon Bldg., 1675-1 Seocho-dong, Seocho-gu, Seoul 137-070 (KR).
- (81) DE JP KR US.
-
- (51)⁷ **C08G 81/00, C08J 3/20**
- (11) **WO 01/72872** (13) A1
- (21) PCT/JP01/02545
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) ja (26) ja
- (30) 2000-088285 **28 Mar/mar 2000 JP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BLOCK COPOLYMER
• COPOLYMERES BLOC
- (71) **ASAHI KASEI KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARAMAKI, Masaaki** [JP/JP]; 12-7-201, Midorigaoka 4-chome, Nobeoka-shi, Miyazaki 882-0863 (JP). **SAITOU, Takashi** [JP/JP]; 6-24-212, Honmachihigashi 6-chome, Saitama-shi, Saitama 338-0003 (JP). **MAEKAWA, Tomofumi** [JP/JP]; Raimuzon402, 13-3, Hinodemachi 2-chome, Nobeoka-shi, Miyazaki 882-0035 (JP).
- (74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, New Ohtemachi Bldg., 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 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 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 GW ML MR
NE SN TD TG).

(51)⁷ C08J 3/00

(11) WO 01/72873 (13) A2

(21) PCT/US01/09838

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 09/537,850 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESS FOR PRODUCING HIGH
MELT FLOW POLYMERS

• PRODUCTION DE POLYMERES A IN-
DICE DE FLUIDITE ELEVE

(71) UNION CARBIDE CHEMICALS &
PLASTICS TECHNOLOGY CORPORA-
TION [US/US]; 39 Old Ridgebury Road,
Danbury, CT 06817-0001 (US).

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

(72, 75) AVGOUSTI, Marios [—/US]; 1 Web-
ster Court, Plainsboro, NJ 08536 (US).
KHARAZI, Alex [—/US]; 14 Margaret
Drive, Somerset, NJ 08873 (US).

(74) DOODY, Patrick, A. et al. / etc.; Hunton &
Williams, 1900 K Street N.W., Washington,
DC 20006 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ C08J 3/03, D06M 15/19, C08L 23/00,
83/08, 23/30, D06M 15/643, 15/227

(11) WO 01/72874 (13) A1

(21) PCT/EP01/03406

(22) 26 Mar/mar 2001 (26.03.2001)

(25) de (26) de

(30) 100 15 174.4 27 Mar/mar 2000 DE
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STABLE AQUEOUS POLYMER EMUL-
SIONS, PRODUCTION AND USE
THEREOF

• EMULSIONS POLYMERES
AQUEUSES STABLES, LEUR PREPA-
RATION ET LEUR UTILISATION

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

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

(72, 75) GLAS, Günther [DE/DE]; Auf der Höhe
12, 67149 Meckenheim (DE). SIMENC,
Toni [SI/DE]; August-Bebel-Str. 69, 68199
Mannheim (DE).

(74) ISENBRUCK, Günter; Bardehle, Pagen-
berg, Dost, Altenburg, Geissler, Isenbruck,

Theodor-Heuss-Anlage 12, 68165 Mannheim
(DE).

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

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

Published / Publiée : (c)

(51)⁷ C08J 3/12, 11/06, C08L 95/00, E01C 7/26

(11) WO 01/72875 (13) A1

(21) PCT/FR01/00899

(22) 26 Mar/mar 2001 (26.03.2001)

(25) fr (26) fr

(30) 00/03837 27 Mar/mar 2000 FR
(27.03.2000)

(30) 00/14249 26 Oct/oct 2000 FR
(26.10.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GRANULAR MATERIAL BASED ON
RUBBERLIKE MATERIALS AND
METHOD FOR MAKING SAME

• MATERIAU GRANULAIRE A BASE
DE MATERIAUX CAOUTCHOUTEUX
ET SON PROCEDE DE FABRICATION

(71) PR INDUSTRIE [FR/FR]; 19, voie Ro-
maine, F-21110 Genlis (FR).

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

(72, 75) COUVERT, Michel [FR/FR]; Rue du
Bief, F-21120 Courtivron (FR). CHAVET,
Benoît [FR/FR]; 80, rue Monge, F-21000
Dijon (FR).

(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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C08J 3/12

(11) WO 01/72876 (13) A1

(21) PCT/JP01/02412

(22) 26 Mar/mar 2001 (26.03.2001)

(25) ja (26) ja

(30) 2000-90744 27 Mar/mar 2000 JP
(27.03.2000)

(30) 2000-148623 16 May/mai 2000 JP
(16.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RESIN PELLET WITH EXCELLENT
NONTACKINESS AND PROCESS FOR
PRODUCING THE SAME

• GRANULE DE RESINE A POUVOIR
NON COLLANT ELEVE ET PROCEDE
DE PRODUCTION ASSOCIE

(71) MITSUI CHEMICALS, INC. [JP/JP]; 2-5,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-6070 (JP).

(72) MORIYA, Satoru; c/o MITSUI CHEM-
ICALS, INC., 1-2, Waki 6-chome, Waki-
cho, Kuga-gun, Yamaguchi 740-0061 (JP).
KIMURA, Tomohiko; c/o MITSUI CHEMI-
ICALS, INC., 3, Chigusakaigan, Ichihara-shi,
Chiba 299-0108 (JP).

(74) SUZUKI, Shunichiro; SUZUKI & ASSO-
CIATES, Gotanda Yamazaki Bldg. 6F, 13-6,
Nishigotanda 7-chome, Shinagawa-ku, Tokyo
141-0031 (JP).

(81) CN ID IN KR SG VN.

(51)⁷ C08J 5/00, 7/00 // C08L 45:00, 65:00

(11) WO 01/72877 (13) A1

(21) PCT/JP01/02846

(22) 2 Apr/avr 2001 (02.04.2001)

(25) ja (26) ja

(30) 2000-97449 31 Mar/mar 2000 JP
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FORMED ARTICLE

• ARTICLE MOULE

(71) ZEON CORPORATION [JP/JP]; 6-1,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8323 (JP).

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

(72, 75) MINAMI, Koji [JP/JP]; c/o Research
& Development Center, ZEON CORPORA-
TION, 2-1, Yako 1-chome, Kawasaki-ku,
kawasaki-shi, Kanagawa 210-9507 (JP).

(74) WADA, Yasuro; c/o ZEON CORPORA-
TION, 6-1, Marunouchi 2-chome, Chiy-
oda-ku, Tokyo 100-8323 (JP).

(81) US.

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

(51)⁷ C08J 5/18, B05D 7/00, B29D 7/01

(11) WO 01/72878 (13) A1

(21) PCT/US01/09833

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,750 28 Mar/mar 2000 US
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ASSEMBLY OF FREE-STANDING
FILMS USING A LAYER-BY-LAYER
PROCESS

• PROCEDE D'ASSEMBLAGE PAR
COUCHE DE FILMS SANS SUPPORT

(71) THE BOARD OF REGENTS FOR
OKLAHOMA STATE UNIVERSITY
[US/US]; 203 Whitehurst, Oklahoma State
University, Stillwater, OK 74078 (US).

(72) KOTOV, Nicholas, A.; 2114 Celia Street,
Stillwater, OK 74074 (US).

- (74) **WEEKS, R., Alan**; Fellers, Snider, Blankenship, Bailey & Tippens, P.C., Suite 800, 321 S. Boston Avenue, Tulsa, OK 74103-3318 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C08J 5/24, B29B 11/16, B32B 15/08, 17/04 // H05K 1/03, B29K 105:06**(11) **WO 01/72879** (13) A1

(21) PCT/JP01/02382

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-87329 **27 Mar/mar 2000 JP (27.03.2000)**(30) 2000-87330 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **LOWLY HEAT-EXPANDABLE LAMINATE**
• **STRATIFIE FAIBLEMENT THERMOEXPANSIBLE**

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1-1, Doshomachi 4-chome, Chuo-ku, Osaka-shi, Osaka 540-8645 (JP). **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza Kadoma, Kadoma-shi, Osaka 571-8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INOUE, Tomoko** [JP/JP]; c/o Chemical Products Company, Takeda Chemical Industries, Ltd., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8686 (JP). **OKUMURA, Hiroya** [JP/JP]; c/o Chemical Products Company, Takeda Chemical Industries, Ltd., 17-85, Jusohonmachi 2-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8686 (JP). **HIRATA, Isao** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **OKADA, Shigehiro** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

(74) **TANI, Yoshitaka**; 3F, Koei Bldg., 1-13, Awajimachi 2-chome, Chou-ku, Osaka-shi, Osaka 541-0047 (JP).

(81) CN JP KR US.

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

(51)⁷ **C08J 9/00**(11) **WO 01/72880** (13) A2

(21) PCT/US01/10134

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/193,020 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **INTEGRAL SKIN FOAMS EMPLOYING PENTAFLUOROBUTANE BLOWING AGENTS**
• **MOUSSES POURVUES DE PELLICULES METTANT EN APPLICATION DES AGENTS SOUFFLANTS DE PENTAFLUOROBUTANE**

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

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

(72, 75) **BRANDOLI, Andrea** [IT/IT]; Via Crepellani, No. 131, I-41100 Modena (IT). **GUIDETTI, Giuliano** [IT/IT]; Via Praga, No. 5, I-41012 Carpi (IT). **MICAGNI, Alberto** [IT/IT]; Via Cimone, No. 7, I-41013 Castelfranco Emilia (IT). **MUSSINI, Stefano** [IT/IT]; Via Don Primo Mazzolari, No. 11/C, I-42013 Casalgrande (IT).

(74) **ULMER, Duane, C.**; The Dow Chemical Company, 2301 N. Brazosport Boulevard, Building B-1211, Freeport, TX 77541-3257 (US).

(81) BR CA CN CZ IN JP KR MX PL TR US.

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

(51)⁷ **C08K 3/22, 3/36, 7/00**(11) **WO 01/72881** (13) A1

(21) PCT/BR01/00030

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 00/03965 **29 Mar/mar 2000 FR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **POLYESTER-BASED COMPOSITIONS HAVING IMPROVED THERMOMECHANICAL PROPERTIES AND PROCESS TO PRODUCE SAID COMPOSITIONS**
• **COMPOSITIONS A BASE DE POLYESTER POSSEDANT DES PROPRIETES THERMOMECHANIQUES AMELIOREES ET PROCEDE SERVANT A PREPARER LESDITES COMPOSITIONS**

(71) **RHODIA STER S.A.** [BR/BR]; WTC - World Trade Center, Avenida Das Nações Unidas, 12.551, 8 andar, CEP-04578-903 São Paulo, SP (BR).

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

(72, 75) **LEPAGE, Jean, Luc** [FR/FR]; Rhodia CRL, 85, avenue des Frères Perret, Boîte postale 62, F-69192 Saint Fons (FR).

(74) **ARNAUD, Antonio, M., P.** et al. / etc.; Rua José Bonifácio, 93, 7th Floor, CEP-01003-901 São Paulo, SP (BR).

(81) BR CA CO MX US.

Declaration / Déclaration :

(i) for the following designations / pour les désignations suivantes : BR CA CO MX US(51)⁷ **C08K 3/22, 3/36, 7/00**(11) **WO 01/72882** (13) A1

(21) PCT/FR01/00845

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) fr (26) fr

(30) 00/03965 **29 Mar/mar 2000 FR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **COMPOSITIONS BASED ON POLYESTERS EXHIBITING IMPROVED THERMOMECHANICAL PROPERTIES AND METHOD FOR MAKING SAME**
• **COMPOSITIONS A BASE DE POLYESTERS PRESENTANT DES PROPRIETES THERMOMECHANIQUES AMELIOREES ET PROCEDE DE FABRICATION DE CES COMPOSITIONS**

(71) **TERGAL FIBRES** [FR/FR]; rue Jules Ver-cruysse, F-02430 Gauchy (FR).

(71, 72) **LEPAGE, Jean-Luc** [FR/FR]; 6, chemin des Tours, F-69340 Francheville (FR).

(74) **ESSON, Jean-Pierre**; Rhodia Services, Direction de la Propriété Industrielle, Centre de recherches de Lyon, Boîte postale 62, F-69192 Saint-Fons (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BY BZ CH CN CO 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 MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **C08K 3/30, C08L 23/10, C08K 7/14 // (C08L 23/10, 51:06, 77:00, C08K 3:30, 7:14)**(11) **WO 01/72883** (13) A1

(21) PCT/EP01/03508

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 15 984.2 **31 Mar/mar 2000 DE (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **LONG FIBER REINFORCED POLYOLEFIN PLASTIC STRUCTURE AND SHAPED BODIES FORMED THEREFROM**
• **STRUCTURE PLASTIQUE EN POLYOLEFINE, RENFORCEE PAR DES FIBRES LONGUES, ET CORPS MOULES OBTENUS A PARTIR DE CETTE STRUCTURE**

(71) **TICONA GMBH** [DE/DE]; An der B 43, 65451 Kelsterbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BORGNER, Thomas** [DE/DE]; Ludwigstr. 1, 65747 Bischofsheim (DE). **HEYDWEILLER, Joachim** [DE/DE]; Max-Beckmann-Weg 39, 65428 Ruesselsheim (DE). **BERND, Heinz** [DE/DE]; Jahnstr. 10, 64646 Heppenheim (DE). **THOMAS, Gabriele** [DE/DE]; Darmstädter Str. 23, 64807 Dieburg (DE).

(81) AT CH DE DK ES FI GB JP LU PT SE TR US.

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

Published / Publiée : (c)

(51)⁷ C08K 3/34, C08L 21/00

(11) WO 01/72884 (13) A1

(21) PCT/EP01/02638

(22) 8 Mar/mar 2001 (08.03.2001)

(25) de (26) de

(30) 100 14 664.3 24 Mar/mar 2000 DE (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RUBBER MIXTURE THAT CAN BE CROSS-LINKED BY SULFUR, METHOD FOR THE PRODUCTION THEREOF, AND CROSS-LINKED RUBBER MIXTURES AND SHAPED BODIES THAT CAN BE OBTAINED THEREFROM

• MELANGE CAOUTCHOUTEUX RETICULABLE AVEC DU SOUFRE, PROCEDE PERMETTANT DE LE PRODUIRE, MELANGES CAOUTCHOUTEUX RETICULES ET CORPS MOULES AINSI OBTENUS

(71) SÜD-CHEMIE AG [DE/DE]; Lenbachplatz 6, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRANDSCH, Rainer [DE/DE]; Am Waldhang 24, 82205 Gilching (DE).
DICK, Stefan [DE/DE]; Weiherstrasse 15, 86706 Weichering (DE).
SCHURZ, Klaus [DE/DE]; Drygalskiallee 111, 81477 München (DE).
RENNAR, Nikolaus [DE/DE]; Schulstrasse 1, 97294 Unterpleichfeld (DE).
SIEDLER, Andreas [DE/DE]; Seussstrasse 32, 63768 Hösbach (DE).

(74) SPLANEMANN REITZNER BARONETZKY WESTENDORP; Rumfordstrasse 7, 80469 München (DE).

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

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

(51)⁷ C08K 5/00, 3/00

(11) WO 01/72885 (13) A1

(21) PCT/US01/09668

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 60/192,083 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NANOSTRUCTURED CHEMICALS AS ALLOYING AGENTS IN POLYMERS

• PRODUITS CHIMIQUES NANOSTRUCTURES UTILISES COMME AGENTS D'ALLIAGE DANS DES POLYMERES

(71) HYBRID PLASTICS LLP [US/US]; 18237 Mt. Baldy Circle, Fountain Valley, CA 92708-6117 (US).

(72) LICHTENHAN, Joseph, D.; 31085 Via Sonora, San Juan Capistrano, CA 92675 (US).
SCHWAB, Joseph, J.; 16352 Bradbury, Huntington Beach, CA 92647 (US).
LEE, Andre, S.; 24159 Broadmoor Park Boulevard, Novi, MI 48374 (US).
PHILLIPS, Shawn; 2763 Legends Way, Lancaster, CA 93536 (US).

(74) WANG, Karry, W. et al. / etc.; Pillsbury Winthrop LLP, P.O. Box 7880, 50 Fremont Street, San Francisco, CA 94105 (US).

(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CO 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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C08K 5/00

(11) WO 01/72886 (13) A2

(21) PCT/US01/09704

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,272 27 Mar/mar 2000 US (27.03.2000)

(30) Not furnished / non communiqué 27 Mar/mar 2001 US (27.03.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REDUCTION OF FRICTION EFFECT BETWEEN POLY(ETHYLENE TEREPHTHALATE) PREFORMS AND BOTTLES

• REDUCTION DE L'EFFET DE FROTTEMENT ENTRE DES PREFORMES ET DES BOUTEILLES EN POLY(ETHYLENE TEREPHTHALATE)

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

(72) HALL, Graham, H.; 7 Cherrywood Avenue, Stokesley, Cleveland TS9 5EH (GB).
JENKINS, Steven, D.; The Paddock, Stokesley, Cleveland TS9 5PN (GB).
NEAL, Michael, A.; 2 Sydney Road, Marton, Middlesbrough TS7 8HG (GB).
SIDDIQUI, Junaid, A.; 5720 Turkey Oak Road, Richmond, VA 23237 (US).

(74) KRUKIEL, Charles, E.; E.I. Du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) BR CA CN ID IN JP KR MX SG TR VN ZA.

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

(51)⁷ C08K 5/3417, 5/03, B23B 5/16

(11) WO 01/72887 (13) A1

(21) PCT/US01/09749

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,675 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SCREEN PRINTABLE FLAME RETARDANT COATING
• REVETEMENT IGNIFUGE APPLICABLE PAR SERIGRAPHIE

(71) PARLEX CORPORATION [US/US]; 145 Milk Street, Methuen, MA 01844 (US).

(72) WHITEFIELD, James; 163 Black Pond Road, Charlestown, RI 02813 (US).
PRICE, David; 15 Massasoit Way, Mendon, MA 01756 (US).
CAO, Miao-Yong; 7 Harborview Drive, Warwick, RI 02889 (US).

(74) MORGENSTERN, Arthur, S. et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 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 C08K 5/372, 5/3435, C08L 83/04

(11) WO 01/72888 (13) A1

(21) PCT/FR01/00884

(22) 23 Mar/mar 2001 (23.03.2001)

(25) fr (26) fr

(30) 00/03804 24 Mar/mar 2000 FR (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR STABILISING SILICONE ELASTOMER MOULDS

• PROCEDE DE STABILISATION DE MOULES EN ELASTOMERE SILICONE

(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) BRESSIEUX, Jérôme [FR/FR]; 30, rue Jeanne Hachette, F-69003 Lyon (FR).
DEFORTH, Thomas [FR/FR]; Allée 10, 184, rue Marcel Mérieux, F-69007 Lyon (FR).
PUSINERI, Christian [FR/FR]; 33, rue des Fleurs, F-69360 Serezin du Rhône (FR).

(74) TROLLET, Maurice; Rhodia Services, Direction de la Propriété Industrielle, Centre de Recherches de Lyon, BP 62, F-69192 Saint-Fons (FR).

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

LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ C08K 9/02, C08L 77/00

(11) WO 01/72889 (13) A1

(21) PCT/FR01/00844

(22) 21 Mar/mar 2001 (21.03.2001)

(25) fr (26) fr

(30) 00/03959 29 Mar/mar 2000 FR (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITE MATERIAL BASED ON POLYAMIDE AND SUBMICRONIC MINERAL PARTICLES

• MATERIAU COMPOSITE A BASE DE POLYAMIDE ET PARTICULES MINÉRALES SUBMICRONIQUES

(71) RHODIANYL [FR/FR]; 26, quai Alphonse Le Gallo, F-92512 Boulogne-Billancourt Cedex (FR).

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(72, 75) DUPUIS, Dominique [FR/FR]; 11, rue Louis Couperin, F-60800 Crepy en Valois (FR). LACOMBE, Patrice [FR/FR]; 164, rue du 8 mai 1945, F-69100 Villeurbanne (FR). VARLET, Joël [FR/FR]; 53 bis, avenue Barthélémy Buyer, F-69005 Lyon (FR).

(74) ESSON, Jean-Pierre; Rhodia Services, Direction de la Propriété Industrielle, Centre de recherches de Lyon, B.P. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C08L 1/00, 1/02, 1/08, 3/00, 5/00

(11) WO 01/72890 (13) A1

(21) PCT/US01/02796

(22) 29 Jan/jan 2001 (29.01.2001)

(25) en (26) en

(30) 09/536,555 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BIODEGRADABLE POLYMER COMPOSITIONS, METHODS FOR MAKING SAME AND ARTICLES THEREFROM

• COMPOSITIONS POLYMERES BIODEGRADABLES, PROCÉDES DE FABRICATION ET ARTICLES AINSI OBTENUS

(71) BIOTECHNOLOGY RESEARCH AND DEVELOPMENT CORPORATION [US/US]; 1815 N. University Street, Peoria, IL 61604 (US).

(72) WILLET, Julious, L.; 1069 Johnson, Morton, IL 61550 (US). DOANE, William, M.; 448 S. Montana, Morton, IL 61550 (US). GARLOTTA, Donald; 5905 North Aspenwood Drive #5501, Peoria, IL 61615 (US).

(74) BLISS, Daniel, H.; Bliss McGlynn, P.C., 2075 West Big Beaver Road, Suite 600, Troy, MI 48084 (US).

(81) AU CA.

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

(51)⁷ C08L 9/02, C08K 5/3475

(11) WO 01/72891 (13) A1

(21) PCT/JP00/01847

(22) 27 Mar/mar 2000 (27.03.2000)

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RUBBER VIBRATION INSULATOR

• ISOLANT EN CAOUTCHOUC POUR VIBRATIONS

(71) SHISHIAI-KABUSHIKIGAISHA [JP/JP]; 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(72) HORI, Mitsuo; Shishiai-Kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP). AOKI, Tatsuya; Shishiai-Kabushikigaisha, 12, Shin-hazama, Seki-shi, Gifu 501-3923 (JP).

(74) HIROE, Takenori; 631-7, Masaki-kurifune, Gifu-shi, Gifu 502-0857 (JP).

(81) JP.

(51)⁷ C08L 19/00, 23/16, C08K 11/00, 3/00, 3/04 // (C08L 19/00, 21:00, C08K 3:00, 3:04, 11:00)

(11) WO 01/72892 (13) A1

(21) PCT/GB01/01441

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 0007525.9 29 Mar/mar 2000 GB (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ATTENUATION MATERIAL

• MATIERE D'ATTENUATION

(71, 72) BRYANT, John, Graham [GB/GB]; 17 Ffordd Aneurin Bevan, Sketty, Swansea SA2 9GZ (GB).

(74) CAWDELL, Karen, Teresa; Urquhart-Dykes & Lord, Alexandra House, 1 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ C08L 23/16, 23/10, 9/02, 13/00

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(21) PCT/EP01/03111

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en (26) en

(30) MI2000A000646 28 Mar/mar 2000 IT (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MIXTURES OF THERMOPLASTIC ELASTOMERS AND POLAR POLYMERS

• MELANGES D'ELASTOMERES THERMOPLASTIQUES ET DE POLYMERES POLAIRES

(71) BASELLETECH USA INC. [US/US]; Suite 1704, 300 Delaware Avenue, Wilmington, DE 19803 (US).

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(72, 75) BRAGA, Vittorio [IT/IT]; Via G. Meli, 12, I-44100 Ferrara (IT). LIETARD, Virginie [FR/FR]; 44, route de Looberghe, F-59630 Bruckerque (FR).

(74) GAVERINI, Gaetano; Basell Poliolefine Italia S.p.A., Via Pergolesi, 25, I-20124 Milano (IT) et al. / etc.

(81) AU BR CA CN CZ IN JP KR MX NO RU US.

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

(51)⁷ C08L 23/16, 23/10

(11) WO 01/72894 (13) A1

(21) PCT/US01/09435

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/192,106 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • THERMOPLASTIC ELASTOMERS HAVING IMPROVED LOW TEMPERATURE PROPERTIES

• ELASTOMERES THERMOPLASTIQUES POSSEDANT DES PROPRIETES BASSES TEMPERATURES AMELIOREES

(71) ADVANCED ELASTOMER SYSTEMS, L.P. [US/US]; 388 South Main Street, Akron, OH 44311-1059 (US). EXXON CHEMICAL PATENTS, INC. [US/US]; 5200 Bayway Drive, Baytown, TX 77520 (US).

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(72, 75) ELLUL, Maria, D. [US/US]; 3230 North Dover Road, Silver Lake Village, OH

44224 (US). **DATTA, Sudhin** [US/US]; 2203 Driscoll Street, Houston, TX 77019-6826 (US). **CHENG, Jianya** [US/US]; 570 Park Hill Drive, Fairlawn, OH 44333 (US). **MC-DANIEL, Paul** [US/US]; 236 Chestnut Boulevard, Cuyahoga Falls, OH 44221 (US). **WANG, Kang-Bo** [US/US]; 263 Brookrun, Copley, OH 44321 (US).

(74) **SKINNER, William, A.**; General Patent Counsel, Advanced Elastomer Systems, L.P., 388 South Main Street, Akron, OH 44311-1059 (US).

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

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

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(51)⁷ C08L 25/00, 25/06, 53/02, 51/04, 55/02, C08F 8/04, 279/02

(11) WO 01/72895 (13) A1

(21) PCT/EP01/02732

(22) 12 Mar/mar 2001 (12.03.2001)

(25) de (26) de

(30) 100 14 610.4 24 Mar/mar 2000 DE (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • THERMOPLASTIC POLYVINYLCHLORIDE MOULDING COMPOUNDS WITH IMPROVED CHARACTERISTICS

• MATIERES MOULABLES THERMOPLASTIQUES A BASE DE POLYVINYLCHLORIDE, A PROPRIETES AMELIOREES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÖCKEL, Dirk** [DE/DE]; Buschstr. 167, 47800 Krefeld (DE). **EICHENAUER, Herbert** [DE/DE]; Gustav-Heinemann-Str. 3, 41539 Dormagen (DE). **KRÜGER, Peter** [DE/DE]; Tempelhofer Str. 60, 51375 Leverkusen (DE). **BRUDER, Friedrich-Karl** [DE/DE]; Bodelschwingstr. 20, 47800 Krefeld (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ C08L 27/06, 51/06, C08K 3/26

(11) WO 01/72896 (13) A1

(21) PCT/JP01/02757

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-98519 31 Mar/mar 2000 JP (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VINYL CHLORIDE RESIN COMPOSITION

• COMPOSITION DE RESINE A BASE DE CHLORURE DE VINYLE

(71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
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(72, 75) **IGUCHI, Hirokazu** [JP/JP]; 1374-27, Shin-nobe, Befu-cho, Kakogawa-shi, Hyogo 675-0131 (JP). **NAKAJIMA, Nobumasa** [JP/JP]; 1-21, Yamashita-cho, Akashi-shi, Hyogo 673-0878 (JP). **YUI, Koji** [JP/JP]; 344-309, Arise, Ikawadani-cho, Nishi-ku, Kobe-shi, Hyogo 651-2113 (JP). **KADOKURA, Mamoru** [JP/JP]; 1004-33, Hamada, Aboshi-ku, Himeji-shi, Hyogo 671-1242 (JP).

(74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12-32, Akasaka 1-chome, Minato-ku, Tokyo 107-6028 (JP).

(81) AU CA CN JP KR RU SG US.

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

(51)⁷ C08L 51/00, C14C 11/00, C08F 265/06

(11) WO 01/72897 (13) A1

(21) PCT/FR01/00825

(22) 20 Mar/mar 2001 (20.03.2001)

(25) fr (26) fr

(30) 00/03798 24 Mar/mar 2000 FR (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITIONS FOR TREATING LEATHER CONTAINING AQUEOUS POLYMER DISPERSIONS, FILM-FORMING IN THE ABSENCE OF ORGANIC SOLVENT

• COMPOSITIONS POUR LE TRAITEMENT DU CUIR CONTENANT DES DISPERSIONS AQUEUSES DE POLYMERES, FILMOGENES EN L'ABSENCE DE SOLVANT ORGANIQUE

(71) **ATOFINA** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).
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(72, 75) **BIVER, Claudine** [FR/FR]; 34, rue Salvador Allende, F-92000 Nanterre (FR). **DRUJON, Xavier** [FR/FR]; Chemin de Rebenacq, F-64290 Bosdarros (FR). **LEIBLER, Ludwik** [FR/FR]; 29, avenue de Lamballe, F-75016 Paris (FR). **VALOT, Emeryc**

[FR/FR]; 4, rue Sainte-Geneviève, F-78220 Viroflay (FR).

(74) **SARRAF, Tarek**; Atofina, Dépt. Propriété Industrielle, 4/8, cours Michelet-La Défense 10, F-92091 Paris la Défense Cedex (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C08L 63/00, C08G 59/02

(11) WO 01/72898 (13) A1

(21) PCT/US01/10095

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/193,356 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • THERMALLY DEGRADABLE EPOXY UNDERFILLS FOR FLIP-CHIP APPLICATIONS

• SOUS REMPLISSAGES A L'EPOXYDE THERMIQUEMENT DEGRADABLES POUR APPLICATIONS DE PUCES A PROTUBERANCES

(71) **GEORGIA TECH RESEARCH CORPORATION** [US/US]; 400 Tenth Street, N.E., Atlanta, GA 30332 (US).

(72) **WANG, Lejun**; 1087 Westshire Place - No 4, Atlanta, GA 30318 (US). **WONG, Ching-Ping**; 3422 Glen Devon Lane, Duluth, GA 30096 (US). **LI, Haiying**; 251 Tenth Street, Apartment 154, Atlanta, GA 30318 (US).

(74) **WILLIAMS, Roger, S.**; Troutman Sanders LLP, Suite 5200, 600 Peachtree Street, Atlanta, GA 30308 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C08L 69/00, C08G 64/08, C08J 5/00

(11) WO 01/72899 (13) A1

(21) PCT/JP01/01639

(22) 2 Mar/mar 2001 (02.03.2001)

(25) ja (26) ja

(30) 2000-85576 27 Mar/mar 2000 JP (27.03.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • FLAME-RETARDANT POLYCARBONATE RESIN COMPOSITION AND MOLDED ARTICLE
- COMPOSITION DE RESINE DE POLYCARBONATE ANTI-FEU ET ARTICLE MOULE
- (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) ISOZAKI, Toshio [JP/JP]; 1-1, Anesakigaigan, Ichihara-shi, Chiba 299-0107 (JP).
- (74) KATAOKA, Makoto; c/o Idemitsu Kosan Co., Ltd., International Property Center, 24-4, Anesakigaigan, Ichihara-shi, Chiba 299-0107 (JP).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C08L 69/00, C08K 3/24, 5/52, C08L 25/00, 67/00
- (11) WO 01/72900 (13) A1
- (21) PCT/JP01/02474
- (22) 27 Mar/mar 2001 (27.03.2001)
- (25) ja (26) ja
- (30) 2000-88195 28 Mar/mar 2000 JP (28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • RECLAIMED RESIN COMPOSITION
- COMPOSITION DE RESINE REGENE-REE
- (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) TAKAGI, Makoto [JP/JP]; Teijin Chemicals, Ltd., 2-2, Uchisaiwaicho 1-chome, Chiyoda-ku, Tokyo 100-0011 (JP).
- (74) OHSHIMA, Masataka; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C08L 69/00, C08K 5/103, 5/49, C08J 5/00
- (11) WO 01/72901 (13) A1
- (21) PCT/JP01/02777
- (22) 30 Mar/mar 2001 (30.03.2001)
- (25) ja (26) ja
- (30) 2000-093999 30 Mar/mar 2000 JP (30.03.2000)
- (30) 2000-109386 11 Apr/avr 2000 JP (11.04.2000)
- (30) 2000-271394 7 Sep/sep 2000 JP (07.09.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • AROMATIC POLYCARBONATE COMPOSITION, PROCESS FOR PRODUCING THE SAME, AND MOLDED ARTICLE THEREOF
- COMPOSITION DE POLYCARBONATE AROMATIQUE, FABRICATION DE CETTE COMPOSITION ET ARTICLE MOULE A PARTIR DE LADITE COMPOSITION
- (71) TEIJIN LIMITED [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) FUNAKOSHI, Wataru [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). KAGEYAMA, Yuichi [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). KANEKO, Hiroaki [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). SASAKI, Katsushi [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP). MIYOSHI, Takanori [JP/JP]; Teijin Limited, Iwakuni Research Center, 2-1, Hinodecho, Iwakuni-shi, Yamaguchi 740-0014 (JP).
- (74) OHSHIMA, Masataka; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4-chome, Shinjuku-ku, Tokyo 160-0004 (JP).
- (81) CN JP KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C08L 71/12, 101/00, 45/00, H05K 3/46
- (11) WO 01/72902 (13) A1
- (21) PCT/JP01/02798
- (22) 30 Mar/mar 2001 (30.03.2001)
- (25) ja (26) ja
- (30) 2000-95184 30 Mar/mar 2000 JP (30.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CURABLE COMPOSITION AND MULTILAYERED CIRCUIT SUBSTRATE
- COMPOSITION RETICULABLE ET SUBSTRAT DE CIRCUIT MULTICOUCHE
- (71) ZEON CORPORATION [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) WAKIZAKA, Yasuhiro [JP/JP]; c/o Research & Development Center, ZEON CORPORATION, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP). YUYAMA, Kanji [JP/JP]; c/o Research & Development Center, ZEON CORPORATION, 2-1, Yako 1-chome, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-9507 (JP).
- (74) WADA, Yasuro; c/o ZEON CORPORATION, 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8323 (JP).
- (81) KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ C08L 83/00
- (11) WO 01/72903 (13) A2
- (21) PCT/US01/08959
- (22) 21 Mar/mar 2001 (21.03.2001)
- (25) en (26) en
- (30) 09/535,556 27 Mar/mar 2000 US (27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • THERMOPLASTIC SILICONE ELASTOMERS FORMED FROM NYLON RESINS
- ELASTOMERES EN SILICONE THERMOPLASTIQUE FORMES AVEC DES RESINES DE NYLON
- (71) DOW CORNING CORPORATION [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US). DOW CORNING ASIA, LTD. [JP/JP]; 1-1-3, Marunouchi, Chiyoda-ku, Tokyo 100-0005 (JP).
- (72) CHORVATH, Igor; 3695 Jane Drive, Midland, MI 48642 (US). LEE, Michael; 6107 Millbrook Drive, Midland, MI 48640 (US). LI, Dawei; 4301 Ottawa Street, Midland, MI 48642 (US). NAKANISHI, Koji; 1-6-733 Yushyudai-nishi, Ichihara-shi, Chiba 299-0125 (JP). LEE, Yongjun; 386-29 Sanda, Hiratsuka, Kanagawa (JP). OLDINSKI, Robert, L.; 2656 German Road, Bay City, MI 48708 (US). RABE, Richard, L.; 2463 North Trail, Midland, MI 48642 (US). ROMENESKO, David, J.; 4102 Elm Court, Midland, MI 48642 (US). SAGE, Jeffrey, P.; 2307 Wilmington Drive, Midland, MI 48642 (US).
- (74) ZOMBECK, Alan; Patent Department - Mail C01232, Dow Corning Corporation, 2200 West Salzburg Road, Auburn, MI 48611 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ C08L 97/02, 69/00, C08J 3/00, B29C 47/00 // (C08L 97/02, 69/00)
- (11) WO 01/72904 (13) A2
- (21) PCT/EP01/04071
- (22) 2 Apr/avr 2001 (02.04.2001)
- (25) en (26) en
- (30) 09/540,484 31 Mar/mar 2000 US (31.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A PLANT FIBER COMPOSITE MATERIAL, ITS PRODUCTS AND A PROCESSING METHOD THEREOF
- MATERIAU COMPOSITE A BASE DE FIBRES VEGETALES, PRODUITS EN ETANT FAITS ET SON PROCEDE DE FABRICATION

- (71) **ENVIRO CONCEPT LTD** [MT/MT]; 123 Melita Street, Valletta VLT12, Malta (MT). **GEVERS & VANDER HAEGHEN** [BE/BE]; 7, rue de Livourne, B-1060 Brussels (BE).
- (72) **YOU TONG, Wang**; Building No. 5, 177 Huancheng Road East, Yichun Municipality, Jiangxi Province (CN).
- (74) **QUINTELIER, Claude** et al. / etc.; Gevers & Vander Haeghen, 7, rue de Livourne, B-1060 Brussels (BE).
- (81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI 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 NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C08L 101/00, 69/00, 83/04 // (C08L 69/00, 83:04, 27:18)**
- (11) **WO 01/72905** (13) A2
- (21) PCT/IB01/00674
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 2000-99637 **31 Mar/mar 2000 JP (31.03.2000)**
- (30) 2000-107153 **7 Apr/avr 2000 JP (07.04.2000)**
- (30) 09 817,497 **26 Mar/mar 2001 US (26.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **FLAME-RETARDANT RESIN MOLDING**
• **MOULAGE DE RESINE IGNIFUGE**
- (71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
- (72) **SAITO, Akihiro**; c/o Technology Center, GE Plastics Japan, Ltd., 2-2 Kinugaoka, Mooka-shi, Ibaraki-ken (JP). **ISHIDA, Hiromi**; c/o GE Toshiba Silicones Co., LTD., 2-31 Roppongi, 6-chome, Minato-ku, Tokyo (JP). **TAKEZAWA, Yoshiaki**; c/o GE Toshiba Silicones Co., LTD., 2-31 Roppongi, 6-chome, Minato-ku, Tokyo (JP). **HORIE, Yutaka**; GE Plastics, Japan, Ltd., 2-2 Kinugaoka, Mooka-shi, Ibaraki-ken, Tokyo (JP).
- (74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).
- (81) CN KR SG.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C09B**
- (11) **WO 01/72906** (13) A2
- (21) PCT/EP01/02487
- (22) **6 Mar/mar 2001 (06.03.2001)**
- (25) de (26) de
- (30) 100 15 004.7 **25 Mar/mar 2000 DE (25.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **BLACK TRIS AZO METAL COMPLEX DYES**
• **COLORANTS NOIRS TRIS-AZO A COMPLEXES METALLIQUES**
- (71) **CLARIANT GMBH** [—/DE]; Brüningstrasse 50, 65929 Frankfurt am Main (DE).
- (72) **GEISENBERGER, Josef**; Im Haindell 5, 65843 Sulzbach (DE). **WUZIK, Andreas**; Dammstrasse 14, 63526 Erlensee (DE).
- (74) **HÜTTER, Klaus**; Clariant Service GmbH, Am Unisys-Park 1, 65843 Sulzbach (DE).
- (81) BR CA JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C09B 67/26, C09D 11/00, C09B 62/20**
- (11) **WO 01/72907** (13) A1
- (21) PCT/IB01/00508
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 600/00 **28 Mar/mar 2000 CH (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **COMPOSITION FOR PRINTING RECORDING MATERIALS**
• **COMPOSITIONS DESTINEES A IMPRIMER DES SUPPORTS D'IMPRESION**
- (71) **CLARIANT INTERNATIONAL LTD.** [CH/CH]; Rothausstrasse 61, CH-4132 Muttenz 1 (CH).
(only for / seulement pour JP)
- (71) **CLARIANT FINANCE (BVI) LIMITED** [—/—]; Citco Building, Wickhams Cay, P.O. Box 662, Road Town, Tortola (VG).
(only for / seulement pour AT BE BR CA CH CY DE DK ES FI FR GB GR IE IT KR LU MC NL PT SE TR)
- (72, 75) **HASEMANN, Ludwig** [DE/DE]; Mühlentbachweg 4, 79379 Müllheim-Niederweiler (DE). **PEDRAZZI, Reinhard** [CH/CH]; Grabenmattweg 59/7, CH-4123 Allschwil (CH). **GEISENBERGER, Josef** [DE/DE]; Im Haindell 5, 65843 Sulzbach (DE). **RITTER, Josef** [DE/DE]; Haingrabenstrasse 17A, 65812 Bad Soden (DE). **MACHOLDT, Hans-Tobias** [DE/DE]; Waldstrasse 20, 64297 Darmstadt (DE). **WUZIK, Andreas** [DE/DE]; Dammstrasse 14, 63526 Erlensee (DE).
- (74) **D'HAEMER, Jan**; Clariant International Ltd., Rothausstrasse 61, CH-4132 Muttenz 1 (CH).
- (81) BR CA JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C09C 1/48, F23C 11/00**
- (11) **WO 01/72908** (13) A1
- (21) PCT/JP01/02560
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) ja (26) ja
- (30) 2000-91726 **29 Mar/mar 2000 JP (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **METHOD AND APPARATUS FOR PRODUCING CARBON BLACK, AND METHOD AND APPARATUS FOR BURNING IN FURNACE**
• **PROCEDE ET APPAREIL POUR LA PRODUCTION DE NOIR DE CARBONE, ET PROCEDE ET APPAREIL POUR LA COMBUSTION DANS UN FOUR**
- (71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **NIPPON FURNACE KOGYO KAISHA, LTD.** [JP/JP]; 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8666 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASEGAWA, Toshiaki** [JP/JP]; c/o Nippon Furnace Kogyo Kaisha, Ltd., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8666 (JP). **WATANABE, Yoshio** [JP/JP]; c/o Nippon Furnace Kogyo Kaisha, Ltd., 1-53, Shitte 2-chome, Tsurumi-ku, Yokohama-shi, Kanagawa 230-8666 (JP). **FUKUYAMA, Yutaka** [JP/JP]; c/o Mitsubishi Chemical Corporation, Yokkaichi Plant, nt, 1, Toho-cho, Yokkaichi-shi, Mie 510-0848 (JP). **YAMAZAWA, Tatsuhiko** [JP/JP]; c/o Kurosaki Plant, Mitsubishi Chemical Corporation, n, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). **TAKEHARA, Hiroaki** [JP/JP]; c/o Kurosaki Plant, Mitsubishi Chemical Corporation, n, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP). **YAMAMOTO, Takaharu** [JP/JP]; c/o Kurosaki Plant, Mitsubishi Chemical Corporation, n, 1-1, Kurosakishiroishi, Yahatanishi-ku, Kitakyushu-shi, Fukuoka 806-0004 (JP).
- (74) **OKADA, Kazuhiko**; Halifax Kudan Building, 4F, 4-4, Kudan-Minami 2-chome, Chiyoda-ku, Tokyo 102-0074 (JP).
- (81) CN KR US.
-
- (51)⁷ **C09D 4/00**
- (11) **WO 01/72909** (13) A2
- (21) PCT/US01/06612
- (22) **1 Mar/mar 2001 (01.03.2001)**
- (25) en (26) en
- (30) 09/536,964 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **AQUEOUS DISPERSIONS OF POLYMERIC MICROPARTICLES AND COATING COMPOSITIONS CONTAINING SAME**

- DISPERSIONS AQUEUSES DE MICROPARTICULES POLYMERES ET COMPOSITIONS DE REVETEMENT LES CONTENANT
- (71) **PPG INDUSTRIES OHIO, INC.** [US/US]; 3800 West 143rd Street, Cleveland, OH 44111 (US).
- (72) **SWARUP, Shanti**; 4918 Meadow Crest Drive, Allison Park, PA 15101 (US). **PAGAC, Edward, S.**; 1113 West Portersville Road, Portersville, PA 16051 (US). **RAGUNATHAN, Kaliappa, G.**; 1100-3 Nineteen North Drive, Pittsburgh, PA 15237 (US).
- (74) **ALTMAN, Deborah, M.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C09D 4/06, C08F 290/06, C09D 4/00, C08F 222/10, C08G 61/12**
- (11) **WO 01/72910** (13) A1
- (21) PCT/EP01/03742
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 00201102.1 **28 Mar/mar 2000 EP (28.03.2000)**
- (30) 00201968.5 **6 Jun/juin 2000 EP (06.06.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PHOTOACTIVABLE COATING COMPOSITION AND ITS USE FOR THE PREPARATION OF COATINGS WITH A RAPIDLY PROCESSABLE SURFACE AT AMBIENT TEMPERATURE
- COMPOSITION DE REVETEMENT PHOTOACTIVABLE ET SON UTILISATION POUR LA PREPARATION DE REVETEMENTS DONT LA SURFACE PEUT ETRE TRAITEE RAPIDEMENT A LA TEMPERATURE AMBIANTE
- (71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
- (72) **KLINKENBERG, Huig**; Parnassia 76, NL-2224 DD Katwijk aan Zee (NL). **NOOMEN, Arie**; Dillestraat 27, NL-2215 BM Voorhout (NL).
- (74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Intellectual Property Department (Dept. AIP), P.O. Box 9300, NL-6800 SB Arnhem (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C09D 11/00**
- (11) **WO 01/72912** (13) A2
- (21) PCT/BR01/00031
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) en (26) en
- (30) PI 0002743-0 **31 Mar/mar 2000 BR (31.03.2000)**
- (30) PI 0004962-0 **20 Oct/oct 2000 BR (20.10.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • FOAMING AQUEOUS COMPOSITION, USE THEREOF AND PROCESS FOR
- TEMPORARY DEMARCATION OF REGULATION DISTANCES IN SPORTS
- COMPOSITION AQUEUSE MOUSANTE, SON UTILISATION ET PROCEDE DE DEMARCATION TEMPORAIRE DE DISTANCES SPORTIVES REGLEMENTAIRES
- (71) **CHEMIKER DO BRASIL PRODUTOS AUTOMOTIVOS LTDA.** [BR/BR]; Avenida das Palmeiras, 1563, CEP-84130-000 Palmeiras, PR (BR).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **VILARINHO DIAS, Heine, Allemagne** [BR/BR]; Rua 28 c/11 e 13, 561, CEP-Itu-itaba, MG (BR).
- (74) **DANNEMANN, SIEMSEN, BIGLER & IPANEMA MOREIRA**; Caixa Postal 2142, Rua Marquês de Olinda, 70, Botafogo, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
- Declaration / Déclaration :
(r) for all designations / pour toutes les désignations
-
- (51)⁷ **C09D 11/00**
- (11) **WO 01/72913** (13) A2
- (21) PCT/US01/40067
- (22) **8 Feb/fév 2001 (08.02.2001)**
- (25) en (26) en
- (30) 09/536,054 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ERASABLE MARKING COMPOSITION
- COMPOSITION EFFAÇABLE POUR MARQUEUR
- (71) **BINNEY & SMITH, INC.** [US/US]; 1100 Church Lane, P.O. Box 431, Easton, PA 18044-0431 (US).
- (72) **ALLISON, Keith, J.**; 212 Genesis Drive, Blandon, PA 19510 (US). **KAISER, Richard, J.**; 1082 Kressler Road, Allentown, PA 18103 (US).
- (74) **SIMMONS, James, C.** et al. / etc.; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C09D 11/18

(11) **WO 01/72914** (13) A1
(21) PCT/JP01/02488
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-87318 **27 Mar/mar 2000 JP (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INK FOR OIL-BASED BALL PEN
• ENCRE POUR STYLO A BILLE A BASE D'HUILE

(71) **mitsubishi pencil kabushiki kaisha** [JP/JP]; 23-37, Higashi Ohi 5-chome, Shinagawa-ku, Tokyo 140-8537 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORITA, Masaaki** [JP/JP]; 2260-10, Kaminote, Tamamura-machi, Sawa-gun, Gunma 370-1127 (JP). **SUZUKI, Susumu** [JP/JP]; 376, Tatsuishishinden, Fujioka-shi, Gunma 375-0003 (JP). **TAKAYANAGI, Toshiaki** [JP/JP]; 1-24-8-607, Irie, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0014 (JP). **KOBAYASHI, Kyoko** [JP/JP]; 128, Nakaotsuka, Fujioka-shi, Gunma 375-0053 (JP).

(74) **FUJIMOTO, Eisuke** et al. / etc.; Fujimoto Patent & Law Office, Room 317, Sanno Grand Building 3F, 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).

(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 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 ZA ZW.

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

(51)⁷ C09D 183/04, 5/16

(11) **WO 01/72915** (13) A1
(21) PCT/JP01/02543
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) ja (26) ja
(30) 2000-87858 **28 Mar/mar 2000 JP (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ANTIFOULING COATING COMPOSITION
• COMPOSITION DE REVETEMENT ANTISALISSURE

(71) **KANSAI PAINT CO., LTD.** [JP/JP]; 33-1, Kanzaki-cho, Amagasaki-shi, Hyogo 661-8555 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KISHIHARA, Masato** [JP/JP]; 822-82, Otake, Odawara-shi, Kanagawa 256-0802 (JP). **HORI, Makoto** [JP/JP]; Kansai Paint Co., Ltd., Hiratsuka-ryo, 13-12, Higashiyawata 4-chome, Hiratsuka-shi, Kanagawa 254-0016 (JP). **MURAMATSU, Toshimitsu** [JP/JP]; 5-9-1, Hirasaku, Yokosuka-shi, Kanagawa 238-0032 (JP). **YONEHARA, Yoichi** [JP/JP]; 2038-4, Enzo, Chigasaki-shi, Kanagawa 253-0084 (JP).

(74) **ODAJIMA, Heikichi** et al. / etc.; Odajima Patent Office, Nippon Jitensha Building, 9-15, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).

(81) JP US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C09D 201/00, 5/03, B05D 1/36, 7/24

(11) **WO 01/72916** (13) A1
(21) PCT/JP01/02635
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) ja (26) ja
(30) 2000-92314 **29 Mar/mar 2000 JP (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESS FOR PRODUCING POWDER COATING COMPOSITION, POWDER COATING COMPOSITION, AND METHOD OF COATING FILM FORMATION

• PROCEDE DE PRODUCTION D'UNE COMPOSITION DE REVETEMENT EN POUDRE, COMPOSITION DE REVETEMENT EN POUDRE, ET PROCEDE DE FORMATION D'UN FILM DE REVETEMENT

(71) **DAINIPPON INK AND CHEMICALS, INC.** [JP/JP]; 35-58, Sakashita 3-chome, Itabashi-ku, Tokyo 174-8520 (JP). **LIQUID GAS CO., LTD.** [JP/JP]; 4-2-14, Kawara-machi, Chuo-ku, Osaka-shi, Osaka 541-0048 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKADA, Katsuhiko** [JP/JP]; 1-29-813, Kamino-cho Higashi, Kishiwada-shi, Osaka 596-0047 (JP). **AGAWA, Tetsuro** [JP/JP]; 240, Mozuumekita-cho 5-cho, Sakai-shi, Osaka 591-8031 (JP). **SHINOHARA, Kouji** [JP/JP]; 5-12-10, Jingu, Nara-shi, Nara 631-0804 (JP). **KONISHI, Yoshitaka** [JP/JP]; 1-90-1-314, Minamikyobate-cho, Nara-shi, Nara 630-8141 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ C09J 4/00, 4/06, 109/02, 113/00

(11) **WO 01/72917** (13) A1
(21) PCT/US01/09782
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/193,015 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ANAEROBIC COMPOSITIONS WITH ENHANCED TOUGHNESS AND CRACK RESISTANCE

• COMPOSITIONS ANAEROBIQUES PRESENTANT UNE TENACITE ET UNE RESISTANCE A LA FISSURATION ACCRUES

(71) **LOCTITE CORPORATION** [US/US]; 1001 Trout Brook Crossing, Rocky Hill, Connecticut 06067 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71) **ATTARWARLA, Shabbir** [US/US]; 36 Banks Road, Simsbury, CT 06070 (US).
(only for / seulement pour US)

(72, 75) **RICH, Richard, D.** [US/US]; 164 Scoville Road, Avon, CT 06001 (US). **LI, Nathalie, R.** [US/US]; 264 Carriage Crossing, Middletown, CT 06457 (US).

(74) **SCOLA, Daniel, A., Jr.**; Hoffman & Baron, LLP, 6900 Jericho Turnpike, Syosset, NY 11791 (US) et al. / etc.

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

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

(51)⁷ C09J 7/02

(11) **WO 01/72918** (13) A1
(21) PCT/US00/20426
(22) **27 Jul/juil 2000 (27.07.2000)**
(25) en (26) en
(30) 09/536,060 **27 Mar/mar 2000 US (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RELEASE ARTICLE AND ADHESIVE ARTICLE CONTAINING A POLYMERIC RELEASE MATERIAL

• ARTICLE ANTI-ADHESIF ET ARTICLE ADHESIF CONTENANT UN MATERIAU ANTI-ADHESIF POLYMERE

(71) **3M INNOVATIVE PROPERTIES COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **OU-YANG, David, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **MCGEEHAN, Lisa, M.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM

- HR HU ID IL IN IS JP KE KG KP KR KR
(Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL
TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF BJ
CF CG CI CM GA GN GW ML MR NE SN
TD TG).
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- (51)⁷ **C09J 9/00**
- (11) **WO 01/72919** (13) A2
- (21) PCT/US01/07234
- (22) **7 Mar/mar 2001 (07.03.2001)**
- (25) en (26) en
- (30) 2000-88552 **24 Mar/mar 2000 JP**
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ANISOTROPICALLY CONDUCTIVE
ADHESIVE COMPOSITION AND
ANISOTROPICALLY CONDUCTIVE
ADHESIVE FILM FORMED FROM IT
- COMPOSITION ADHESIVE A
CONDUCTIVITE ANISOTROPE ET
COUCHE MINCE ADHESIVE A
CONDUCTIVITE ANISOTROPE COM-
POSEE DE CELLE-CI
- (71) **3M INNOVATIVE PROPERTIES COM-
PANY** [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];
14-3, Rinkan 2-chome, Yamato, Kana-
gawa 242-003 (JP). **HIROSHIGE, Yuji**
[JP/JP]; 3-2-25-210, Nanno, Tama, Tokyo
206-0032 (JP). **HATA, Michiru** [JP/JP];
16-8-201, Yabe 4-chome, Sagamihara, Kana-
gawa 229-0032 (JP). **KITAMURA, Tetsu**
[JP/JP]; 12-26-1106, Higashimata, 2-chome,
Tama-ku, Kawasaki, Kanagawa 214-0033
(JP).
- (74) **BLANK, Colene, E., H.** et al. / etc.; Of-
fice of Intellectual Property Counsel, Post Of-
fice Box 33427, Saint Paul, MN 55133-3427
(US).
- (81) AE AG AL AM AT AT (Utility model /
modèle d'utilité) AU AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EE EE
(Utility model / modèle d'utilité) ES FI FI
(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SK (Utility model
/ modèle d'utilité) 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 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 GW ML MR
NE SN TD TG).
- (51)⁷ **C09J 175/00**
- (11) **WO 01/72920** (13) A1
- (21) PCT/JP01/02462
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-91667 **29 Mar/mar 2000 JP**
(29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PHOTOREACTIVE ADHESIVE COM-
POSITION AND METHOD OF BOND-
ING WITH THE SAME
- COMPOSITION ADHESIVE PHOTO-
REACTIVE ET PROCEDE DE LIAISON
A L'AIDE DE LADITE COMPOSITION
- (71) **SEKISUI CHEMICAL CO., LTD.** [JP/JP];
4-4, Nishitemma 2-chome, Kita-ku, Osaka-
shi, Osaka 530-8565 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **ISHIZAWA, Hideaki** [JP/JP]; c/o
SEKISUI CHEMICAL CO., LTD., 2-1,
Hyakuyama, Shimamoto-cho, Mishima-gun,
Osaka 618-8589 (JP).
- (74) **MIYAZAKI, Chikara** et al. / etc.;
Nishimura Bldg., 6-5, Tanimachi 1-chome,
Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁷ **C09J 201/00, 11/06**
- (11) **WO 01/72921** (13) A1
- (21) PCT/JP00/09446
- (22) **28 Dec/déc 2000 (28.12.2000)**
- (25) ja (26) ja
- (30) 2000/87916 **28 Mar/mar 2000 JP**
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ADHESIVE COMPOSITION
- COMPOSITION ADHESIVE
- (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) **DATE, Hiroaki** [JP/JP]; Fujitsu Limited,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
SASAKI, Makoto [JP/JP]; Fujitsu Limited,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
YAGI, Tomohisa [JP/JP]; Fujitsu Limited,
1-1, Kamikodanaka 4-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa 211-8588 (JP).
TOKUHIRA, Hideshi [JP/JP]; Fujitsu
Limited, 1-1, Kamikodanaka 4-chome, Naka-
hara-ku, Kawasaki-shi, Kanagawa 211-8588
(JP). **IMAIZUMI, Nobuhiro** [JP/JP]; Fujitsu
Limited, 1-1, Kamikodanaka 4-chome, Naka-
hara-ku, Kawasaki-shi, Kanagawa 211-8588
(JP).
- (74) **YOSHIDA, Minoru** et al. / etc.; 2-32-1301,
Tamatsukuri-motomachi, Tennoji-ku, Osaka-
shi, Osaka 543-0014 (JP).
- (81) JP US.
-
- (51)⁷ **C09J 201/02, 115/00, 119/00, 123/26,
C08J 3/12, C09J 9/00**
- (11) **WO 01/72922** (13) A1
- (21) PCT/EP01/03164
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) de (26) de
- (30) 100 15 290.2 **28 Mar/mar 2000 DE**
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • REACTIVE HOT-MELT-TYPE ADHE-
SIVE GRANULATE FOR INSULATING
GLASS
- GRANULATS ADHESIFS THERMO-
FUSIBLES REACTIFS POUR VERRE
D'ISOLATION
- (71) **HENKEL TEROSON GMBH** [DE/DE];
Hans-Bunte-Strasse 4, 69123 Heidelberg
(DE).
*(for all designated States except / pour tous
les États désignés sauf US)*
- (72, 75) **GRIMM, Stefan** [DE/DE]; Al-
bert-Schweitzer-Strasse 17, 68723 Schwet-
zingen (DE). **PRÖBSTER, Manfred**
[DE/DE]; Friedrich-Ebert-Strasse 4,
69226 Nußloch (DE). **KOHL, Mathias**
[DE/DE]; Huntstrasse 8c, 69514 Laudен-
bach (DE). **FERENCZ, Andreas** [DE/DE];
Kopernikusstrasse 42, 40223 Düsseldorf
(DE).
- (74) **MATHES, Nikolaus**; Henkel Kommandit-
gesellschaft auf Aktien, Patente (VTP), 40191
Düsseldorf (DE).
- (81) CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **C09K 3/18, D06M 15/643, 13/513 // B60S
5/00**
- (11) **WO 01/72923** (13) A1
- (21) PCT/JP00/07577
- (22) **27 Oct/oct 2000 (27.10.2000)**
- (25) ja (26) ja
- (30) 09/536,412 **28 Mar/mar 2000 US**
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TREATING AGENT FOR CLOTH FOR
IMPARTING WATER REPELLENCY
AND CLOTH FOR IMPARTING WATER
REPELLENCY OR FOR IMPARTING
WATER REPELLENCY AND GLOSS
- APPRET POUR TISSUS IMPERMEABI-
LISANTS ET TISSU IMPERMEABI-
SANT OU CONFERANT BRILLANCE
ET IMPERMEABILITE
- (71) **TAIHO INDUSTRIES, CO., LTD.** [JP/JP];
21-44, Takanawa 2-chome, Minato-ku, Tokyo
108-0074 (JP).

(72) **USHIJIMA, Takashi**; 33-15-302, Kokubukita 1-chome, Ebina-shi, Kanagawa-ken 243-0406 (JP). **OKAMURA, Kiyoshi**; 2-7-8-104, Tsujido unishi-kaigan 2-chome, Fujisawa-shi, Kanagawa 251-0046 (JP). **SHINOHARA, Seigo**; 1-1-7-302, Tsutsumi, Chigasaki-shi, Kanagawa-ken 253-0006 (JP).

(74) **FUKUMURA, Naoki**; 401, Chuo-Dainana Nishi-shinjuku Building, 18-5, Nishi-shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) AU CN ID JP KR NZ SG.

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

(51)⁷ C09K 5/10

(11) WO 01/72924 (13) A1

(21) PCT/FR01/00930

(22) 27 Mar/mar 2001 (27.03.2001)

(25) fr (26) fr

(30) 00/03944 29 Mar/mar 2000 FR (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HEAT TRANSFER FLUID BASED ON POLYPHENYLMETHANES EXHIBITING IMPROVED THERMAL STABILITY

• FLUIDE DE TRANSFERT DE CHALEUR A BASE DE POLYPHENYLMETHANES AYANT UNE STABILITE THERMIQUE AMELIOREE

(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) **COMMANDEUR, Raymond** [FR/FR]; Le Rocher, Avenue de Vénaria, F-38220 Vizille (FR).

(74) **POISSON, Pierre**; Atofina, Département Propriété Industrielle, Cours Michelet - La Défense 10, F-92091 Paris La Défense (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09K 11/00, 11/06, H05B 33/14

(11) WO 01/72925 (13) A1

(21) PCT/KR01/00534

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ko (26) en

(30) 2000/16466 30 Mar/mar 2000 KR (30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ELECTROLUMINESCENT DEVICES EMPLOYING ORGANIC LUMINESCENT MATERIAL/CLAY NANOCOMPOSITES

• DISPOSITIF ELECTROLUMINESCENT UTILISANT UN NANOCOMPOSITE EN MATERIAU-ARGILE ORGANIQUE LUMINESCENT

(71) **KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY** [KR/KR]; 373-1 Kusong-dong, Yusong-gu, Taejon 305-701 (KR).

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

(72, 75) **PARK, O-Ok** [KR/KR]; H-1 Taedong Village, 392 Kung-dong, Yusong-gu, Taejon 305-701 (KR). **LEE, Tae-Woo** [KR/KR]; 6323 Taejeo 2-dong, Kangseo-gu, Pusan 618-142 (KR).

(74) **LEE, Han-Young**; 8th Floor, Seowon Building, 1675-1 Seocho-dong, Seocho-gu, Seoul 137-070 (KR).

(81) DE JP KR US.

(51)⁷ C09K 11/06, C09B 5/62, 57/00

(11) WO 01/72926 (13) A1

(21) PCT/GB01/01380

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 0007530.9 28 Mar/mar 2000 GB (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TRITYL-TYPE COMPOUNDS AND THEIR USE

• COMPOSES DE TYPE TRITYLE ET LEUR UTILISATION

(71) **ISIS INNOVATION LIMITED** [GB/GB]; University Offices, Wellington Square, Oxford OX1 2JD (GB).

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

(72, 75) **SHCHEPINOV, Mikhail Sergeevich** [RU/US]; 3595 John Hopkins Court, San Diego, CA 92121 (US). **SOUTHERN, Edwin, Mellor** [GB/GB]; University of Oxford, Dept. of Biochemistry, South Parks Road, Oxford OX1 3QU (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C09K 11/06, H05B 33/14

(11) WO 01/72927 (13) A1

(21) PCT/JP01/02454

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(30) 2000-87622 27 Mar/mar 2000 JP (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ORGANIC ELECTROLUMINESCENCE DEVICE

• DISPOSITIF A ELECTROLUMINESCENCE ORGANIQUE

(71) **IDEMITSU KOSAN CO., LTD.** [JP/JP]; 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8321 (JP).

(72) **HOSOKAWA, Chishio**; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0293 (JP).

(74) **WATANABE, Kihei**; Daiichi NS Bldg., 5th Floor, 32, Kanda Suda-cho 1-chome, Chiyoda-ku, Tokyo 101-0041 (JP).

(81) CN IN JP KR.

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

(51)⁷ C10G 2/00

(11) WO 01/72928 (13) A1

(21) PCT/FR01/00595

(22) 28 Feb/fév 2001 (28.02.2001)

(25) fr (26) fr

(30) 00/03925 27 Mar/mar 2000 FR (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR PRODUCING HYDROCARBONS FROM SYNGAS IN A THREE-PHASE REACTOR

• PROCEDE DE PRODUCTION D'HYDROCARBURES A PARTIR DE GAZ DE SYNTHESE DANS UN REACTEUR TRIPHASIQUE

(71) **INSTITUT FRANÇAIS DU PETROLE** [FR/FR]; 1 et 4, avenue Bois Préau, F-92852 Rueil-Malmaison Cedex (FR). **ENI S.P.A.** [IT/IT]; Piazzale E. Mattei, 1, I-Rome (IT). **AGIP PETROLI S.P.A.** [IT/IT]; Via Laurentina, 449, I-Rome (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHWEITZER, Jean-Marc** [FR/FR]; 3, allée des Cytises, Le Méridien, F-38200 Serpaire (FR). **GALTIER, Pierre** [FR/FR]; 41, allée des Pins Monsalomon, F-38200 Vienne (FR). **HUGUES, François** [FR/FR]; 10, chemin du Clos-Challans, Charly, F-69390 Vernaison (FR). **MARETTO, Cristina** [IT/IT]; Via Favaretto, 47, I-35100 Padova (IT).

(74) **ANDREEFF, François**; Institut Français du Pétrole, 1 et 4, avenue Bois Préau, F-92852 Rueil-Malmaison Cedex (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C10G 45/04**
(11) **WO 01/72929** (13) A1
(21) PCT/US00/35703
(22) **5 Dec/déc 2000 (05.12.2000)**
(25) en (26) en
(30) 09/455,885 **6 Dec/déc 1999** US
(06.12.1999)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● HIGH TEMPERATURE NAPHTHA DESULFURIZATION USING A LOW METAL AND PARTIALLY DEACTIVATED CATALYST
● DESULFURATION DE NAPHTHE HAUTE TEMPERATURE EMPLOYANT UN CATALYSEUR PARTIELLEMENT DESACTIVE A FAIBLE TENEUR EN METAUX
- (71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 900, 1545 Route 22 East, Annandale, NJ 08801 (US).
- (72) **BRIGNAC, Garland, Barry**; 13598 Highway 10, Clinton, LA 70722 (US). **GREELY, John, Peter**; 15 Forsgate Terrace, Annandale, NJ 08801 (US). **HALBERT, Thomas, Risher**; 13903 Hootsell, Baton Rouge, LA 70816 (US). **MC KNIGHT, Craig, Allan**; 1083 Parker Drive, Sherwood Park, Alberta T8A 1C7 (CA). **DEMMIN, Richard, Alan**; 424 Dennison Street, Highland Park, NJ 08904 (US). **CLARK, Janet, Renee**; 10324 springdale, Baton Rouge, LA 70810 (US).
- (74) **HUGHES, Gerard, J.** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 900, Annandale, NJ 08801 (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 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 UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C10L 1/00**
(11) **WO 01/72930** (13) A2
(21) PCT/IB01/00647
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 09/540,349 **31 Mar/mar 2000** US
(31.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● FUEL ADDITIVE COMPOSITION FOR IMPROVING DELIVERY OF FRICTION MODIFIER
● COMPOSITION D'ADDITIF DE CARBURANT DESTINEE A AMELIORER LA DISTRIBUTION DE CHARGE MODIFIANT LE COEFFICIENT DE FROTTEMENT
- (71) **TEXACO DEVELOPMENT CORPORATION** [US/US]; 2000 Westchester Avenue, White Plains, NY 10650-0001 (US).
- (72) **DEROSA, Thomas, F.**; 139 Brentwood Drive, Wallingford, CT 06942 (US). **KAUFMAN, Benjamin, J.**; 35 Newhard Place, Hopewell Junction, NY 12533 (US). **DEBLASE, Frank, J.**; 33 Edwards Road, Hopewell Junction, NY 12533 (US). **HAYDEN, Thomas, E.**; 25 Bowdoin Lane, Wappingers Falls, NY 12590 (US). **RAWDON, Michael, G.**; 28 Scofield Heights, Poughkeepsie, NY 12603 (US). **KETCHAM, James, R.**; RD 1 Denise Court, Salt Point, NY 12578 (US). **THIEL, Yvonne**; 60 Seminary Hill Road, Carmel, NY 10512 (US). **CESAR, Max, R.**; 12 East Stone Street, Newburgh, NY 12550 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C10L 1/02**
(11) **WO 01/72931** (13) A1
(21) PCT/IB00/00380
(22) **30 Mar/mar 2000 (30.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● HYDROCARBON GRADE FUEL FROM BIOMASS MIXTURE
● FABRICATION DE CARBURANT D'UNE QUALITE D'HYDROCARBURES A PARTIR D'UN MELANGE DE BIOMASSE
- (71) **BIOOL** [CN/CN]; Flat A2, 10th floor, Tsim Sha Tsui Mansion, 83 Nathan Road, Tsim Sha Tsui, Kowloon, Hong Kong (CN).
- (72) **PEERAN, Syed, Mahabob, S., M.**; Flat A2, 10th Floor, Tsim Sha Tsui Mansion, 83, Nathan Road, Tsim Sha Tsui, Kowloon, Hongkong (CN). **REBALA, Prakash**; Flat A2, 10th Floor, Tsim Sha Tsui Mansion, 83 Nathan Road, Tsim Sha Tsui, Kowloon, Hongkong (CN).
- (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C10M 129/76, 139/00**
(11) **WO 01/72933** (13) A2
(21) PCT/US01/09566
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 09/537,855 **28 Mar/mar 2000** US
(28.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● OIL COMPOSITIONS HAVING IMPROVED FUEL ECONOMY EFFICIENCY
● COMPOSITIONS D'HUILE PERMETTANT D'AMELIORER LES ECONOMIES DE CARBURANT
- (71) **CHEVRON ORONITE COMPANY LLC** [US/US]; 2613 Camino Ramon, 3rd Floor, San Ramon, CA 94583 (US).
- (72) **BOFFA, Alexander, B.**; 6088 Arlington Boulevard, Richmond, CA 94805 (US).
- (74) **STUMPE, Walter, L.** et al. / etc.; Chevron Corporation, Law Dept., 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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
- (22) **29 Mar/mar 2001 (29.03.2001)**
(25) ja (26) ja
(30) 2000-90392 **29 Mar/mar 2000** JP
(29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● FUEL OIL FOR FUEL CELL AND METHOD FOR PRODUCING HYDROGEN FOR USE IN FUEL CELL
● MAZOUT POUR PILE A COMBUSTIBLE ET PROCEDE DE PRODUCTION D'HYDROGENE A UTILISER DANS UNE PILE A COMBUSTIBLE
- (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) **MATSUMOTO, Hiroto** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP). **KISEN, Tadashi** [JP/JP]; 1280, Kamiizumi, Sodegaura-shi, Chiba 299-0205 (JP).
- (74) **OHTANI, Tamotsu**; TOMOE-CHO AN-NEX-II 4F, 8-27, 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 CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C10L 1/04, C01B 3/32, B01J 23/89**
(11) **WO 01/72932** (13) A1
(21) PCT/JP01/02649

SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ C11B 13/02

(11) WO 01/72934 (13) A1

(21) PCT/US01/09141

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(30) 60/191,948 24 Mar/mar 2000 US
(24.03.2000)

(30) Not furnished / 21 Mar/mar 2001 US
non communiqué (21.03.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR SOAPSTOCK ACIDU-
LATION

• PROCEDE D'ACIDULATION DE PATE
DE NEUTRALISATION

(71) KRU FEED ENERGY COMPANY
[US/US]; 3121 Dean Avenue, Des Moines,
IA 50317 (US).

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

(72, 75) REANEY, Martin, J., T. [US/US];
3405 Woodland Avenue, Apt. 9A, West Des
Moines, IA 50266 (US).

(74) FIX, Richard, L.; Henderson & Sturm LLP,
1213 Midland Building, 206 Sixth Avenue,
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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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.

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ C11D 3/00

(11) WO 01/72935 (13) A2

(21) PCT/EP01/03470

(22) 27 Mar/mar 2001 (27.03.2001)

(25) de (26) de

(30) 100 15 086.1 28 Mar/mar 2000 DE
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UV-ABSORBING MIXTURE WITH
TEXTILE FIBRE AFFINITY

• MELANGE ABSORBANT LES UV, A
AFFINITE POUR LES FIBRES TEX-
TILES

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

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

(72, 75) HEIDENFELDER, Thomas [DE/DE];
Friedensstrasse 2a, 67354 Römerberg (DE).
WAGENBLAST, Gerhard [DE/DE];
Am Judenacker 8, 67157 Wachenheim
(DE). DETERING, Jürgen [DE/DE];

Robert-Koch-Weg 5, 67117 Limburger-
hof (DE). HABECK, Thorsten [DE/DE]; In
der Oelkelter 8, 67149 Meckenheim (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ C11D 3/22

(11) WO 01/72936 (13) A1

(21) PCT/EP01/02222

(22) 27 Feb/fév 2001 (27.02.2001)

(25) en (26) en

(30) 0007650.5 29 Mar/mar 2000 GB
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LAUNDRY TREATMENT FOR FAB-
RICS

• TRAITEMENT DE TISSUS

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

(only for / seulement pour AE AG AU BB BZ
CA CY GB GD GH GM IE IL KE LC LK LS
MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)

(71) UNILEVER NV [NL/NL]; Weena 455,
nl-3013 AL Rotterdam (NL).

(for all designated States except / pour tous
les États désignés sauf AE AG AU BB BZ CA
CY GB GD GH GM IE IL IN KE LC LK LS
MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)

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

(only for / seulement pour IN)

(72) BIJSTERBOSCH, Henri, Derk; Unilever
Research Port Sunlight, Quarry Road East,
Bebington, Wirral, Merseyside CH63 3JW
(GB). HOPKINSON, Andrew; Unilever
Research 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 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
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ C11D 3/22

(11) WO 01/72937 (13) A1

(21) PCT/EP01/02457

(22) 5 Mar/mar 2001 (05.03.2001)

(25) en (26) en

(30) 0007654.7 29 Mar/mar 2000 GB
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LAUNDRY TREATMENT FOR FAB-
RICS

• PROCEDE DE LAVAGE DE TISSUS

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

(only for / seulement pour AE AG AU BB BZ
CA CY GB GD GH GM IE IL KE LC LK LS
MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)

(71) UNILEVER NV [NL/NL]; Weena 455,
NL-3013 AL Rotterdam (NL).

(for all designated States except / pour tous
les États désignés sauf AE AG AU BB BZ CA
CY GB GD GH GM IE IL IN KE LC LK LS
MN MW NZ SD SG SL SZ TT TZ UG US ZA
ZW)

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

(only for / seulement pour IN)

(72, 75) HOPKINSON, Andrew [GB/GB];
Unilever Research Port Sunlight, Quarry
Road East, Bebington, Wirral, Merseyside
CH63 3JW (GB). JONES, Christopher,

Clarkson [GB/GB]; Unilever Research
Port Sunlight, Quarry Road East, Bebington,
Wirral, Merseyside CH63 3JW (GB). MEAL-

ING, David, Richard, Arthur [GB/GB];
Unilever Research Port Sunlight, Quarry
Road East, Bebington, Wirral, Merseyside
CH63 3JW (GB).

(74) ELLIOTT, Peter, William et al. / etc.;
Unilever PLC, Patent Department, Colworth
House, Sharnbrook, Bedford, Bedfordshire
MK44 1LQ (GB).

(81) AE AG AL AM AT 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
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 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 GW ML MR
NE SN TD TG).

(51)⁷ C11D 3/22, 3/37, 3/04

(11) WO 01/72938 (13) A1

(21) PCT/EP01/02898

(22) 14 Mar/mar 2001 (14.03.2001)

(25) en (26) en

(30) 0007661.2 29 Mar/mar 2000 GB
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • LAUNDRY TREATMENT GRANULE AND DETERGENT COMPOSITION CONTAINING SAME
• GRANULE DE TRAITEMENT DU LINGE ET COMPOSITION DETERGENTE CONTENANT CETTE GRANULE
- (71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA 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 CR CU CZ DE DK DM DZ EE ES FI FR GA GE GN 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 NL NO PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Mumbai 400 020, Maharashtra (IN).
(only for / seulement pour IN)
- (72) EMERY, William, Derek; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). JONES, Christopher, Clarkson; Unilever Research 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 AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ C11D 3/22, 3/39
(11) WO 01/72939 (13) A1
(21) PCT/EP01/00638
(22) 22 Jan/jan 2001 (22.01.2001)
(25) en (26) en
(30) 0007656.2 29 Mar/mar 2000 GB (29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • LAUNDRY TREATMENT FOR FABRICS
• TRAITEMENT LAVANT POUR TISSUS
- (71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)
- (71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AE AG AU BB BZ CA CY DM GB GE GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).
(only for / seulement pour IN)
- (72) HOPKINSON, Andrew; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). JONES, Christopher, Clarkson; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). MEALING, David, Richard, Arthur; Unilever Research 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 AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ C11D 3/22
(11) WO 01/72940 (13) A1
(21) PCT/GB01/01134
(22) 15 Mar/mar 2001 (15.03.2001)
(25) en (26) en
(30) 0007660.4 29 Mar/mar 2000 GB (29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • LAUNDRY TREATMENT FOR FABRICS
• TRAITEMENT DE BLANCHISSERIE POUR TISSUS
- (71) UNILEVER PLC [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AE AG AU BB BZ CA CY DM GB GE GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)
- (71) UNILEVER NV [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AE AG AU BB BZ CA CY DM GB GE GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)
- (71) HINDUSTAN LEVER LIMITED [IN/IN]; Hindustan Lever House, 165/166 Backbay Reclamation, Maharashtra, Mumbai 400 020 (IN).
(only for / seulement pour IN)
- (72) HOPKINSON, Andrew; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB).
- (74) BAKER, Colin, J.; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ C11D 3/37
(11) WO 01/72941 (13) A1
(21) PCT/US01/09863
(22) 27 Mar/mar 2001 (27.03.2001)
(25) en (26) en
(30) 60/193,014 29 Mar/mar 2000 US (29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • POLYMERS THAT INHIBIT CALCIUM PHOSPHATE AND CALCIUM CARBONATE SCALE IN AUTODISH APPLICATIONS
• POLYMERES INHIBANT LA FORMATION DE DEPOTS DE CARBONATE ET DE PHOSPHATE DE CALCIUM DANS DES LAVE-VAISSELLE
- (71) NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION [US/US]; Concord Plaza - Talley 2, 3411 Silverside Road, Wilmington, DE 19803-7663 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) RODRIGUES, Klein [IN/US]; 109 Grayson Road, Signal Mountain, TN 37377 (US).
- (74) ROLAND, Thomas, F.; National Starch and Chemical, P.O. Box 6500, Bridgewater, NJ 08807 (US).
- (81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KR LC LK LR LT LV MA MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA US VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)
-
- (51)⁷ C11D 3/386, 3/39, 3/26
(11) WO 01/72942 (13) A1
(21) PCT/EP01/03097
(22) 19 Mar/mar 2001 (19.03.2001)
(25) en (26) en
(30) 09/535,643 24 Mar/mar 2000 US (24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • USE OF CATIONIC NITRILES IN COMBINATION WITH ENZYMES

• UTILISATION DE NITRILES CATIONIQUES COMBINES AVEC DES ENZYMES

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

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA 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 EE ES FI FR GA GE GN 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 NL NO PL PT RO RU SE SI SK SN TD TG TJ TM TR UA UZ VN YU)

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

(only for / seulement pour IN)

(72) **CHIOU, Catherine**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). **GHATLIA, Naresh, Dhirajlal**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US).

(74) **ROTS, Maria, Johanna, Francisca** et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

Published / Publiée : (c)

(51)⁷ **C11D 3/39, 3/26**

(11) **WO 01/72943** (13) A1

(21) PCT/EP01/03095

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/534,895 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • USE OF CATIONIC NITRILES AS SILVER ANTI-TARNISHING AGENTS

• UTILISATION DE NITRILES CATIONIQUES COMME AGENTS ANTI-TERRASSURE DE L'ARGENT

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

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA 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 EE ES FI FR GA GE GN 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 NL NO PL PT RO RU SE SI SK SN TD TG TJ TM 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) **CHIOU, Catherine**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US). **GHATLIA, Naresh, Dhirajlal**; Unilever Research U.S. Inc., 45 River Road, Edgewater, NJ 07020 (US).

(74) **ROTS, Maria, Johanna, Francisca** et al. / etc.; Unilever PLC, Patent Department, Colworth House, Sharnbrook, Bedford, Bedfordshire MK44 1LQ (GB).

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

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

Published / Publiée : (c)

(51)⁷ **C11D 3/50, 3/22**

(11) **WO 01/72944** (13) A1

(21) PCT/EP01/02221

(22) **27 Feb/fév 2001 (27.02.2001)**

(25) en (26) en

(30) 0007664.6 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LAUNDRY TREATMENT FOR FABRICS
• TRAITEMENT LAVANT POUR DES TISSUS

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

(only for / seulement pour AE AG AU BB BZ CA CY GB GD GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)

(71) **UNILEVER NV** [NL/NL]; Weena 455, NL-3013 AL Rotterdam (NL).

(for all designated States except / pour tous les États désignés sauf AE AG AU BB BZ CA CY GB GD GH GM IE IL IN KE LC LK LS MN MW NZ SD SG SL SZ TT TZ UG ZA ZW)

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

(only for / seulement pour IN)

(72) **FINCH, Timothy, David**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside CH63 3JW (GB). **HOPKINSON, Andrew**; Unilever Research 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 AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **C11D 7/50, 3/43**

(11) **WO 01/72945** (13) A1

(21) PCT/EP01/01700

(22) **15 Feb/fév 2001 (15.02.2001)**

(25) de (26) de

(30) 100 14 776.3 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR REMOVING INCLUSIONS ON SURFACES OF TILES AND A MEANS THEREFOR

• PROCEDE PERMETTANT D'ELIMINER DES INCLUSIONS SUR DES SURFACES DE CARREAUX, ET AGENTS UTILISES A CET EFFET

(71, 72) **SCHLOOTZ, Andreas** [DE/DE]; Katzenbachstr. 48 A, 70563 Stuttgart (DE).

(74) **HELD, Thomas**; Hosentien-Held und Held, Klopstockstr. 63, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C11D 10/04, 17/00**

(11) **WO 01/72946** (13) A1

(21) PCT/EP01/03022

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 999.5 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HARD SOAPS
• PAINS DE SAVON

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).

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

(72, 75) **SEIPEL, Werner** [DE/DE]; Hofstr. 29, 40723 Hilden (DE). **EGGERS, Anke** [DE/DE]; Fürstenwall 137, 40215 Düsseldorf (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).

Published / Publiée : (c)

(51)⁷ **C11D 17/00, 1/825, 1/835 // 3/22, 1/66, 1/52, 1/78**

(11) **WO 01/72947** (13) A1

(21) PCT/EP01/03020

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 15 000.4 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **SYNDET SOAPS**

• **SAVONS AU DETERGENT SYNTHETIQUE**

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).

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

(72, 75) **SEIPEL, Werner** [DE/DE]; Hofstr. 29, 40723 Hilden (DE). **EGGERS, Anke** [DE/DE]; Fürstenwall 137, 40215 Düsseldorf (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).

Published / Publiée : (c)

(51)⁷ **C11D 17/00, 3/20, 3/18, 3/50, 3/30, 1/22, 1/14**

(11) **WO 01/72948** (13) A1

(21) PCT/US01/09639

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/537,624 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **MICROEMULSION CLEANING COMPOSITIONS**

• **COMPOSITIONS DE NETTOYAGE SOUS FORME DE MICROEMULSIONS**

(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **KINSCHERF, Kevin**; 719-2 Zlotkin Circle, Freehold, NJ 07728 (US). **THOMAS, Barbara**; 16 Evergreen Circle, Princeton, NJ 08540 (US). **SLEZAK, Brian**; 86 Sapphire Lane, Franklin Park, NJ 08823 (US). **PSIHOULES, Anthony**; 167 Bywater Way, Somerville, NJ 08876 (US).

(74) **NANFELDT, Richard, E.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C11D 17/06, 1/825**

(11) **WO 01/72949** (13) A1

(21) PCT/EP01/03084

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 100 15 289.9 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **PARTICLE-SHAPED DISHWASHING MACHINE DETERGENTS HAVING A CLEAR RINSING EFFECT**

• **AGENTS PARTICULAIRES POUR LAVAGE DE VAISSELLE EN MACHINE, A EFFET RINÇANT**

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40589 Düsseldorf (DE).

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

(72, 75) **NITSCH, Christian** [DE/DE]; Otto-Hahn-Strasse 185, 40591 Düsseldorf (DE). **HOLDERBAUM, Thomas** [DE/DE]; Holbeinstrasse 11, 40789 Monheim (DE). **SCHNEPP-HENTRICH, Katrin** [DE/DE]; Carlo-Schmid-Strasse 74, 40595 Düsseldorf (DE). **BAYERSDÖRFER, Rolf** [DE/DE]; Am Nettesfeld 17, 40589 Düsseldorf (DE).

(81) AU BR CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

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

Published / Publiée : (c)

(51)⁷ **C11D 17/08, 1/66, 1/52, 1/74, 1/04**

(11) **WO 01/72950** (13) A1

(21) PCT/EP01/03029

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 998.7 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **LIQUID SOAPS**

• **SAVON LIQUIDE**

(71) **COGNIS DEUTSCHLAND GMBH** [DE/DE]; Henkelstr. 67, 40589 Düsseldorf (DE).

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

(72, 75) **SEIPEL, Werner** [DE/DE]; Hofstr. 29, 40723 Hilden (DE). **GOEBELS, Dagmar** [DE/DE]; Friedhofstr. 40, 46562 Voerde (DE). **KOESTER, Josef** [DE/DE]; Fährstr. 226, 40221 Düsseldorf (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).

Published / Publiée : (c)

(51)⁷ **C12M 1/00**

(11) **WO 01/72951** (13) A1

(21) PCT/JP01/02572

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-88420 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **APPARATUS FOR CONTROLLING MOVEMENT OF SPECIMEN, METHOD FOR CONTROLLING MOVEMENT OF SPECIMEN, AND METHOD FOR PROCESSING SPECIMEN**

• **DISPOSITIF ET PROCEDE SERVANT A COMMANDER LE DEPLACEMENT D'UN SPECIMEN ET PROCEDE SERVANT A TRAITER UN SPECIMEN**

(71) **SCHOOL JURIDICAL PERSON NIHON UNIVERSITY** [JP/JP]; 8-24, Kudanminami 4-chome, Chiyoda-ku, Tokyo 102-8275 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OMATA, Sadao** [JP/JP]; 18-19, aza hari-oikita, Otsuki-cho, Koriyama-shi, Fukushima 963-0201 (JP).

(74) **YOSHIDA, Kenji** et al. / etc.; 34-12, Kichijoji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **C12M 1/34, C12Q 1/02, 1/24, 1/70**

(11) **WO 01/72952** (13) A1

(21) PCT/US01/40307

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 60/191,771 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **MICRODROPLET CELL CULTURE TECHNIQUE**

• **TECHNIQUE DE CULTURE DE CELLULE DANS DES MICROGOUTTETTES**

(71) **SHEPHERD, Herman, R.** [US/US]; c/o Albert B. Sabin Vaccine Foundation, Inc., 58 Pine Street, New Canaan, CT 06840-5408 (US). **RUSSELL, Philip** [US/US]; Potomac, MD 20854 (US).

(71, 72) **BAILEY, Charles, L.** [US/US]; 417 Corders Crossroads Road, Fayetteville, TN

37334 (US). **ALIBEK, Ken** [US/US]; Suite 300, 3904 Richmond Highway, Alexandria, VA 22303 (US).

(74) **WHITHAM, Michael, E.**; McGuire Woods, LLP, Suite 1800, 1750 Tysons Blv., McLean, VA 22102-4215 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12M 3/00, C12N 5/06, 11/16

(11) **WO 01/72953** (13) A1

(21) PCT/JP01/02859

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) ja (26) ja

(30) 2000-098401 **31 Mar/mar 2000 JP (31.03.2000)**

(30) 2001-101961 **30 Mar/mar 2001 JP (30.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CARRIER FOR ANIMAL CELL CULTURE COMPRISING ORGAN TISSUE SLICE AND ANIMAL CELL CULTURE METHOD AND TRANSPLANTATION METHOD WITH THE USE OF THE CARRIER

• PORTEUR POUR CULTURE CELLULAIRE ANIMALE COMPRENANT UNE COUPE BIOLOGIQUE D'UN ORGANE, PROCEDE DE CULTURE CELLULAIRE ANIMALE ET PROCEDE DE TRANSPLANTATION REPOSANT SUR L'UTILISATION DE CE PORTEUR

(71) **NATIONAL AGRICULTURAL RESEARCH ORGANIZATION** [JP/JP]; 1-1, Kannon-dai 3-chome, Tsukuba-shi, Ibaraki 305-0856 (JP).

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

(71, 72) **TAKEZAWA, Toshiaki** [JP/JP]; 1806-58, Aihara-machi, Machida-shi, Tokyo 194-0211 (JP).

(72, 75) **HASHIZUME, Kazuyoshi** [JP/JP]; 403, 41-9, Horikiri 1-chome, Katsushika-ku, Tokyo 124-0006 (JP). **IMAI, Kei** [JP/JP]; 205-104, 10-1, Namiki 2-chome, Tsukuba-shi, Ibaraki 305-0044 (JP). **TAKAHASHI, Toru** [JP/JP]; 402, 15-503, Matsushiro 5-chome, Tsukuba-shi, Ibaraki 305-0035 (JP).

(74) **NISHIZAWA, Toshio**; 6F, Mani-Building, 37-10, Udagawa-cho, Shibuya-ku, Tokyo 150-0042 (JP).

(81) AU CA CN US.

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

(51)⁷ C12M 3/02

(11) **WO 01/72954** (13) A2

(21) PCT/US01/09972

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) PQ 6530 **28 Mar/mar 2000 AU (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PERFUSION INCUBATOR
• INCUBATEUR À PERFUSION

(71) **COOK INCORPORATED** [US/US]; 925 S. Curry Pike, P.O. Box 489, Bloomington, IN 47402-0489 (US). **WILLIAM A. COOK AUSTRALIA PTY. LTD.** [AU/AU]; 12 Electronics Street, Brisbane Technology Park, Eight Mile Plains, Brisbane, QLD 4113 (AU).

(72) **CHAN, Paul**; 8 Oyster Point Esplanade, Scarborough, QLD 4020 (AU). **SMITH, Allan, Joseph, Hilling**; 59 Delavan Street, Wishart, QLD 4122 (AU). **MICHEL, David**; 1 Gordon Road, Redland Bay, QLD 4165 (AU).

(74) **NESS, Anton, P.**; P.O. Box 2269, Bloomington, IN 47402-2269 (US).

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

(84) 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 GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 01/72955** (13) A2

(21) PCT/EP01/03434

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,319 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REGULATION OF HUMAN NEDD1-RELATED PROTEIN

• REGULATION DE LA PROTEINE HUMAINE APPARENTEE A NEDD1

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIU, Jiing-Ren** [CN/US]; 10 Winslow Road, Belmont, MA 02478 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 01/72956** (13) A2

(21) PCT/IB01/01400

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/535,852 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOUNDS AND METHODS FOR MODULATING DESMOSOMAL CADHERIN-MEDIATED FUNCTIONS
• COMPOSES ET PROCEDES PERMETTANT DE MODULER DES FONCTIONS INDUITES PAR LA CADHERINE DESMOSOMALE

(71) **ADHEREX TECHNOLOGIES INC.** [CA/CA]; Suite 340, 600 Peter Morand Crescent, Ottawa, Ontario K1G 5Z3 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLASCHUK, Orest, W.** [CA/CA]; Suite 1520, 4998 De Maisonneuve West, Westmount, Quebec H3Z 1N2 (CA). **SYMONDS, James, Matthew** [CA/CA]; Apartment 1, 560 McLeod Street, Ottawa, Ontario K1R 5R3 (CA). **GOUR, Barbara, J.** [CA/CA]; RR#4, 2890 Donnelly Drive, Kemptville, Ontario K0G 1J0 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ C12N

(11) **WO 01/72957** (13) A2

(21) PCT/IB01/00664

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) en (26) en

(30) 09/540,118 **31 Mar/mar 2000 US (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FIBROBLAST GROWTH FACTOR-LIKE MOLECULES AND USES THEREOF

• MOLECULES DE TYPE FACTEUR DE CROISSANCE DES FIBROBLASTES ET LEURS UTILISATIONS

(71, 72) **ITOH, Nobuyuki** [JP/JP]; Yanagawa, 1-24-7, Otsu, Shiga 520-0014 (JP).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) **WO 01/72958** (13) A2
(21) PCT/US01/10116
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,505 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • **BLADDER CANCER-SPECIFIC PEPTIDES FOR DIAGNOSIS AND THERAPY**
• **PEPTIDES SPECIFIQUES AU CANCER DE LA VESSIE UTILISES A DES FINS DIAGNOSTIQUES ET THERAPEUTIQUES**
- (71) **BETH ISRAEL DEACONESS MEDICAL CENTER** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRANGIONI, John, V.** [US/US]; 34 Wayland Hills Road, Wayland, MA 01778 (US). **CANTLEY, Lewis, C.** [US/US]; 42 Benton Road, Belmont, MA 02178 (US). **O'DONNELL, Michael, A.** [US/US]; 72 Colonial Road, Sudbury, MA 01776 (US).
- (74) **VINCENT, Matthew, P.** et al. / etc.; Ropes & Gray, One International Place, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) **WO 01/72959** (13) A2
(21) PCT/US01/06288
(22) **28 Feb/fév 2001 (28.02.2001)**
(25) en (26) en
(30) 60/185,987 **1 Mar/mar 2000 US (01.03.2000)**
(30) 60/263,424 **23 Jan/jan 2001 US (23.01.2001)**
- (30) 60/263,473 **23 Jan/jan 2001 US (23.01.2001)**
(30) 60/263,668 **23 Jan/jan 2001 US (23.01.2001)**
(30) Not furnished / **23 Feb/fév 2001 US non communiqué (23.02.2001)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • **PHARMACEUTICAL PROTEINS, HUMAN THERAPEUTICS, HUMAN SERUM ALBUMIN, INSULIN, NATIVE CHOLERA TOXIC B SUBMITTED ON TRANSGENICS PLASTIDS**
• **PROTEINES PHARMACEUTIQUES, AGENTS THERAPEUTIQUES HUMAINS, ALBUMINE SERIQUE HUMAINE, INSULINE, ET TOXIQUE B DE CHOLERA NATIF SOUMIS A DES PLASTES TRANSGENIQUES**
- (71) **AUBURN UNIVERSITY** [US/US]; 309 Samford Hall, Auburn University, AL 36849 (US). **UNIVERSITY OF CENTRAL FLORIDA** [US/US]; 4000 Central Florida Blvd., Orlando, FL 32816 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DANIELL, Henry** [US/US]; 1255 Marina Point #315, Casselberry, FL 32707 (US).
- (74) **WEISER, Gerard, J.** et al. / etc.; 1600 Market Street, Suite 3600, Philadelphia, PA 19103-7286 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) **WO 01/72960** (13) A2
(21) PCT/US01/09216
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,132 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • **IL-8 RECEPTOR ANTAGONISTS**
• **RECEPTEUR D'ANTAGONISTES D'IL-8**
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PALOVICH, Michael, Robert** [US/US]; 805 Mill Grove Drive, Norristown, PA 19403 (US). **WIDDOWSON, Katherine, L.** [CA/US]; 1047 Old Valley Forge Road, King of Prussia, PA 19406 (US). **NIE, Hong** [CN/US]; 1300 Fayette Street, Apartment 149, Conshohocken, PA 19428 (US).
- (74) **SIMON, Soma, G.** 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 AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ C12N
(11) **WO 01/72961** (13) A2
(21) PCT/US01/09226
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 60/192,158 **24 Mar/mar 2000 US (24.03.2000)**
(30) 60/192,668 **28 Mar/mar 2000 US (28.03.2000)**
(30) 60/200,166 **27 Apr/avr 2000 US (27.04.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • **NOVEL COMPOUNDS**
• **NOUVEAUX COMPOSES**
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM P.L.C.** [GB/GB]; New Horizons Court, Great West Road, Brentford, Middlesex TW8 9EP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AGARWAL, Pankaj** [IN/US]; 251 West DeKalb Pike, King of Prussia, PA 19406 (US). **MURDOCH, Paul, R.** [GB/GB]; New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **RIZVI, Safia, K.** [PK/US]; 4617 Pine Street, Philadelphia, PA 19143 (US). **SMITH, Randall, F.** [US/US]; 4138 Presidential Drive, Lafayette Hill, PA 19444 (US). **XIANG, Zhaoying** [CN/US]; 2413 Ridgeway, Fort Lee, NJ 07024 (US). **KABNICK, Karen, S.** [US/US]; 4138 Presidential Drive, Lafayette Hill, PA 19444 (US). **LAI, Ying-Ta** [—/US]; 516 Spruce Avenue, Upper Darby, PA 19082 (US).
- (74) **GIMMI, Edward, R.** 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 AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 01/72962** (13) A2
(21) PCT/US01/09410
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/191,929 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL PROSTATE-SPECIFIC OR TESTIS-SPECIFIC NUCLEIC ACID MOLECULES, POLYPEPTIDES, AND DIAGNOSTIC AND THERAPEUTIC METHODS
• MOLECULES D'ACIDE NUCLEIQUE SPECIFIQUES DE LA PROSTATE OU DES TESTICULES, POLYPEPTIDES, TECHNIQUES DE DIAGNOSTIC, ET TRAITEMENT THERAPEUTIQUE

(63) US 60/191,929 (CIP)
24 Mar/mar 2000 (24.03.2000)

(71, 72) **SAATCIOGLU, Fahri** [TR/US]; 26 Halsey Avenue, Wellesley, MA 02482 (US).

(74) **BIEKER-BRADY, Kristina**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 01/72963** (13) A2
(21) PCT/US01/09663
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 09/536,647 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL HUMAN URIDINE KINASE
• NOUVELLE URIDINE KINASE HUMAINE

(71) **SMITHKLINE BEECHAM CORPORATION** [GB/GB]; One Franklin Plaza, Philadelphia, PA 19103 (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HO, Yen, Sen** [US/US]; 362 Old State Road, Berwyn, PA 19312 (US). **JOHNSON, Randall, K.** [US/US]; 71 Llanfair Circle, Ardmore, PA 19003 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 01/72964** (13) A2
(21) PCT/US01/09666
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,226 **27 Mar/mar 2000 US (27.03.2000)**

(30) 60/270,316 **21 Feb/fév 2001 US (21.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DETECTION OF VIABLE AGENTS
• DETECTION D'AGENTS VIABLES

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIU, Haiyan** [CN/US]; 1901 West Chester Pike, Havertown, PA 19083 (US). **LUBINIECKI, Anthony, S.** [—/US]; 551 A Street, King of Prussia, PA 19406 (US). **MAI, Shing, H.** [US/US]; 1170 Treeline Drive, Allentown, PA 18103 (US). **MURNANE, Amy, A.** [US/US]; 4002 Redwing Lane, Audubon, PA 19403 (US). **OLSZEWSKI, Leonard, T.** [US/US]; 2 Mountain View Lane, Phoenixville, PA 19460 (US). **ZAPATA, Gerardo, A.** [US/US]; 1155 Pebble-Spring Road, Berwyn, PA 18312 (US).

(74) **MAJARIAN, William, R.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, P.O. Box 1539, 709 Swedeland Road, King of Prussia, PA 19406-0939 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C12N

(11) **WO 01/72965** (13) A2
(21) PCT/US01/09718
(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en
(30) 60/192,125 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HAPLOTYPES OF THE FKBP8 GENE
• HAPLOTYPES DU GENE FKBP8

(71) **GENAISSANCE PHARMACEUTICALS, INC.** [US/US]; Five Science Park, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANASTASIO, Alison, E.** [US/US]; 367 Alden Avenue #8B, New Haven, CT 06515 (US). **BENTIVEGNA, Steven, C.** [US/US]; 49 Greenview Terrace, Middletown, CT 06457 (US). **CHOI, Julie, Y.** [US/US]; 38 Elizabeth Street, West Haven, CT 06516 (US). **KLIEM, Stefanie, E.** [DE/US]; 1298 Hartford Turnpike, Apt. 4E, North Haven, CT 06473 (US). **KOSHY, Beena** [IN/US]; 1298 Hartford Turnpike, Apt. 11B, North Haven, CT 06473 (US). **STEPHENS, J., Claiborne** [US/US]; 46 Crabapple Lane, Guilford, CT 06437 (US).

(74) **HENDERSON, Melodie, W.** et al. / etc.; Genaissance Pharmaceuticals, Inc., Five Science Park, New Haven, CT 06511 (US).

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

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

(51)⁷ C12N

(11) **WO 01/72966** (13) A2
(21) PCT/US01/09776
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/192,127 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HAPLOTYPES OF THE PLTP GENE
• HAPLOTYPES DU GENE PLTP

(71) **GENAISSANCE PHARMACEUTICALS, INC.** [US/US]; A Corporation of the State of Delaware, Five Science Park, New Haven, CT 06511 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEW, Anne** [US/US]; 1477 Beacon Street, #64, Brookline, MA 02446 (US). **CHOI, Julie, Y.** [US/US]; 38 Elizabeth Street, West Haven, CT 06516 (US). **KOSHY, Beena** [IN/US]; 1298 Hartford Turnpike, Apt. 11B, North Haven, CT 06473 (US).

(74) **HENDERSON, Melodie, W.** et al. / etc.; Genaissance Pharmaceuticals, Inc., Five Science Park, New Haven, CT 06511 (US).

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

- DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ C12N
(11) WO 01/72967 (13) A2
(21) PCT/US01/09916
(22) 27 Mar/mar 2001 (27.03.2001)
(25) en (26) en
(30) 09/535,851 27 Mar/mar 2000 US (27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A PROMOTER SEQUENCE OF 3-PHOSPHOGLYCERATE KINASE GENE 2 OF LACTIC ACID-PRODUCING FUNGUS *RHIZOPUS ORYZAE* AND A METHOD OF EXPRESSING A GENE OF INTEREST IN FUNGAL SPECIES
- SEQUENCE PROMOTRICE DU GENE 2 DE 3-PHOSPHOGLYCERATE KINASE DU CHAMPIGNON *RHIZOPUS ORYZAE* PRODUISANT DE L'ACIDE LACTIQUE ET PROCEDE D'EXPRESSION D'UN GENE D'INTERET DANS DES ESPECES FONGIQUES
- (71) BATTELLE MEMORIAL INSTITUTE [US/US]; Pacific Northwest Division, Intellectual Property Services, P.O. Box 999, Richland, WA 99352 (US).
- (72) GAO, Johnway; 506 Snyder Road, Richland, WA 99352 (US). SKEEN, Rodney, S.; 44491 Rodeo Lane, Pendleton, OR 97801 (US).
- (74) MAY, Stephen, R.; Battelle Memorial Institute, Pacific Northwest Division, Intellectual Property Services, P.O. Box 999, MSIN: K1-53, Richland, WA 99352 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 1/14, 3/00 // (C12N 1/14, C12R 1:885) (C12N 3/00, C12R 1:885)
(11) WO 01/72968 (13) A1
(21) PCT/JP01/02772
(22) 30 Mar/mar 2001 (30.03.2001)
(25) ja (26) ja
(30) 2000-98293 31 Mar/mar 2000 JP (31.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● CHLAMYDOSPORES AND PROCESS FOR PRODUCING THE SAME
- CHLAMYDOSPORES ET PROCEDE DE PRODUCTION ASSOCIE
- (71) HOKKAIDO GREEN KOSAN, INCORPORATED [JP/JP]; 1, Kita 1 jonishi 18-chome, Chuo-ku, Sapporo-shi, Hokkaido 060-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) SASAKI, Yasuharu [JP/JP]; Room 702, Olympiadodori 18-chome, Chuo-ku, Sapporo-shi, Hokkaido 060-0042 (JP).
- (72, 75) SASAKI, Susumu [JP/JP]; Room 802, Familledai 2odori, 2, Kita 1 jonishi 19-chome, Chuo-ku, Sapporo-shi, Hokkaido 060-0001 (JP).
- (74) SUZUKI, Shoji et al. / etc.; Nihonseimeiyotsuya Building, 6th floor, 16-2, Samoncho, Shinjuku-ku, Tokyo 160-0017 (JP).
- (81) AU CA CN ID IL IN JP KR LK MX NO NZ PL RO RU SG US VN ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ C12N 5/00, 15/63, G01N 33/567, 33/569
(11) WO 01/72969 (13) A1
(21) PCT/US01/40351
(22) 22 Mar/mar 2001 (22.03.2001)
(25) en (26) en
(30) 60/191,946 24 Mar/mar 2000 US (24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● EFFECTOR-SPECIFIC PROTEIN ASSEMBLY AND USES THEREOF
- ENSEMBLE PROTEIQUE PROPRE A UN EFFECTEUR ET UTILISATIONS ASSOCIEES
- (71) BAYLOR COLLEGE OF MEDICINE [US/US]; One Baylor Plaza, BCMD 600D, Houston, TX 77030 (US).
- (72) MOORE, David, Dudley; 4523 Birch Street, Bellaire, TX 77401 (US). PISSIOS, Pavlos; 28 Queensberry Street, Apartment #9, Boston, MA 02215 (US).
- (74) ELBING, Karen, L.; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214 (US).
- (81) AU CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ C12N 5/06, 5/08, 5/10, A01K 67/027, A61K 35/36, 48/00, A61P 17/00
(11) WO 01/72970 (13) A2
(21) PCT/US01/10121
(22) 28 Mar/mar 2001 (28.03.2001)
(25) en (26) en
(30) 60/192,754 28 Mar/mar 2000 US (28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHODS TO PREPARE AND USE EPIDERMAL STEM CELLS
- METHODES DE PREPARATION ET D'UTILISATION DE CELLULES SOUCHES EPIDERMQUES
- (71) UNIVERSITY OF IOWA RESEARCH FOUNDATION [US/US]; 100 Oakdale Campus, #214 TIC, Iowa City, IA 52242-5000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BICKENBACH, Jackie, R. [US/US]; 3082 Running Deer Road, Iowa City, IA 52240 (US). DUNN WALD, Martine [US/US]; 1162 Hotz Ave., Iowa City, IA 52240 (US).
- (74) VIKSNINS, Ann, S.; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 9/00, 15/12, 15/52, 15/63, 15/85, C07K 14/47, 14/435, A61K 38/17, A61P 35/00, 37/00
(11) WO 01/72971 (13) A1
(21) PCT/CN01/00435
(22) 26 Mar/mar 2001 (26.03.2001)
(25) zh (26) zh
(30) 00 1 15186.X 27 Mar/mar 2000 CN (27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A NEW POLYPEPTIDE- HUMAN RNA HELICASE 10 AND THE POLYNUCLEOTIDE ENCODING IT
- NOUVEAU POLYPEPTIDE, ARN HELICASE HUMAINE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les
designations sauf US

(t) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU
AZ BA BB BG BR BY BZ CA CH CO CR CU CZ
DE DK DM DZ EE ES FI GB GD GE GH GM
HR HU ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW MX
MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ
TM TR TT TZ UA UG UZ VN YU ZA ZW; (t) for
the following designation / pour la désignation
suivante : US

(u) for / pour US only / seulement

(51)⁷ C12N 9/00, 15/12, 15/52, 15/63, 15/85,
C07K 14/47, 14/435, A61K 38/17, 38/43,
A61P 35/00, 37/00

(11) WO 01/72972 (13) A1

(21) PCT/CN01/00519

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15267.X 29 Mar/mar 2000 CN
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NEW POLYPEPTIDE - HUMAN
RIBULOSE-1,5-BISPHOSPHATE CAR-
BOXYLASE 8 AND THE POLYNU-
CLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, RIBU-
LOSE-BIPHOSPHATE CARBOXY-
LASE HUMAINE 8, ET POLYNUCLEO-
TIDE CODANT POUR CE POLYPEP-
TIDE

(71) BLOWINDOW GENE DEVELOPMENT
INC. [CN/CN]; 12F, 3rd Building, 1111
Zhongshan Bei Er Rd, Shanghai 200092
(CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Build-
ing, 1111 Zhongshan Bei Er Rd, Shanghai
200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd
Building, 1111 Zhongshan Bei Er Rd, Shang-
hai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 61
Nanjing Rd (E), 11th Floor, Shanghai 200002
(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 EE ES FI GB GD GE GH GM HR HU
ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les
designations sauf US

(u) for / pour US only / seulement

(51)⁷ C12N 9/00

(11) WO 01/72973 (13) A2

(21) PCT/EP01/01997

(22) 22 Feb/fév 2001 (22.02.2001)

(25) en

(26) en

(30) 60/184,660 24 Feb/fév 2000 US
(24.02.2000)

(30) 60/252,913 27 Nov/nov 2000 US
(27.11.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REGULATION OF HUMAN HEP-
ARANASE-LIKE ENZYME

• REGULATION D'UNE ENZYME HU-
MAINE DE TYPE HEPARANASE

(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) RAMAKRISHNAN, Shyam [IN/US];
76 Euston Road, Apt. #10, Brighton, MA
02135 (US).

(74) BAYER AKTIENGESELLSCHAFT;
51368 Leverkusen (DE).

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

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

(51)⁷ C12N 9/00

(11) WO 01/72974 (13) A2

(21) PCT/GB01/01412

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 0007651.3 29 Mar/mar 2000 GB
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GENE SEQUENCE

• SEQUENCE GENIQUE

(71) ASCORBEX LIMITED [GB/GB]; The In-
novation Centre, University of Exeter, Exeter,
Devon EX4 4RN (GB).

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

(72, 75) SMIRNOFF, Nicholas [GB/GB];
School of Biological Studies, University
of Exeter, Hatherly Laboratories, Prince
of Wales Road, Exeter EX4 4PS (GB).
WHEELER, Glen [GB/GB]; Ascorbex Limited,
The Innovation Centre, University of
Exeter, Exeter, Devon EX4 4RN (GB).

(74) DEAN, John, Paul et al. / etc.; Withers &
Rogers, Goldings House, 2 Hays Lane, Lon-
don 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ C12N 9/00

(11) WO 01/72975 (13) A2

(21) PCT/US01/09468

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,865 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • 25552, A NOVEL HUMAN METHYL-
TRANSFERASE FAMILY MEMBER
AND USES THEREOF

• 25552, NOUVEAU MEMBRE DE LA
FAMILLE DES METHYLTRANSFE-
RASES HUMAINES ET SON UTILISA-
TION

(63) US 60/191,865 (CIP)
24 Mar/mar 2000 (24.03.2000)

(71) MILLENNIUM PHARMACEUTICALS,
INC. [US/US]; 75 Sidney Street, Cambridge,
MA 02139 (US).

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(72, 75) MEYERS, Rachel, A. [US/US]; 115
Devonshire Road, Newton, MA 02468
(US). WILLIAMSON, Mark [US/US]; 15
Stonecrest Drive, Saugus, MA 01906 (US).

(74) MYERS, Louis et al. / etc.; Fish & Richard-
son 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (m)

(51)⁷ C12N 9/00

(11) WO 01/72976 (13) A2

(21) PCT/US01/09613

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/192,002 24 Mar/mar 2000 US
(24.03.2000)

(30) 09/634,955 8 Aug/août 2000 US
(08.08.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • 32142, 21481, 25964, 21686, NOVEL
HUMAN DEHYDROGENASE
MOLECULES AND USES THERE-
FOR

• 32142, 21481, 25964, 21686, NOU-
VELLES MOLECULES DESHYDRO-
GENASES HUMAINES ET UTILISA-
TIONS

- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
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- (72, 75) **MEYERS, Rachel** [US/US]; 115 Devonshire Road, Newton, MA 02468 (US). **COOK, William, James** [US/US]; 22 Reynolds Avenue, Natick, MA 01760 (US). **WILLIAMSON, Mark** [US/US]; 15 Stonecrest Drive, Saugus, MA 01906 (US). **RUDOLPH-OWEN, Laura, A.** [US/US]; 186 Arborway #1, Jamaica Plain, MA 02130 (US).
- (74) **MANDRAGOURAS, Amy, E.**; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (m)
- (51)⁷ C12N 9/00, 15/52, C07K 16/40, A01K 67/027, C12N 15/66, C12Q 1/68, G01N 33/53, A61K 38/43
- (11) **WO 01/72977** (13) A2
- (21) PCT/US01/09659
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,408 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 60/212,725 **20 Jun/juin 2000 US (20.06.2000)**
- (30) 09/609,816 **3 Jul/juil 2000 US (03.07.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ISOLATED HUMAN DRUG-METABOLIZING PROTEINS, NUCLEIC ACID MOLECULES ENCODING HUMAN DRUG-METABOLIZING PROTEINS, AND USES THEREOF
• PROTEINES HUMAINES ISOLEES METABOLISANT CERTAINS MEDICAMENTS, MOLECULES D'ACIDES NUCLEIQUES CODANT POUR CES PROTEINES, ET LEURS UTILISATIONS
- (71) **PE CORPORATION (NY)** [US/US]; Robert A. Millman, Assistant Secretary, 761 Main Avenue, Norwalk, CT 06859 (US).
- (72) **WOODAGE, Trevor**; Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **WEI, Ming-Hui**; Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **KODIRA, Chinnappa**; Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina**; Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **BEASLEY, Ellen, M.**; Celera, 45 West Gude Drive, Rockville, MD 20850 (US).
- (74) **MILLMAN, Robert, A.**; Celera Genomics Corp., 45 West Gude Drive C2-4, Rockville, MD 20850 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- (51)⁷ C12N 9/00
- (11) **WO 01/72978** (13) A2
- (21) PCT/US01/09775
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,226 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ARYL PROPENAL DOUBLE BOND REDUCTASE
• REDUCTASE A DOUBLE LIAISON ARYLE PROPENAL
- (71) **WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION** [US/US]; N.E. 1610 Eastgate Boulevard, Pullman, WA 99164-1802 (US).
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- (72, 75) **KASAHARA, Hiroyuki** [JP/JP]; #502 Belle Epoque, 1-1-10 Maruyamadai, Wako-Shi, Saitama 351-0112 (JP). **DAVIN, Laurence, B.** [FR/US]; 1710 Upper Drive, Pullman, WA 99163 (US). **LEWIS, Norman, G.** [CA/US]; 1710 Upper Drive, Pullman, WA 99163 (US).
- (74) **MCGURL, Barry, F.**; Christensen O'Connor Johnson Kindness PLLC, Suite 2800, 1420 5th Avenue, Seattle, WA 98101-2347 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
- (51)⁷ C12N 9/02, 15/12, 15/52, 15/63, 15/85, C07K 14/47, 14/435, A61K 38/17, 38/43, A61P 35/00, 37/00
- (11) **WO 01/72980** (13) A1
- (21) PCT/CN01/00453
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) zh (26) zh
- (30) 00 1 15232.7 **28 Mar/mar 2000 CN (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NEW POLYPEPTIDE- HUMAN PEROXYDASE 18 AND THE POLYNUCLEOTIDE ENCODING IT
• NOUVEAU POLYPEPTIDE, PEROXYDASE HUMAINE 18, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12F, 3rd
- (30) 00 1 15187.8 **27 Mar/mar 2000 CN (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NEW POLYPEPTIDE-HUMAN DIHYDROOROTASE 15 AND THE POLYNUCLEOTIDE ENCODING IT
• NOUVEAU POLYPEPTIDE, DIHYDROOROTASE HUMAINE 15, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) *for all designations except / pour toutes les désignations sauf US*
(t) *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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG); (t) for the following designation / pour la désignation suivante : US*
(u) *for / pour US only / seulement*

Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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; (u) for / pour US only / seulement

(51)⁷ **C12N 9/02, 15/12, 15/63, 15/85, C07K 14/47, 14/435, A61K 38/17, A61P 35/00, 37/00**

(11) **WO 01/72981** (13) A1

(21) PCT/CN01/00459

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15230.0 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NEW POLYPEPTIDE-HUMAN NAD-DEPENDENT 2-HYDROXY ACID DEHYDROGENASE FAMILY PROTEIN 11 AND THE POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 11 DE LA FAMILLE DES 2-HYDROXYACIDE DESHYDROGENASES NAD-DEPENDANTE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN];

3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 **C12N 9/02, 15/12, 15/63, 15/85, C07K 14/47, 14/435, A61K 38/17, A61P 35/00, 37/00**

(11) **WO 01/72982** (13) A1

(21) PCT/CN01/00461

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15228.9 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NEW POLYPEPTIDE - HUMAN NAD - DEPENDENT 2-HYDROXY ACID DEHYDROGENASE FAMILY PROTEIN 13 AND THE POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 13 DE LA FAMILLE DES 2-HYDROXYACIDE DESHYDROGENASES NAD-DEPENDANTE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ **C12N 9/02, 15/12, 15/52, 15/63, 15/85, C07K 14/47, 14/435, A61K 38/17, 38/43, A61P 35/00, 37/00**

(11) **WO 01/72983** (13) A1

(21) PCT/CN01/00505

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15283.1 **29 Mar/mar 2000 CN (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NEW POLYPEPTIDE- HUMAN PEROXYDASE 11 AND THE POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PEROXYDASE HUMAINE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ **C12N 9/10, A01H 1/06, 5/02**

(11) **WO 01/72984** (13) A1

(21) PCT/AU01/00358

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) PQ 6598 **31 Mar/mar 2000** AU
(**31.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PLANT ANTHOCYANIDIN RUTINOSIDE AROMATIC ACYL TRANSFERASES

● TRANSFERASES D'ACYLE AROMATIQUE A L'ANTHOCYANIDINE-RUTINOSIDE DES PLANTES

(71) **INTERNATIONAL FLOWER DEVELOPMENTS PTY. LTD.** [AU/AU]; 16 Gipps Street, Collingwood, Victoria 3066 (AU).
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(72, 75) **BRUGLIERA, Filippa** [AU/AU]; 11 Kalimna Street, Preston, Victoria 3072 (AU).
KOES, Ronald [NL/NL]; De Boelelaan 1087, NL-NL-108 HV Amsterdam (NL).

(74) **HUGHES, E, John, L** et al. / etc.; Davies Collison Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C12N 9/12, 15/12, 15/52, 15/63, 15/85, C07K 14/47, 14/435, A61K 38/17, 38/45, A61P 35/00, 37/00**

(11) **WO 01/72985** (13) A1

(21) PCT/CN01/00433

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15165.7 **27 Mar/mar 2000** CN
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE - HUMAN PROTON TRANSLOCATION ATP ENZYME 24 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, ATPASE DE TRANSLOCATION DE PROTON 24, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
XIE, Yi [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU

ID IL IN 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.

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Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ **C12N 9/50, 15/12, 15/55, 15/63, 15/85, A61K 38/48, A61P 35/00, 37/00**

(11) **WO 01/72986** (13) A1

(21) PCT/CN01/00441

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15246.7 **28 Mar/mar 2000** CN
(**28.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE-HUMAN ATP-DEPENDENT SERINE PROTEASE 10 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, SERINE HYDROLASE HUMAINE ATP-DEPENDANTE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).
XIE, Yi [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM

KE LS MW MZ SD SL SZ TZ UG 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 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 **C12N 9/50, 15/12, 15/55, 15/63, 15/85, A61K 38/48, A61P 35/00, 37/00**

(11) **WO 01/72987** (13) A1

(21) PCT/CN01/00445

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15245.9 **28 Mar/mar 2000** CN
(**28.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE-HUMAN ATP-DEPENDENT SERINE PROTEASE 52 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, SERINE HYDROLASE ATP-DEPENDANTE HUMAINE 52, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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

(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
XIE, Yi [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ **C12N 9/50, 15/12, 15/55, 15/63, 15/85, A61K 38/48, A61P 35/00, 37/00, 3/00, 7/00**

(11) **WO 01/72988** (13) A1

(21) PCT/CN01/00457

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00115247.5 **28 Mar/mar 2000** CN
(**28.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE-HUMAN ATP-DEPENDENT SERINE PROTEASE 11.4 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, SERINE HYDROLASE HUMAINE ATP-DEPENDANTE 11.4, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

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

(u) for / pour US only / seulement

(51)⁷ C12N 9/50, 15/12, 15/55, 15/63, 15/85, A61K 38/48, A61P 35/00, 37/00

(11) WO 01/72989 (13) A1

(21) PCT/CN01/00507

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15281.5 29 Mar/mar 2000 CN (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE-HUMAN ATP-DEPENDENT SERINE PROTEASE 11 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, SERINE HYDROLASE HUMAINE ATP-DEPENDANTE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C12N 9/50, 15/12, 15/55, 15/63, 15/85, A61K 38/48, A61P 35/00, 37/00

(11) WO 01/72990 (13) A1

(21) PCT/CN01/00508

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15280.7 29 Mar/mar 2000 CN (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE- HUMAN ATP-DEPENDENT SERINE PROTEASE 12 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, SERINE HYDROLASE HUMAINE ATP-DEPENDANTE 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C12N 9/50, 15/12, 15/55, 15/63, 15/85, A61K 38/48, A61P 35/00, 37/00

(11) WO 01/72991 (13) A1

(21) PCT/CN01/00509

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15278.5 29 Mar/mar 2000 CN (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE-HUMAN ATP-DEPENDENT SERINE PROTEASE 9.8 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, SERINE HYDROLASE HUMAINE ATP-DEPENDANTE 9.8, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C12N 9/50, 15/12, 15/55, 15/63, 15/85, A61K 38/48, A61P 35/00, 37/00

(11) WO 01/72992 (13) A1

(21) PCT/CN01/00510

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15276.9 29 Mar/mar 2000 CN (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW POLYPEPTIDE- HUMAN ATP-DEPENDENT SERINE PROTEASE 16 AND THE POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, SERINE HYDROLASE HUMAINE ATP-DEPENDANTE 16, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Rd., Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 11th Floor, 61 Nanjin Rd (E), Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C12N 15/00, C07K 7/08, 14/705, 16/28, A61K 45/00, A61P 31/04, A61K 38/02, 39/395, A61P 43/00, G01N 33/15, 33/50, 33/53, 33/577

(11) WO 01/72993 (13) A1

(21) PCT/JP01/02869

(22) 2 Apr/avr 2001 (02.04.2001)

(25) ja (26) ja

(30) 2000-99617 31 Mar/mar 2000 JP (31.03.2000)

(30) 2000-356719 22 Nov/nov 2000 JP (22.11.2000)

(30) 09/806,158 28 Mar/mar 2001 US (28.03.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TLR/CD14 BINDING INHIBITOR

• INHIBITEUR DE LIAISON ENTRE LE RECEPTEUR DE TYPE TOLL ET CD14

(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) FURUSAKO, Shouji [JP/JP]; c/o. Mochida Pharmaceutical Co., Ltd., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). MORI, Sadao [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). TAKAHASHI, Tomohiro [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 Building 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/00

(11) WO 01/72994 (13) A2

(21) PCT/US01/09224

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(30) 60/191,861 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HUMAN UROTHELIAL CELL SPECIFIC UROPLAKIN TRANSCRIPTIONAL REGULATORY SEQUENCES, VECTORS COMPRISING UROPLAKIN-SPECIFIC TRANSCRIPTIONAL REGULATORY SEQUENCES, AND METHODS OF USE THEREOF

• SEQUENCES DE REGULATION TRANSCRIPTIONNELLE D'UROPLAKINE SPECIFIQUES AUX CELLULES UROTHELIALES HUMAINES, VECTEURS COMPORTANT DES SEQUENCES DE REGULATION TRANSCRIPTIONNELLE SPECIFIQUES A L'UROPLAKINE, ET LEUR PROCEDES D'UTILISATION

(71) CALYDON, INC. [US/US]; 1324 Chesapeake Terrace, Sunnyvale, CA 94089 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YU, De-Chao [CN/US]; 352 Dolphin Isle, Foster City, CA 94404 (US). ZHANG, Hong [US/US]; 18770 Hanna Drive, Cupertino, CA 95014 (US). HENDERSON, Daniel, R. [US/US]; 955 Matadero Avenue, Palo Alto, CA 94306 (US).

(74) GLAISTER, Debra, J. et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/00

(11) WO 01/72995 (13) A2

(21) PCT/US01/09953

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,586 28 Mar/mar 2000 US (28.03.2000)

(30) 60/203,343 10 May/mai 2000 US (10.05.2000)

(30) 60/263,226 23 Jan/jan 2001 US (23.01.2001)

(30) 60/271,426 27 Feb/fév 2001 US (27.02.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS OF PRODUCING A LIBRARY AND METHODS OF SELECTING POLYNUCLEOTIDES OF INTEREST

• METHODES DE PRODUCTION D'UNE BIBLIOTHEQUE ET METHODES DE SELECTION DE POLYNUCLEOTIDES D'INTERET

(71) UNIVERSITY OF ROCHESTER [US/US]; Office of Technology Transfer, 518 Hyland Building, Rochester, NY 14627-0140 (US).

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

(72, 75) ZAUDERER, Maurice [US/US]; 44 Woodland Road, Pittsford, NY 14534 (US). SMITH, Ernest, S. [US/US]; 112 Greenleaf Meadows, Rochester, NY 14612 (US).

(74) STEFFE, Eric, K. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (q2)

(51)⁷ C12N 15/09, 15/79, 15/82, A01H 5/00

(11) WO 01/72996 (13) A1

(21) PCT/AU01/00349

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) PQ 6516 28 Mar/mar 2000 AU (28.03.2000)

(30) PR 1081 27 Oct/oct 2000 AU (27.10.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A CONSTRUCT CAPABLE OF RELEASE IN CLOSED CIRCULAR FORM FROM A LARGER NUCLEOTIDE SEQUENCE PERMITTING SITE SPECIFIC EXPRESSION AND/OR DEVELOPMENTALLY REGULATED EXPRESSION OF SELECTED GENETIC SEQUENCES

• CONSTRUCTION CAPABLE DE LIBERATION EN FORME CIRCULAIRE FERMEE A PARTIR D'UNE SEQUENCE NUCLEOTIDIQUE PLUS GRANDE PERMETTANT L'EXPRESSION SPECIFIQUE DU MILIEU ET/OU L'EXPRESSION A REGULATION DE DEVELOPPEMENT DE SEQUENCES GENETIQUES SELECTIONNEES

(71) QUEENSLAND UNIVERSITY OF TECHNOLOGY [AU/AU]; Gardens Point Campus, 2 George Street, Brisbane, Queensland 4000 (AU). HARDING, Robert, Maxwell [AU/AU]; Unit 1/20 Sankey Street, Highgate Hill, Queensland 4101 (AU). CHOWPONGPANG, Srimek [TH/TH]; 87/3 Mu.4, Tambol Bankoh, Amphur Muang, 74000 Samut Sakhon (TH).

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

(72, 75) DALE, James, Langham [AU/AU]; 10 Chalcot Road, Anstead, Queensland 4070 (AU). DUGDALE, Benjamin [AU/AU]; 16 High Street, Milton, Queensland 4064

- (AU). **HAFNER, Greg, John** [AU/AU]; 14 Niebling Place, Manly West, Queensland 4179 (AU). **HERMANN, Scott, Richard** [AU/AU]; 17 Palmer Parade, Strathpine, Queensland 4500 (AU). **BECKER, Douglas, Kenneth** [AU/AU]; Unit 3/20 Denman Street, Alderley, Queensland 4051 (AU).
- (74) **HUGHES, E., John, L.** et al. / etc.; Davies Collision Cave, Level 3, 303 Coronation Drive, Milton, Queensland 4064 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/09, 15/12, C12Q 1/68, G01N 33/50**
- (11) **WO 01/72997** (13) A1
- (21) PCT/JP01/02476
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-88759 **28 Mar/mar 2000 JP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **MUTANT HUMAN TGF-β1 GENES**
• GENES DU TGF-β1 HUMAINS MUTANTS
- (71) **TAIHO PHARMACEUTICAL CO., LTD.** [JP/JP]; 27, Kandanishiki-cho 1-chome, Chiyoda-ku, Tokyo 101-8444 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NIKAWA, Norio** [JP/JP]; 11-15, Sakamoto 1-chome, Nagasaki-shi, Nagasaki 852-8102 (JP).
- (74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Bldg., 3-6, Nihonbashinginoycho 1-chome, Chuo-ku, Tokyo 103-0013 (JP).
- (81) US.
- (84) EP (CH DE FR GB IT NL).
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- (51)⁷ **C12N 15/10, 15/11**
- (11) **WO 01/72998** (13) A2
- (21) PCT/EP01/03669
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) de (26) de
- (30) 100 16 138.3 **31 Mar/mar 2000 DE (31.03.2000)**
- (30) 00109297.2 **29 Apr/avr 2000 EP (29.04.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **METHOD FOR EXTRACTING NUCLEIC ACIDS**
• PROCÉDE D'EXTRACTION D'ACIDES NUCLEIQUES
- (71) **MEMOREC MEDICAL MOLECULAR RESEARCH COLOGNE STOFFEL**
- GMBH** [DE/DE]; Stöckheimer Weg 1, 50829 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOSIO, Andreas** [IT/DE]; Hans-Sachs-Strasse 21, 50931 Köln (DE).
- (74) **MEYERS, Hans-Wilhelm** 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/10, 15/67, 15/53, 15/70, 15/81, 9/08**
- (11) **WO 01/72999** (13) A1
- (21) PCT/US00/24795
- (22) **1 Sep/sep 2000 (01.09.2000)**
- (25) en (26) en
- (30) 09/538,591 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **EXPRESSION OF FUNCTIONAL EUKARYOTIC PROTEINS**
• EXPRESSION DE PROTEINES EUCARYOTES FONCTIONNELLES
- (63) US 09/538,591 (CIP)
27 Mar/mar 2000 (27.03.2000)
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, CA 91225 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARNOLD, Frances, H.** [US/US]; 629 S. Grand Avenue, Pasadena, CA 91105 (US).
LIN, Zhanglin [CN/US]; 1630 Worcester Road #633C, Framingham, MA 01702 (US).
- (74) **SCHAFFER, Robert** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN 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 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); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **C12N 15/10, C12Q 1/68**
- (11) **WO 01/73000** (13) A2
- (21) PCT/US01/09203
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,782 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 60/262,617 **17 Jan/jan 2001 US (17.01.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **METHODS FOR MODULATING CELLULAR AND ORGANISMAL PHENOTYPES**
• PROCÉDES DE MODULATION DE PHENOTYPES CELLULAIRES ET ORGANISMIQUES
- (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) **STEMMER, Willem, P., C.** [NL/US]; 108 Kathy Court, Los Gatos, CA 95030 (US).
MINSHULL, Jeremy [US/US]; 842 Hermosa Way, Menlo Park, CA 94025 (US).
KEENAN, Robert, J. [US/US]; 1227 Shrader Street, San Francisco, CA 94117 (US).
- (74) **QUINE, Jonathan, Alan**; The Law Offices of Jonathan Alan Quine, P.O. Box 458, Alameda, CA 94501 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **C12N 15/10, 15/11, 5/06**
- (11) **WO 01/73001** (13) A2
- (21) PCT/US01/09218
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) en (26) en
- (30) 60/191,996 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **ESTABLISHMENT OF CELLULAR MANIPULATIONS WHICH ENHANCE OLIGO-MEDIATED GENE TARGETING**
• MISE EN PLACE DE MANIPULATION CELLULAIRES RENFORÇANT LE CIBLAGE DE GENES APRES OLIGO-MEDIATION
- (71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, as represented by THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; Suite 325, 6011 Executive Boulevard, Rockville, MD 20852-3804 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SEIDMAN, Michael, M.** [US/US]; 3639 Veazey Street, North West, Washington, DC 20008 (US).
MAJUMDAR, Alok [US/US]; 7735 Mineral Spring Drive, Gaithersburg, MD 20877 (US).
- (74) **MACKNIGHT, Kamrin, T.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220

- Montgomery Street, San Francisco, CA 94104 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **C12N 15/10, 15/11, C07H 21/04, A61K 48/00, 31/7088, C12N 5/10, A01K 67/027**
- (11) **WO 01/73002** (13) A2
- (21) PCT/US01/09761
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,179 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 60/192,176 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 60/208,538 **1 Jun/juin 2000 US (01.06.2000)**
- (30) 60/244,989 **30 Oct/oct 2000 US (30.10.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TARGETED CHROMOSOMAL GENOMIC ALTERATIONS WITH MODIFIED SINGLE STRANDED OLIGONUCLEOTIDES
- ALTERATIONS GENOMIQUES CHROMOSOMIQUES CIBLEES A OLIGONUCLEOTIDES MONOCATENAIRES MODIFIES
- (71) **UNIVERSITY OF DELAWARE** [US/US]; 210 Hüllihen Hall, Newark, DE 19716 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **KMIEC, Eric, B.** [US/US]; 18 Crossan Court, Landenberg, PA 19350 (US). **GAMPER, Howard, B.** [US/US]; 904 Locust Street, Philadelphia, PA 19107 (US). **RICE, Michael, C.** [US/US]; 802 Washington Crossing Road, Newtown, PA 18940 (US).
- (74) **HALEY, James, F., Jr.** et al. / etc.; c/o Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for all designations / pour toutes les désignations
-
- (51)⁷ **C12N 15/11**
- (11) **WO 01/73003** (13) A1
- (21) PCT/US01/09590
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 09/534,509 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMPOUND, COMPOSITION AND METHOD FOR THE TREATMENT OF INFLAMMATORY AND INFLAMMATORY-RELATED DISORDERS
- COMPOSE, COMPOSITION ET METHODE DE TRAITEMENT DE TROUBLES INFLAMMATOIRES ET DE TROUBLES LIES A UNE INFLAMMATION
- (71) **BIOCCELL LABORATORIES** [US/US]; Volodymyr Tkachuk, 2724 Franklin Court, Alexandria, VA 22302 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **TKACHUK, Zenoviy** [UA/US]; c/o Volodymyr Tkachuk, 2724 Franklin Court, Alexandria, VA 22302 (US).
- (74) **SECKEL, Nicolas, E.** et al. / etc.; Armstrong, Westerman, Hattori, McLeland & Naughton, LLP, Suite 1000, 1725 K Street NW, Washington, DC 20006 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **C12N 15/12, C07K 14/705**
- (11) **WO 01/73004** (13) A1
- (21) PCT/CN01/00321
- (22) **16 Mar/mar 2001 (16.03.2001)**
- (25) zh (26) zh
- (30) 00 1 14982.2 **17 Mar/mar 2000 CN (17.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NOVEL POLYPEPTIDE - HUMAN RETINALDEHYDE - BINDING PROTEIN 39 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE
- NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE LIAISON DU RETINALDEHYDE 39, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement
-
- (51)⁷ **C12N 15/12, C07K 14/435, A61K 38/17**
- (11) **WO 01/73006** (13) A1
- (21) PCT/CN01/00381
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) zh (26) zh
- (74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement
-
- (51)⁷ **C12N 15/12, C07K 14/705**
- (11) **WO 01/73004** (13) A1
- (21) PCT/CN01/00321
- (22) **16 Mar/mar 2001 (16.03.2001)**
- (25) zh (26) zh
- (30) 00 1 14982.2 **17 Mar/mar 2000 CN (17.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NOVEL POLYPEPTIDE - HUMAN RETINALDEHYDE - BINDING PROTEIN 39 AND THE POLYNUCLEOTIDE ENCODING SAID POLYPEPTIDE
- NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE DE LIAISON DU RETINALDEHYDE 39, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE
- (71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).
- (74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
- Published / Publiée : (c)
- Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(u) for / pour US only / seulement
-
- (51)⁷ **C12N 15/12, C07K 14/435, A61K 38/17**
- (11) **WO 01/73006** (13) A1
- (21) PCT/CN01/00381
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) zh (26) zh

(30) 00 1 15128.2 **24 Mar/mar 2000** CN
(**24.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN NATRIURETIC PEPTIDE RECEPTOR 11 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, RECEPTEUR HUMAIN DU PEPTIDE NATRIURETIQUE 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C12N 15/12, C07K 14/435, A61K 38/17

(11) WO 01/73007 (13) A1

(21) PCT/CN01/00395

(22) 23 Mar/mar 2001 (23.03.2001)

(25) zh (26) zh

(30) 00 1 15087.1 **24 Mar/mar 2000** CN
(**24.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN OCTAMER-BINDING PROTEIN 28 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 28 DE LIAISON A UN OCTAMERE, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor,

3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) for the following designation / pour la désignation suivante : US; (t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG) (u) for / pour US only / seulement

(51)⁷ C12N 15/12, C07K 14/435, A61K 38/17

(11) WO 01/73008 (13) A1

(21) PCT/CN01/00420

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15158.4 **27 Mar/mar 2000** CN
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN TUMOR RELATIVE NUCLEOPROTEIN 13 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, NUCLEOPROTEINE HUMAINE 13 ASSOCIEE AUX TUMEURS, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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; (u) for / pour US only / seulement

(51)⁷ C12N 15/12, C07K 14/435, A61K 38/17

(11) WO 01/73009 (13) A1

(21) PCT/CN01/00424

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15152.5 **27 Mar/mar 2000** CN
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN BROMINE GROUP DOMAIN 11 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, BROMODOMAINE HUMAIN 11, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, 200031 Shanghai (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM

HR HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW
AP (GH GM KE LS MW MZ SD SL SZ TZ UG
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 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; (u) for / pour
US only / seulement

(51)⁷ C12N 15/12, C07K 14/435, A61K 38/17

(11) WO 01/73010 (13) A1

(21) PCT/CN01/00429

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15174.6 27 Mar/mar 2000 CN
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN
MEMBRANE VESICLE TRANSPORT
PROTEIN 43 AND THE
POLYNUCLEOTIDE ENCODING THE
POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE
HUMAINE DE TRANSPORT VESICU-
LAIRE 43, ET POLYNUCLEOTIDE CO-
DANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DE-
VELOPMENT INC. [CN/CN]; 12th Floor,
Shanghai 200092 (CN).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) MAO, Yumin [CN/CN]; 3rd Building,
12th floor, 1111 Zhongshan Bei Er Road,
Shanghai 200092 (CN). XIE, Yi [CN/CN];
3rd Building, 12th Floor, 1111 Zhongshan
Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT
AGENCY; 319 Yue Yang Road, Shang-
hai 200031 (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 EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR
NE SN TD TG); (t) for the following designation
/ pour la désignation suivante : US
(u) for / pour US only / seulement

Declarations / Déclarations :

(s) for all designations except / pour toutes les
désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW MZ SD SL SZ TZ UG 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 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 C12N 15/12, C07K 14/435, A61K 38/17

(11) WO 01/73011 (13) A1

(21) PCT/CN01/00431

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15171.1 27 Mar/mar 2000 CN
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN
ZINC FINGER PROTEIN 38 AND THE
POLYNUCLEOTIDE ENCODING THE
POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE
HUMAINE A DOIGT DE ZINC 38, ET
POLYNUCLEOTIDE CODANT POUR
CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DE-
VELOPMENT INC. [CN/CN]; 12th Floor,
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les États désignés sauf US)

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd
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(74) SHANGHAI HUA DONG PATENT
AGENCY; 319 Yue Yang Road, Shang-
hai 200031 (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 EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR
NE SN TD TG); (t) for the following designation
/ pour la désignation suivante : US
(u) for / pour US only / seulement

Declarations / Déclarations :

(s) for all designations except / pour toutes les
désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW MZ SD SL SZ TZ UG 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 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 C12N 15/12, C07K 14/435, A61K 38/17

(11) WO 01/73012 (13) A1

(21) PCT/CN01/00460

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15235.1 28 Mar/mar 2000 CN
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN
ZINC FINGER PROTEIN 36 AND THE
POLYNUCLEOTIDE ENCODING THE
POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE
HUMAINE A DOIGT DE ZINC 36, ET
POLYNUCLEOTIDE CODANT POUR
CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DE-
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(72, 75) MAO, Yumin [CN/CN]; 12th Floor,
3rd Building, 1111 Zhongshan Bei Er Road,
Shanghai 200092 (CN). XIE, Yi [CN/CN];
12th Floor, 3rd Building, 1111 Zhongshan
Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT
AGENCY; 319 Yue Yang Road, Shang-
hai 200031 (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 EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.

Declarations / Déclarations :

(s) for all designations except / pour toutes les
désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW MZ SD SL SZ TZ UG 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 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 C12N 15/12, C07K 14/435, A61K 38/17

(11) WO 01/73013 (13) A1

(21) PCT/CN01/00528

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15263.7 29 Mar/mar 2000 CN
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN
RIBOSOME S7 PROTEIN 16 AND THE
POLYNUCLEOTIDE ENCODING THE
POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PROTEINE
RIBOSOMALE S7 HUMAINE 16, ET
POLYNUCLEOTIDE CODANT POUR
CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT
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3rd Building, 1111 Zhongshan Bei Er Road,
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12th Floor, 3rd Building, 1111 Zhongshan
Bei Er Road, Shanghai 200092 (CN).

- (74) **WATSON & BAND LAW OFFICES**; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

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

- (51)⁷ **C12N 15/12, C07K 14/47, C12N 15/62, C07K 16/18**
- (11) **WO 01/73014** (13) A1
- (21) PCT/EP01/03204
- (22) **21 Mar/mar 2001 (21.03.2001)**
- (25) en (26) en
- (30) 00106408.8 **24 Mar/mar 2000 EP (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **HUMAN SURVIVIN INTERACTING PROTEIN 1 (SIP-1)**
• **PROTEINE 1 INTERAGISSANT AVEC LA SURVIVINE HUMAINE (SIP-1)**
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENTSCH, Bernd** [DE/DE]; Kampstrasse 48, 64289 Darmstadt (DE).
DÜCKER, Klaus [DE/DE]; Ettesterstr. 5, 64291 Darmstadt (DE).
HOCK, Björn [DE/DE]; Nordstrasse 2a, 63477 Maintal (DE).
- (74) **MERCK PATENT GMBH**; 64271 Darmstadt (DE).
- (81) CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ **C12N 15/12, C07K 14/705, G01N 33/68, C07K 16/28, 19/00, C12N 15/62**
- (11) **WO 01/73015** (13) A1
- (21) PCT/EP01/03350
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 00106581.2 **27 Mar/mar 2000 EP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **IDENTIFICATION OF HUMAN GABA TRANSPORTER**
• **IDENTIFICATION DE TRANSPORTEURS DE GABA HUMAINS**
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RIPPMANN, Friedrich** [DE/DE]; Schröderstrasse 79, 69120 Heidelberg (DE).

- DÜCKER, Klaus** [DE/DE]; Ettesterstrasse 5, 64291 Darmstadt (DE).
- (74) **MERCK PATENT GMBH**; 64271 Darmstadt (DE).
- (81) CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

- (51)⁷ **C12N 15/12, C07K 14/47, C12Q 1/68, A61K 31/713, G01N 33/68**
- (11) **WO 01/73016** (13) A2
- (21) PCT/EP01/03430
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,572 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **REGULATION OF HUMAN TAP-RELATED PROTEIN**
• **REGULATION DE PROTEINES ASSOCIEES A DES POINTES HUMAINES**
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIOU, Jiing-Ren** [CN/US]; 10 Winslow Road, Belmont, MA 02478 (US).
- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **C12N 15/12, C07K 14/47, C12Q 1/68, C12N 5/10, G01N 33/68, A61K 38/17**
- (11) **WO 01/73017** (13) A2
- (21) PCT/EP01/03431
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,373 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **REGULATION OF HUMAN ADP-RIBOSYLATION FACTOR-RELATED PROTEIN**
• **REGULATION DE LA PROTEINE HUMAINE APPARENTEE AU FACTEUR D'ADP-RIBOSYLATION**
- (71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LIOU, Jiing-Ren** [CN/US]; 10 Winslow Road, Belmont, MA 02478 (US).

- (74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **C12N 15/12, C07K 14/705, 19/00, 16/28, G01N 33/68**
- (11) **WO 01/73018** (13) A2
- (21) PCT/EP01/03567
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 00106094.6 **30 Mar/mar 2000 EP (30.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **NEW HUMAN TAP-LIKE PROTEIN**
• **NOUVELLE PROTEINE HUMAINE DE TYPE TAP**
- (71) **MERCK PATENT GMBH** [DE/DE]; Frankfurter Strasse 250, 64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BRANDT, Silke** [DE/DE]; Adelongstrasse 35, 64283 Darmstadt (DE).
BURGER, Christa [DE/DE]; Carsanweg 23, 64289 Darmstadt (DE).

- (74) **MERCK PATENT GMBH**; 64271 Darmstadt (DE).
- (81) CA 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 **C12N 15/12, C07K 14/47, A61K 38/17, G01N 33/50, G06F 17/50**
- (11) **WO 01/73019** (13) A1
- (21) PCT/EP01/03617
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) de (26) de
- (30) 100 15 748.3 **29 Mar/mar 2000 DE (29.03.2000)**
- (30) 100 18 335.2 **13 Apr/avr 2000 DE (13.04.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **3D STRUCTURE OF POLYPEPTIDES CONTAINING A TPR-STRUCTURE MOTIF WITH CHAPERONE-BINDING FUNCTION, CRYSTALS THEREOF AND COMPOUNDS FOR INHIBITION OF SAID PEPTIDES**
• **FORME SPATIALE DE POLYPEPTIDES CONTENANT UN MOTIF A STRUCTURE TPR, A FONCTION DE LIAISON DE TYPE CHAPERON, SES CRISTAUX ET SES COMPOSES POUR INHIBER DES POLYPEPTIDES DE CE TYPE**

(71) **MAX-PLANCK-GESELLSCHAFT** [DE/DE]; Hofgarten 8, 80539 München (DE).

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(72, 75) **MOAREFI, Ismail** [DE/DE]; Kapuzinerstr. 11, 80337 München (DE). **SCHEUFLER, Clemens** [DE/DE]; Gräfelinger Str. 120, 81375 München (DE). **HARTL, Ulrich** [DE/DE]; Schulstrasse 12, 82288 Kottgeising (DE). **BRINKER, Achim** [DE/DE]; Am Klopferspitz 14c, 82152 Planegg (DE).

(74) **GRAF VON STOSCH, Andreas** et al. / etc.; Bosch, Graf von Stosch, Jehle, Postfach 10 02 41, 80076 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C12N 15/12, 15/11, 15/10, 15/66, C07K 14/705, 16/28, A61K 31/70, 38/17, 39/395, C12Q 1/68, G01N 33/50**

(11) **WO 01/73020** (13) A1

(21) PCT/GB01/01360

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007632.3 **29 Mar/mar 2000 GB (29.03.2000)**

(30) 0028503.1 **22 Nov/nov 2000 GB (22.11.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MATERIALS AND METHODS RELATING TO A NOVEL SPLICE VARIANT OF A NA⁺ DEPENDENT GLUTAMATE TRANSPORTER

• MATIERES ET PROCEDES CONCERNANT UN NOUVEAU VARIANT D'ÉPISSAGE D'UN TRANSPORTEUR DE GLUTAMATE NA⁺ DÉPENDANT

(71) **UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED** [GB/GB]; PO Box 497, 56 Park Place, Cardiff, South Wales CF1 3XR (GB).

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(72, 75) **MASON, Deborah** [GB/GB]; Cardiff School of Biosciences, Cardiff University, Biomedical Sciences Building, Museum Avenue, PO Box 911 (GB). **HUGGETT, Jim, Francis** [GB/GB]; Cardiff School of Biosciences, Cardiff University, Biomedical Sciences Building, Museum Avenue, PO Box 911 (GB).

(74) **CRIPPS, Joanna, E.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C12N 15/12, 5/10, 1/15, 1/19, 1/21, C12P 21/02, C07K 14/705, 16/28, C12Q 1/68, G01N 33/53**

(11) **WO 01/73021** (13) A1

(21) PCT/JP01/02446

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-092970 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL G PROTEIN-COUPLED RECEPTOR PROTEIN AND DNA THEREOF

• NOUVELLE PROTEINE RECEPTRICE COUPLÉE A UNE PROTEINE G ET ADN ASSOCIÉ

(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) **MIWA, Masanori** [JP/JP]; 11-15 A412, Shimoshinjo 3-chome, Higashiyodogawa-ku, Osaka-shi, Osaka 533-0021 (JP). **MATSUI, Hideki** [JP/JP]; 16-1-708, Namiki 4-chome, Tsukuba-shi, Ibaraki 305-0044 (JP). **SHINTANI, Yasushi** [JP/JP]; 7-9-703, Kasuga 1-chome, Tsukuba-shi, Ibaraki 305-0821 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **C12N 15/12, C12Q 1/68, C07K 14/47**

(11) **WO 01/73022** (13) A1

(21) PCT/JP01/02623

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 2000-90137 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROLIFERATIVE GLOMERULAR NEPHRITIS-ASSOCIATED GENE

• GENE ASSOCIÉ A LA GLOMERULO-NEPHRITE PROLIFÉRATIVE

(71) **KYOWA HAKKO KOGYO CO., LTD.** [JP/JP]; 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP).

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(72, 75) **TAKEUCHI, Kyoko** [JP/JP]; Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (JP). **SEKINE, Susumu** [JP/JP]; Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (JP). **KIKUCHI, Yasuhiro** [JP/JP]; Head Office, Kyowa Hakko Kogyo Co., Ltd., 6-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo 100-8185 (JP). **SAKURADA, Kazuhiro** [JP/JP]; Tokyo Research Laboratories, Kyowa Hakko Kogyo Co., Ltd., 6-6, Asahi-machi 3-chome, Machida-shi, Tokyo 194-8533 (JP).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **C12N 15/12, 1/15, 1/19, 1/21, 5/10, C07K 14/705, 16/28, C12P 21/02, C12Q 1/02, 1/68**

(11) **WO 01/73023** (13) A1

(21) PCT/JP01/02767

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-101339 **31 Mar/mar 2000 JP (31.03.2000)**

(30) 2000-163147 **29 May/mai 2000 JP (29.05.2000)**

(30) 2000-223870 **19 Jul/juil 2000 JP (19.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL GUANOSINE TRIPHOSPHATE-BINDING PROTEIN-COUPLED RECEPTOR GPRV53, GENE THEREOF AND PRODUCTION AND USE OF THE SAME

• NOUVEAU RECEPTEUR GPRV53 COUPLÉ A UNE PROTEINE SE LIANT A LA GUANOSINE-TRIPHOSPHATE, GENE CORRESPONDANT ET PROCEDE DE PRODUCTION ET D'UTILISATION ASSOCIÉ

(71) **HELIX RESEARCH INSTITUTE** [JP/JP]; 1532-3, Yana, Kisarazu-shi, Chiba 292-0812 (JP).

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

(72, 75) **MATSUMOTO, Shun-ichiro** [JP/JP]; 4-43-2-605, Honcho, Funabashi-shi, Chiba

- 273-0005 (JP). **ODA, Tamaki** [JP/JP]; 392-203, Nagasuka, Kisarazu-shi, Chiba 292-0054 (JP). **SAITO, Youko** [JP/JP]; 4-5-13-103, Higashiota, Kisarazu-shi, Chiba 292-0043 (JP). **MORIKAWA, Noriyuki** [JP/JP]; 3-9-17-408, Kaibuchi, Kisarazu-shi, Chiba 292-0833 (JP). **YOSHIDA, Kenji** [JP/JP]; 4-11-1-302, Higashiota, Kisarazu-shi, Chiba 292-0043 (JP). **SUWA, Makiko** [JP/JP]; 1-24-4, Kamata, Ota-ku, Tokyo 144-0052 (JP). **SUGIYAMA, Tomoyasu** [JP/JP]; 2-6-23-102, Kiyomidai, Kisarazu-shi, Chiba 292-0045 (JP).
- (74) **HELIX RESEARCH INSTITUTE**; 1532-3, Yana, Kisarazu-shi, Chiba 292-0812 (JP).
- (81) 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/12, 15/67, C07K 14/48, C12Q 1/02**
- (11) **WO 01/73024** (13) A1
- (21) PCT/JP01/02768
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-101300 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **NEUROTROPHIC FACTOR EXPRESSION-INDUCING AGENT**
• AGENT INDUISANT L'EXPRESSION DU FACTEUR NEUROTROPHIQUE
- (71) **HELIX RESEARCH INSTITUTE** [JP/JP]; 1532-3, Yana, Kisarazu-shi, Chiba 292-0812 (JP). **WELFIDE CORPORATION** [JP/JP]; 6-9, Hirano-machi 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0046 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MITSUMORI, Cristina** [BR/JP]; 2-9-1-B202, Kanno, Sodegaura-shi, Chiba 299-0257 (JP). **MORIKAWA, Noriyuki** [JP/JP]; 3-9-17-408, Kaibuchi, Kisarazu-shi, Chiba 292-0833 (JP). **HAYASHI, Koji** [JP/JP]; 2-10-2-2-236, Sonehigashi-cho, Toyonaka-shi, Osaka 561-0802 (JP). **NA-GAHARI, Kenji** [JP/JP]; 4-16-6, Nish-iogiminami, Suginami-ku, Tokyo 174-0000 (JP). **OTA, Toshio** [JP/JP]; 1-2-7-105, Tsujido-shinmachi, Fujisawa-shi, Kanagawa 251-0042 (JP). **HIO, Yuri** [JP/JP]; O-FLATS 201, 4508-19, Yana, Kisarazu-shi, Chiba 292-0812 (JP). **NISHIKAWA, Tetsuo** [JP/JP]; 27-3-403, Hikawa-cho, Itabashi-ku, Tokyo 173-0013 (JP). **ISO-GAI, Takao** [JP/JP]; 511-12, Omuro, Ami-machi, Inashiki-gun, Ibaraki 300-0303 (JP). **KAWASAKI, Masakazu** [JP/JP]; c/o Welfide Corporation, Pharmaceutical Research Division, Research Laboratories, 7-25, Koyata 3-chome, Iruma-shi, Saitama 358-0026 (JP). **HASHIMOTO, Kenji** [JP/JP]; c/o Welfide Corporation, Pharmaceutical Research Division, Research Laboratories, 7-25, Koyata 3-chome, Iruma-shi, Saitama 358-0026 (JP). **KISHIMOTO, Toshimitsu** [JP/JP]; c/o Welfide Corporation, Pharmaceutical Research Division, Research Laboratories, 25-1, Shodai-otani 2-chome, Hirakata-shi, Osaka 573-1153 (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 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/12, C07K 14/78, C12N 15/62, A61K 38/39, C12N 1/21, C07K 16/18, A61K 48/00, C12N 5/10**
- (11) **WO 01/73025** (13) A2
- (21) PCT/US01/40382
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,871 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **ANTI-ANGIOGENIC AND ANTI-TUMOR PROPERTIES OF VASCOSTATIN AND OTHER NIDOGEN DOMAINS**
• PROPRIETES ANTI-ANGIOGENES ET ANTI-TUMORALES DE LA VASCOSTATINE ET D'AUTRES DOMAINES NIDOGENES
- (71) **BETH ISRAEL DEACONESS MEDICAL CENTER** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KALLURI, Raghuram** [US/US]; 28 Holyoke Street, Boston, MA 02116 (US).
- (74) **HOGLE, Doreen, M.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, 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 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/12, 15/62, 5/00, C07K 14/47, 16/18, A61K 31/70, 35/14, 38/17, 39/00, 39/395, G01N 33/574, C12Q 1/68**
- (11) **WO 01/73027** (13) A2
- (21) PCT/US01/09246
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) en (26) en
- (30) 60/191,597 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 60/202,024 **4 May/mai 2000 US (04.05.2000)**
- (30) 60/202,189 **5 May/mai 2000 US (05.05.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **COMPOSITIONS AND METHODS FOR THERAPY AND DIAGNOSIS OF COLON CANCER**
- (51)⁷ **C12N 15/12, C07K 14/705, C12Q 1/68, G01N 33/68, A61K 38/00, 31/7088**
- (11) **WO 01/73026** (13) A2
- (21) PCT/US01/09067
- (22) **21 Mar/mar 2001 (21.03.2001)**
- (25) en (26) en
- (30) 60/191,845 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 09/715,790 **17 Nov/nov 2000 US (17.11.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • 43238, A NOVEL G PROTEIN-COUPLED RECEPTOR AND USES THEREFOR
• RECEPTEUR DIT 43238 COUPLE A UNE PROTEINE G ET SES UTILISATIONS
- (71) **MILLENNIUM PHARMACEUTICALS, INC.** [US/US]; 75 Sidney Street, Cambridge, MA 01239 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SILOS-SANTIAGO, Immaculada** [ES/US]; 18 Hilliard Street, Cambridge, MA 02138 (US). **GLUCKSMANN, Maria** [AR/US]; 33 Summit Road, Lexington, MA 02173 (US).
- (74) **FAVORITO, Carolyn, A.** 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 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 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 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 GW ML MR NE SN TD TG).

- COMPOSITIONS ET PROCÉDES POUR LA THÉRAPIE ET LE DIAGNOSTIC DU CANCER DU COLON
- (71) **CORIXA CORPORATION** [US/US]; Suite 200, 1124 Columbia Street, Seattle, WA 98104 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEAGHER, Madeleine, Joy** [US/US]; 507 N.E. 71st #1, Seattle, WA 98115 (US). **XU, Jiangchun** [US/US]; 15805 S.E. 43rd Place, Bellevue, WA 98006 (US). **KING, Gordon, E.** [US/US]; 15716 First Avenue N.W., Shoreline, WA 98117 (US).
- (74) **POTTER, Jane, E., R.;** Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/12, C07K 14/705, 14/715, 16/28, A01K 67/027, C12N 15/63, 5/10, C12P 21/00, G01N 33/53, C12Q 1/68, G01N 33/50**
- (11) **WO 01/73029** (13) A2
(21) PCT/US01/09522
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,419 **27 Mar/mar 2000 US (27.03.2000)**
(30) 60/230,459 **6 Sep/sep 2000 US (06.09.2000)**
(30) 09/666,535 **20 Sep/sep 2000 US (20.09.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ISOLATED HUMAN G-PROTEIN COUPLED RECEPTORS, NUCLEIC ACID MOLECULES ENCODING HUMAN GPCR PROTEINS, AND USES THEREOF
• RECEPTEURS COUPLES AUX PROTEINES G HUMAINES ISOLEES, MOLECULES D'ACIDES NUCLEIQUES CODANT LES PROTEINES GPCR HUMAINES, ET UTILISATIONS CORRESPONDANTES
- (71) **PE CORPORATION (NY)** [US/US]; Robert A. Millman, 761 Main Avenue, Norwalk, CT 06859 (US).
- (72) **YE, Jane;** c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **CRAVCHIK, Anibal;** c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **DI FRANCESCO, Valentina;** c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US). **BEASLEY, Ellen, M.;** c/o Celera, 45 West Gude Drive, Rockville, MD 20850 (US).
- (74) **MILLMAN, Robert, A.;** Celera Genomics Corp., 45 West Gude Drive C2-4, Rockville, MD 20850 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/12, C07K 14/705, 14/47, C12N 5/10, 1/21, C07K 16/18, 16/28, G01N 33/68, C12Q 1/68**
- (11) **WO 01/73028** (13) A2
(21) PCT/US01/09469
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,104 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NOVEL P-SELECTIN GLYCOPROTEIN LIGAND (PSGL-1) BINDING PROTEIN AND USES THEREFOR
• NOUVELLE PROTEINE DE LIAISON AUX LIGANDS DE GLYCOPROTEINE P-SELECTINE (PSGL-1) ET SES UTILISATIONS
- (71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).
- (72) **LORENZ, Meike;** Apartment 2, 385 Massachusetts Avenue, Arlington, MA 02472 (US). **KRIZ, Ron;** 166 Marlboro Street, Hudson, MA 01749 (US). **WEICH, Nadine;** 70 Park Street #53, Brookline, MA 02446 (US). **SHAW, Gray, D.;** 8 Lancaster Lane, Milton, MA 01286 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/12, C07K 14/47, 16/18, G01N 33/53, 33/574, A61K 39/395, 38/17**
- (11) **WO 01/73030** (13) A2
(21) PCT/US01/09737
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/192,667 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMPOSITIONS AND METHODS OF DIAGNOSING, MONITORING, STAGING, IMAGING AND TREATING COLON CANCER
• COMPOSITIONS ET METHODES DE DIAGNOSTIC, DE SURVEILLANCE, DE DETERMINATION DU STADE, DE REPRESENTATION ET DE TRAITEMENT DU CANCER DU COLON
- (71) **DIADEXUS, INC.** [US/US]; 3303 Octavius Drive, Santa Clara, CA 95054 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YANG, Fei** [CN/US]; 12227 Branicole Lane, San Diego, Ca 92129 (US). **PIDERIT, Alejandro** [CL/US]; 828 Van Dyck Court, Sunnyvale, CA 94087 (US). **HU, Ping** [US/US]; 108 Palmer Street, San Ramon, CA 94583 (US). **RECIPON, Hervé** [FR/US]; 85 Fortuna Avenue, San Francisco, CA 94115 (US). **MACINA, Roberto, A.** [AR/US]; 4118 Crescendo Avenue, San Jose, CA 95136 (US).
- (74) **LICATA, Jane, Massey** et al. / etc.; Licata & Tyrrell P.C., 66 E. Main Street, Marlton, NJ 08053 (US).
- (81) AU CA JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C12N 15/12, 15/62, 5/00, C07K 14/47, 16/18, G01N 33/574, A61K 38/17, 39/00, 39/395, 31/70, 35/14, C12Q 1/68**
- (11) **WO 01/73031** (13) A2
(21) PCT/US01/09773
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,530 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF OVARIAN CANCER
• COMPOSITIONS ET METHODES DESTINEES AU TRAITEMENT ET AU DIAGNOSTIC DU CANCER DE L'OVAIRE
- (71) **CORIXA CORPORATION** [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **XU, Jiangchun** [US/US]; 15805 S.E. 43rd Place, Bellevue, WA 98006 (US). **STOLK, John, A.** [US/US]; 7436 Northeast 144th Place, Bothell, WA 98011 (US).
- (74) **POTTER, Jane, E., R.;** Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/12, C07K 14/47, C12N 1/21, 5/10, C07K 16/18, G01N 33/68, C07K 19/00, C12N 15/10, A61K 38/17, 31/70, 39/395, 35/14, C12Q 1/68

(11) WO 01/73032 (13) A2

(21) PCT/US01/09919

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 09/536,857 27 Mar/mar 2000 US (27.03.2000)

(30) 09/568,100 9 May/mai 2000 US (09.05.2000)

(30) 09/570,737 12 May/mai 2000 US (12.05.2000)

(30) 09/593,793 13 Jun/juin 2000 US (13.06.2000)

(30) 09/605,783 27 Jun/juin 2000 US (27.06.2000)

(30) 09/636,215 10 Aug/août 2000 US (10.08.2000)

(30) 09/651,236 29 Aug/août 2000 US (29.08.2000)

(30) 09/657,279 6 Sep/sep 2000 US (06.09.2000)

(30) 09/679,426 2 Oct/oct 2000 US (02.10.2000)

(30) 09/685,166 10 Oct/oct 2000 US (10.10.2000)

(30) 09/709,729 9 Nov/nov 2000 US (09.11.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITIONS AND METHODS FOR THE THERAPY AND DIAGNOSIS OF PROSTATE CANCER

• COMPOSITIONS ET METHODES DE THERAPIE ET DE DIAGNOSTIC DU CANCER DE LA PROSTATE

(71) CORIXA CORPORATION [US/US]; 1124 Columbia Street, Suite 200, Seattle, WA 98104 (US).

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

(72, 75) XU, Jiangchun [US/US]; 15805 S.E. 43rd Place, Bellevue, WA 98006 (US). DILLON, Davin, C. [US/US]; 18112 N.W. Montreux Drive, Issaquah, WA 98027 (US). MITCHAM, Jennifer, L. [US/US]; 16677 N.E. 88th Street, Redmond, WA 98052 (US). HARLOCKER, Susan, L. [US/US]; 7522 13th Avenue W., Seattle, WA 98117 (US). JIANG, Yuqiu [CN/US]; 5001 S. 232nd Street, Kent, WA 98032 (US). KALOS, Michael, D. [US/US]; 8116 Dayton Avenue N., Seattle, WA 98103 (US). FANGER, Gary, Richard [US/US]; 15906 29th Drive S.E., Mill Creek, WA 98012 (US). RETTER, Marc, W. [US/US]; 33402 N.E. 43rd Place, Carnation, WA 98104 (US). STOLK, John, A. [US/US]; 7436 N.E. 144th Place, Bothell, WA 98011 (US). DAY, Craig, H. [US/US]; 11501 Stone Avenue N., C122, Seattle, WA 98133 (US). VEDVICK, Thomas, S. [US/US]; 124 S. 300th Place, Federal Way, WA 98003 (US). CARTER, Darrick [US/US]; 321 Summit Avenue E., Seattle,

WA 98102 (US). LI, Samuel, X. [US/US]; 3608 175th Court N.E., Redmond, WA 98052 (US). WANG, Aijun [CN/US]; 3106 213th Place S.E., Issaquah, WA 98029 (US). SKEIKY, Yasir, A., W. [LB/US]; 15106 S.E. 47th Place, Bellevue, WA 98006 (US). HEPLER, William, T. [US/US]; 12034 38th Avenue N.E., Seattle, WA 98125 (US). HENDERSON, Robert, A. [US/US]; 8904 192nd Street S.W., Edmonds, WA 98026 (US).

(74) POTTER, Jane, E., R.; Seed Intellectual Property Law Group PLLC, Suite 6300, 701 Fifth Avenue, Seattle, WA 98104-7092 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/12, 15/62, 15/86, C07K 14/78, 16/18, A61K 38/39, A01K 67/027

(11) WO 01/73033 (13) A2

(21) PCT/US01/09921

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,875 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ANTI-ANGIOGENIC AND ANTI-TUMOR PROPERTIES OF MATIN AND OTHER LAMININ DOMAINS

• PROPRIETES ANTI-ANGIOGENIQUES ET ANTI-TUMORALES DE LA PROTEINE MATIN ET D'AUTRES DOMAINES DE LA LAMININE

(71) BETH ISRAEL DEACONESS MEDICAL CENTER [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).

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

(72, 75) KALLURI, Raghuram [US/US]; 28 Holyoke Street, Boston, MA 02116 (US).

(74) HOGLE, Doreen, M. et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/16, C07K 14/575, C12N 5/10, 1/21, C07K 16/26, G01N 33/68, A61K

39/395, 38/22, 31/7088, C12N 15/62, A01K 67/027

(11) WO 01/73034 (13) A2

(21) PCT/US01/09999

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,654 28 Mar/mar 2000 US (28.03.2000)

(30) 60/199,211 24 Apr/avr 2000 US (24.04.2000)

(30) 09/723,970 27 Nov/nov 2000 US (27.11.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BETA-LIKE GLYCOPROTEIN HORMONE POLYPEPTIDE AND HETERO-DIMER

• HETERODIMERE ET POLYPEPTIDE D'HORMONE DE GLYCOPROTEINE DE TYPE BETA

(71) AMGEN INC. [US/US]; One Amgen Center Drive, Thousand Oaks, CA 91320-1799 (US).

(72) PASZTY, Christopher, J., R.; 1027 Westridge Drive, Ventura, CA 93003 (US). CAO, Jin; 5731 Etiwanda Avenue #5, Tarzana, CA 91356 (US). DANILENKO, Dimitry, Michael; 750 Rolling Oaks Drive, Thousand Oaks, CA 91361 (US). GONG, Jianhua; 2489 Girlington Circle, Thousand Oaks, CA 91362 (US). HILL, David, C.; 998 Calle Castano, Thousand Oaks, CA 91360 (US).

(74) ODRE, Steven, M. et al. / etc.; Amgen Inc., One Amgen Center Drive, Mail Stop 27-4-A, Thousand Oaks, CA 91320-1799 (US).

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

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

(51)⁷ C12N 15/24, A61K 39/395, 38/20, 48/00, A61P 3/10

(11) WO 01/73035 (13) A1

(21) PCT/AU01/00340

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) PQ 6466 27 Mar/mar 2000 AU (27.03.2000)

(30) 60/204,366 15 May/mai 2000 US (15.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A METHOD FOR SCREENING FOR AUTOIMMUNE DISEASE BY IDENTIFYING POLYMORPHISMS IN IL-12 p40

• PROCEDE DE DEPISTAGE DE MALADIES AUTO-IMMUNES PAR IDENTIFICATION DE POLYMORPHISMES DANS L'IL-12 P40

- (71) **THE WALTER AND ELIZA HALL INSTITUTE OF MEDICAL RESEARCH** [AU/AU]; Royal Parade, Parkville, VIC 3052 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORAHAN, Grant** [AU/AU]; 258 McKean Street, North Fitzroy, VIC 3068 (AU).
- (74) **OBANOVICH, Tania, D.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/29, 15/63, 5/04, C07K 14/415, 16/16**
- (11) **WO 01/73036** (13) A1
- (21) PCT/JP01/02770
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-101276 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● GENE CONCERNING BRASSINOSTEROID-SENSITIVITY OF PLANTS AND UTILIZATION THEREOF
- GENE CONCERNANT LA SENSIBILITE DES PLANTES AUX BRASSINOSTEROIDES ET UTILISATION ASSOCIEE
- (71) **NATIONAL INSTITUTE OF AGROBIOLOGICAL SCIENCES** [JP/JP]; 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP).
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- (72, 75) **TANAKA, Hiroshi** [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). **KAYANO, Toshiaki** [JP/JP]; c/o National Institute of Agrobiological Sciences, 2-1-2, Kannondai, Tsukuba-shi, Ibaraki 305-8602 (JP). **MATSUOKA, Makoto** [JP/JP]; c/o Nagoya University BioScience Center, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 464-0814 (JP).
- (74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building 6F, 1-1-1, Oroshi-machi, Tsuchiura-shi, Ibaraki 300-0847 (JP).
- (81) AU CA CN JP KR US.
- (84) EP (CH DE FR GB IT NL).
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- (51)⁷ **C12N 15/31, 15/74, 1/21, C07K 14/315, 16/12, C12N 5/12, C12Q 1/68, G01N 33/569, A61K 48/00, 39/09**
- (11) **WO 01/73037** (13) A2
- (21) PCT/EP01/03618
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 00 106 818.8 **30 Mar/mar 2000 EP (30.03.2000)**
- (30) 00 122 620.8 **17 Oct/oct 2000 EP (17.10.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● R5 PROTEIN, A CELL-SURFACE PROTECTIVE ANTIGEN OF GROUP B STREPTOCOCCI
- PROTEINE R5, ANTIGENE DE PROTECTION DE LA SURFACE DE LA CELLULE DES STREPTOCOQUES DU GROUPE B
- (71) **GESELLSCHAFT FÜR BIOTECHNOLOGISCHE FORSCHUNG MBH (GBF)** [DE/DE]; Mascheroder Weg 1, 33124 Braunschweig (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CHHATWAL, Gursharan, S.** [DE/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE). **ERDOGAN, Sezgin** [TR/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE). **FAGAN, Peter, K.** [AU/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE). **GUZMÁN, Carlos, A.** [IT/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE). **TALAY, Susanne, R.** [DE/DE]; Mascheroder Weg 1, 38124 Braunschweig (DE).
- (74) **BOETERS, Hans** et al. / etc.; Boeters & Bauer, Bereiteranger 15, 81541 München (DE).
- (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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/31, 15/52, 15/53, 9/00, 9/02, 1/21, C07K 14/21, C12P 13/00, 13/04, C12R 1/38 // (C12P 13/00, C12R 1:38) (C12P 13/04, C12R 1:38)**
- (11) **WO 01/73038** (13) A2
- (21) PCT/EP01/03651
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) de (26) de
- (30) 00106888.1 **31 Mar/mar 2000 EP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD FOR THE BIOTECHNOLOGICAL PRODUCTION OF L-ALANINOL
- PROCEDE DE PRODUCTION DE L-ALANINOL PAR VOIE BIOTECHNOLOGIQUE
- (71) **LONZA AG** [CH/CH]; Münchensteinerstrasse 38, CH-4052 Basel (CH).
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- (72, 75) **LEISINGER, Thomas** [CH/CH]; Zürichbergstrasse 7, CH-8032 Zürich (CH).
- VAN DER PLOEG, Jan** [NL/CH]; Culmannstrasse 67, CH-8006 Zürich (CH). **KIENER, Andreas, M.** [CH/CH]; Gruppenuweg 19, CH-3911 Ried-Brig (CH). **DE AZEVEDO WÄSCH, Susana, Ivone** [DE/CH]; Zeunerstrasse 17, CH-8037 Zürich (CH). **MAIRE, Tere** [FR/FR]; Résidence la Clairière, 441, rue du pré aux clercs, 34090 Montpellier (FR).
- (74) **LONZA AG**; Münchensteinerstrasse 38, CH-4052 Basel (CH).
- (81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12N 15/31, 15/54, 1/20, 9/12, A23C 9/12, 19/00, C07K 14/335 // C12R 1/245**
- (11) **WO 01/73039** (13) A1
- (21) PCT/EP01/03951
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) en (26) en
- (30) 00400894.2 **31 Mar/mar 2000 EP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● MUTANTS OF *LACTOBACILLUS CASEI* DEFECTIVE IN CARBON CATABOLISM REGULATION
- MUTANTS DE *LACTOBACILLUS CASEI* DEFICIENTS DANS LA REGULATION DU CATABOLISME DU CARBONE
- (71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3, rue Michel-Ange, F-75016 Paris (FR). **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS (CSIC)** [ES/ES]; Calle Serrano, 117, E-28006 Madrid (ES). **COMPAGNIE GERVAIS DANONE** [FR/FR]; 126, Rue Jules Guesde, F-92302 Levallois-Perret (FR).
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- (72, 75) **DEUTSCHER, Josef** [AT/FR]; 27, Rue Mozart, F-78330 Fontenay Le Fleury (FR). **PEREZ MARTINEZ, Gaspar** [ES/ES]; Avenida Cataluna, 1, E-46010 Valencia (ES). **MONEDERO GARCIA, Vicente** [ES/ES]; José Esteve, 2, E-46019 Valencia (ES). **VIANA BALLESTER, Rosa** [ES/ES]; Avenida Baron de Cancer, 46, F-46001 Valencia (FR). **BENBADIS, Laurent** [FR/FR]; 7, avenue de Provence, F-92160 Antony (FR). **PIERSON, Anne** [FR/FR]; 35, rue Boucicaud, F-92260 Fontenay-aux-Roses (FR). **FAURIE, Jean-Michel** [FR/FR]; 3, rue Lamartine, F-78350 Jouy-en-Josas (FR).
- (74) **VIALLE-PRESLES, Marie-José** et al. / etc.; Cabinet Orés, 6, avenue de Messine, 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 EE ES FI GB GD GE GH GM HR

HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/31, C07K 14/33, C12N 15/63, G01N 33/68, C07K 16/12, A61K 39/08, 48/00, 39/40

(11) WO 01/73040 (13) A1

(21) PCT/GB01/01305

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 0007263.7 24 Mar/mar 2000 GB (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CLOSTRIDIUM DIFFICILE POLYPEPTIDES AND USES THEREOF

● POLYPEPTIDES DE CLOSTRIDIUM DIFFICILE ET LEUR UTILISATION

(71) IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDICINE [GB/GB]; Sheffield Building, Exhibition Road, London SW7 2AZ (GB).

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

(72, 75) FAIRWEATHER, Neil, Fraser [GB/GB]; Department of Biochemistry, Imperial College of Science, Technology and Medici, ne, London SW7 2AY (GB). CALABI, Emanuela [IT/GB]; Department of Biochemistry, Imperial College of Science, Technology and Medici, ne, London SW7 2AY (GB).

(74) HARDING, Charles, Thomas et al. / etc.; D Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/52, 9/00, C07K 14/435, A61K 38/43

(11) WO 01/73041 (13) A1

(21) PCT/CN01/00425

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15151.7 27 Mar/mar 2000 CN (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN DNA LIGASE 15 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, ADN LI-GASE HUMAINE 15, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) for the following designations / pour les désignations suivantes : AE AG AL AM ATAU AZ BA BB BG BR BY BZ CA CH CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 C12N 15/52, 9/00, C07K 14/435, A61K 38/43

(11) WO 01/73042 (13) A1

(21) PCT/CN01/00512

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15274.2 29 Mar/mar 2000 CN (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN RNA UNCOILING ENZYME 38 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, ARN-HELICASE HUMAINE 38, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 61 Nanjing Road (E), 11th floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(51)⁷ C12N 15/52, 9/00, 15/10, C07K 16/40, C12Q 1/68, G01N 33/50

(11) WO 01/73043 (13) A2

(21) PCT/US01/08757

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en (26) en

(30) 60/191,781 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● 32451, A NOVEL HUMAN UBIQUITIN CONJUGATING ENZYME-LIKE MOLECULE AND USES THEREOF

● 32451, NOUVELLE UBIQUITINE HUMAINE SE CONJUGUANT A UNE MOLECULE DE TYPE ENZYMATIQUE ET SES UTILISATIONS

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sydney Street, Cambridge, MA 02139 (US).

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

(72, 75) KAPPELLER-LIBERMANN, Rosana [BR/US]; 86 Beacon Street, Chestnut Hill, MA 02467 (US).

(74) KRON, Eric, J. 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 AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/53, 9/04, C07K 14/435, A61K 38/44

(11) WO 01/73044 (13) A1

(21) PCT/CN01/00383

(22) 23 Mar/mar 2001 (23.03.2001)

(25) zh (26) zh

(30) 00 1 15097.9 24 Mar/mar 2000 CN (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN 2-HYDROXY ACID DEHYDROGENASE 8 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, 2-HYDROXY ACIDE DESHYDROGENASE HUMAINE 8, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

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

(u) for / pour US only / seulement

(51)⁷ C12N 15/53, 9/02, C07K 14/435, A61K 38/44

(11) WO 01/73045 (13) A1

(21) PCT/CN01/00450

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15242.4 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN QUINOPROTEIN REDUCTASE 10 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, QUININE REDUCTASE HUMAINE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ C12N 15/53, 9/02, C07K 14/435, A61K 38/44

(11) WO 01/73046 (13) A1

(21) PCT/CN01/00452

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15253.X 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN QUINOPROTEIN REDUCTASE 13 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, QUININE REDUCTASE HUMAINE 13, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU

ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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; (t) for the following designation / pour la désignation suivante : US

(u) for / pour US only / seulement

(51)⁷ C12N 15/53, 9/02, C07K 14/435, A61K 38/44

(11) WO 01/73047 (13) A1

(21) PCT/CN01/00473

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15218.1 28 Mar/mar 2000 CN (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NOVEL POLYPEPTIDE, A HUMAN COPPER/ZINC SUPEROXIDE DISMUTASE 17 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

● NOUVEAU POLYPEPTIDE, SUPEROXYDE DISMUTASE HUMAINE A CUIVRE ET A ZINC 17, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DEVELOPMENT INC. [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). XIE, Yi [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT AGENCY; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 AP (GH GM

KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN 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 C12N 15/54, 9/12, 15/66, 15/10, C07K 16/40, A61K 31/70, 38/45, 39/395, C12Q 1/68, 1/48, G01N 33/577

- (11) WO 01/73048 (13) A2
(21) PCT/IL01/00287
(22) 28 Mar/mar 2001 (28.03.2001)
(25) en (26) en
(30) 135310 28 Mar/mar 2000 US (28.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • PI3K - REGULATORY SUBUNIT HOMOLOGUE
• HOMOLOGIE DES SOUS-UNITES REGULATRICES DE PI3K

(71) COMPUGEN LTD. [IL/IL]; 72 Pinchas Rozen Street, 69512 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) AZAR, Idit [IL/IL]; Hankin Street 2, 76354 Rehovot (IL). LEVINE, Zurit [IL/IL]; Hakozrim Street 5, 46360 Herzliya (IL). BERNSTEIN, Jeanne [IL/IL]; Harimon Street 23, 40300 Kfar Yona (IL). SAVITZKY, Kinneret [IL/IL]; Metodela Street 44, 69548 Tel Aviv (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/54, 9/10, 5/10, C07K 16/40, G01N 33/68, C12Q 1/68, A61K 39/395, 31/7088

- (11) WO 01/73049 (13) A2
(21) PCT/US01/09358
(22) 22 Mar/mar 2001 (22.03.2001)
(25) en (26) en
(30) 60/191,964 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • 33877 AND 47179, NOVEL HUMAN GLYCOSYL TRANSFERASE FAMILY MEMBERS AND USES THEREOF
• 33877 ET 47179, NOUVEAUX MEMBRES DE LA FAMILLE DE GLYCOSYLTRANSFERASE HUMAINE ET LEUR UTILISATION

(63) US 60/191,964 (CIP)
24 Mar/mar 2000 (24.03.2000)

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEYERS, Rachel, A. [US/US]; 115 Devonshire Road, Newton, MA 02468 (US).

(74) COLLAZO, Diana, M. et al. / etc.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/54, 9/12, 15/62, C07K 16/40, C12Q 1/68, 1/48

- (11) WO 01/73050 (13) A2
(21) PCT/US01/09483
(22) 23 Mar/mar 2001 (23.03.2001)
(25) en (26) en
(30) 60/191,846 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • 3714, 16742, 23546, AND 13887 NOVEL PROTEIN KINASE MOLECULES AND USES THEREFOR
• 3714, 16742, 23546, ET 13887 NOUVELLES MOLECULES DE PROTEINE KINASE ET LEURS UTILISATIONS

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 01239 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEYERS, Rachel [US/US]; 115 Devonshire Road, Newton, MA 02468 (US).

(74) FAVORITO, Carolyn, A. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/54, 5/10, 9/10, C07K 14/60, G01N 33/573, C12Q 1/68, A61K 38/00, A61P 35/00

- (11) WO 01/73051 (13) A2
(21) PCT/US01/09633

(22) 26 Mar/mar 2001 (26.03.2001)
(25) en (26) en
(30) 60/192,092 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • 46743 AND 27417, NOVEL HUMAN ACYLTRANSFERASE FAMILY MEMBERS AND USES THEREFOR
• 46743 ET 27417, NOUVEAUX MEMBRES DE LA FAMILLE ACYLTRANSFERASE HUMAINE

(63) US 60/192,092 (CIP)
24 Mar/mar 2000 (24.03.2000)

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MEYERS, Rachel, A. [US/US]; 115 Devonshire Road, Newton, MA 02468 (US). RUDOLPH-OWEN, Laura [US/US]; 186 Arbor Way, #1, Jamaica Plain, MA 02130 (US). MACBETH, Kyle, J. [US/US]; 65 Worcester Street, #3, Boston, MA 02118 (US). TSAI, Fong-Ying [—/—]; 15 Montclair Road, Newton, MA 02468 (US). WILLIAMSON, Mark [US/US]; 15 Stonecrest Drive, Saugus, MA 01906 (US).

(74) MYERS, Louis et al. / etc.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (m)

(51)⁷ C12N 15/54, 15/61, 15/31, 15/70, 9/90, 9/12, 1/21, C07K 14/195, 16/40

- (11) WO 01/73052 (13) A2
(21) PCT/US01/09950
(22) 28 Mar/mar 2001 (28.03.2001)
(25) en (26) en
(30) 60/192,736 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL THERMOPHILIC POLYMERASE III HOLOENZYME
• NOUVELLE POLYMÉRISE III HOLOENZYME THERMOPHILE

(71, 72) MCHENRY, Charles, S. [US/US]; 191 University Boulevard #305, Denver, CO 80206 (US).

(74) GOLDSTEIN, Jorge, A. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ C12N 15/55, C07K 14/47

(11) WO 01/73053 (13) A1

(21) PCT/CN01/00323

(22) 16 Mar/mar 2001 (16.03.2001)

(25) zh (26) zh

(30) 00 1 14984.9 17 Mar/mar 2000 CN
(17.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE-HUMAN
PHOSPHOLIPASE 13 AND THE
POLYNUCLEOTIDE ENCODING SAID
POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PHOS-
PHOLIPASE HUMAINE 13, ET PO-
LYNUCLEOTIDE CODANT POUR CE
POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT
INC. SHANGHAI [CN/CN]; 12F, 3rd Build-
ing, 1111 Zhongshan Bei Er Rd, Shanghai
200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12F, 3rd Build-
ing, 1111 Zhongshan Bei Er Rd, Shanghai
200092 (CN). XIE, Yi [CN/CN]; 12F, 3rd
Building, 1111 Zhongshan Bei Er Rd, Shang-
hai 200092 (CN).

(74) WATSON & BAND LAW OFFICES; 61
Nanjing Rd (E), 11th Floor, Shanghai 200002
(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 EE ES FI GB GD GE GH GM HR HU
ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

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

(51)⁷ C12N 15/55, 9/14, C07K 14/435, A61K
38/46

(11) WO 01/73054 (13) A1

(21) PCT/CN01/00421

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15157.6 27 Mar/mar 2000 CN
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN
DIHYDROOROTASE 11 AND THE

POLYNUCLEOTIDE ENCODING THE
POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, DIHY-
DROOROTASE HUMAINE 11, ET PO-
LYNUCLEOTIDE CODANT POUR CE
POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DE-
VELOPMENT INC. [CN/CN]; 12th Floor,
3rd Building, 1111 Zhongshan Bei Er Road,
Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th floor, 3rd
Building, 1111 Zhongshan Bei Er Road,
Shanghai 200092 (CN). XIE, Yi [CN/CN];
12th floor, 3rd Building, 1111 Zhongshan Bei
Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT
AGENCY; 319 Yue Yang Road, Shang-
hai 200031 (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 EE ES FI GB GD GE GH GM HR HU
ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les
designations sauf US

(t) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU AZ

BA BB BG BR BY BZ CA CH CO CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW SD SL SZ TZ UG ZW) EA (AM AZ
BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
OA (BF BJ CF CG CI CM GA GN 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 C12N 15/55, 9/14, C07K 14/435, A61K
38/46

(11) WO 01/73055 (13) A1

(21) PCT/CN01/00478

(22) 26 Mar/mar 2001 (26.03.2001)

(25) zh (26) zh

(30) 00 1 15197.5 28 Mar/mar 2000 CN
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN
PHOSPHATIDIC ACID PHOSPHATASE
2-12 AND THE POLYNUCLEOTIDE
ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, PHOS-
PHATIDYL PHOSPHATASE HUMAINE
2-12, ET POLYNUCLEOTIDE CODANT
POUR CE POLYPEPTIDE

(71) SHANGHAI BIOWINDOW GENE DE-
VELOPMENT INC. [CN/CN]; 12th Floor,
3rd Building, 1111 Zhongshan Bei Er Road,
Shanghai 200092 (CN).

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

(72, 75) MAO, Yumin [CN/CN]; 12th floor, 3rd
Building, 1111 Zhongshan Bei Er Road,

Shanghai 200092 (CN). XIE, Yi [CN/CN];
12th Floor, 3rd Building, 1111 Zhongshan
Bei Er Road, Shanghai 200092 (CN).

(74) SHANGHAI HUA DONG PATENT
AGENCY; 319 Yue Yang Road, Shang-
hai 200031 (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 EE ES FI GB GD GE GH GM HR HU
ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les
designations sauf US

(t) for the following designations / pour les
designations suivantes : AE AG AL AM AT AU AZ

BA BB BG BR BY BZ CA CH CO CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MA MD MG MK MN MW MX MZ
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM
TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM
KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ
BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE
DK ES FI FR GB GR IE IT LU MC NL PT SE TR)
OA (BF BJ CF CG CI CM GA GN 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 C12N 15/55, 15/11, 9/86, C12Q 1/68,
G01N 33/68, A61K 31/713, 48/00

(11) WO 01/73056 (13) A2

(21) PCT/EP01/03427

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,364 27 Mar/mar 2000 US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REGULATION OF HUMAN OXOPRO-
LINASE-LIKE ENZYME

• REGULATION DE L'ENZYME HU-
MAINE ANALOGUE A OXOPROLI-
NASE

(71) BAYER AKTIENGESELLSCHAFT
[DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) RAMAKRISHNAN, Shyam [IN/US];
76 Euston Road, Apt. #10, Brighton, MA
02135 (US).

(74) BAYER AKTIENGESELLSCHAFT;
51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ C12N 15/55, 15/63, 5/10, 1/21, 9/14, C07K 16/40, C12Q 1/68, 1/44, G01N 33/68, 33/53

(11) WO 01/73057 (13) A1

(21) PCT/US01/08525

(22) 15 Mar/mar 2001 (15.03.2001)

(25) en (26) en

(30) 60/192,018 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● 19053, A NOVEL ATPASE-LIKE MOLECULE AND USES THEREOF

● NOUVELLE MOLECULE DU TYPE ATPASE APPELEE 19053 ET SES UTILISATIONS

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sydney Street, Cambridge, MA 02139 (US).

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

(72, 75) KAPPELLER-LIBERMANN, Rosana [BR/US]; 86 Beacon Street, Chestnut Hill, MA 02467 (US).

(74) WILLIAMSON, Kelly, J. 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 AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/55, 9/16, 1/21, 5/10, C12Q 1/44, 1/68, C07K 16/40

(11) WO 01/73058 (13) A2

(21) PCT/US01/08610

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en (26) en

(30) 60/191,790 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● 33338, A NOVEL HUMAN UBIQUITIN HYDROLASE-LIKE MOLECULE AND USES THEREOF

● 33338, NOUVELLE MOLECULE HUMAINE DU TYPE UBIQUITINE HYDROLASE ET UTILISATIONS CORRESPONDANTES

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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

(72, 75) KAPPELLER-LIBERMANN, Rosana [BR/US]; 86 Beacon Street, Chestnut Hill, MA 02467 (US).

(74) SPRUILL, W., Murray 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 AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/55, 15/62, 9/16, C07K 16/40, C12Q 1/68, 1/42, G01N 33/53, A61K 38/46, 31/70, 39/395

(11) WO 01/73059 (13) A2

(21) PCT/US01/09477

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,858 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● 38692 AND 21117, NOVEL DUAL SPECIFICITY PHOSPHATASE MOLECULES AND USES THEREFOR

● 38692 ET 21117, NOUVELLES MOLECULES DE PHOSPHATASE A DOUBLE SPECIFICITE ET LEURS UTILISATIONS

(63) US 60/191,858 (CIP) 24 Mar/mar 2000 (24.03.2000)

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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(72, 75) MEYERS, Rachel, A. [US/US]; 115 Devonshire Road, Newton, MA 02468 (US).

(74) COLLAZO, Diana, M. et al. / etc.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/55, 9/16, 5/10, C07K 16/40, G01N 33/68, C12Q 1/68, 1/42, A61K 39/395, 31/7088

(11) WO 01/73060 (13) A2

(21) PCT/US01/09603

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(30) 60/191,858 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● 18221, A NOVEL DUAL SPECIFICITY PHOSPHATASE AND USES THEREOF

● 18221, NOUVEAU PHOSPHATASE A SPECIFICITE DOUBLE ET SES UTILISATIONS

(63) US 60/191,858 (CIP) 24 Mar/mar 2000 (24.03.2000)

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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

(72, 75) MEYERS, Rachel, A. [US/US]; 115 Devonshire Road, Newton, MA 02468 (US).

(74) COLLAZO, Diana, M. et al. / etc.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/57, C07K 14/745

(11) WO 01/73061 (13) A1

(21) PCT/CN01/00275

(22) 26 Feb/fév 2001 (26.02.2001)

(25) zh (26) zh

(30) 00 1 11844.7 2 Mar/mar 2000 CN (02.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● NOVEL POLYPEPTIDE - A HUMAN RETINOBLASTOMA PROTEIN 22 AND POLYNUCLEOTIDE ENCODING IT

● NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 22 DU RETINOBLASTOME, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(74) **WATSON & BAND LAW OFFICES**; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (CN).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ C12N 15/57, C07K 14/745

(11) **WO 01/73062** (13) A1

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(22) **16 Mar/mar 2001 (16.03.2001)**

(25) zh (26) zh

(30) 00 1 14971.7 **17 Mar/mar 2000 CN (17.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE--- A PROSTATE SPECIFIC MEMBRANE ANTIGEN 18 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, ANTI-GÈNE PROSTATIQUE SPECIFIQUE MEMBRANAIRE 18, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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Declarations / Déclarations :

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(51)⁷ C12N 15/57, C07K 14/745

(11) **WO 01/73063** (13) A1

(21) PCT/CN01/00385

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15099.5 **24 Mar/mar 2000 CN (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE---A HUMAN HEXOSE KINASE 13 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE HEXOKINASE 13, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

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(t) for the following designation / pour la désignation suivante : US; (t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG)

(u) for / pour US only / seulement

(51)⁷ C12N 15/57, C07K 14/745

(11) **WO 01/73064** (13) A1

(21) PCT/CN01/00387

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15101.0 **24 Mar/mar 2000 CN (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE, A MICROTUBULIN HELPER FACTOR 9 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, COFACTEUR TUBULINE 9, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(54) • NOVEL POLYPEPTIDE, A MICROTUBULIN HELPER FACTOR 9 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, COFACTEUR TUBULINE 9, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12th floor, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, N° 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C12N 15/57, C07K 14/745

(11) **WO 01/73065** (13) A1

(21) PCT/CN01/00389

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) zh (26) zh

(30) 00 1 15104.5 **24 Mar/mar 2000 CN (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE--- A HUMAN RIBOSE PHOSPHATE GLYCINE AMIDE SYNTHETASE 12 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, GLYCINAMIDE RIBONUCLEOTIDE SYNTHETASE HUMAINE 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C12N 15/57, 9/64, C07K 14/435, A61K 38/48

(11) **WO 01/73066** (13) A1

(21) PCT/CN01/00446

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15244.0 **28 Mar/mar 2000 CN (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NOVEL POLYPEPTIDE, A HUMAN ATP DEPENDENT SERINE HYDROLASE 10.1 AND THE POLYNUCLEOTIDE ENCODING THE POLYPEPTIDE

• NOUVEAU POLYPEPTIDE, SERINE HYDROLASE ATP-DEPENDANTE HUMAINE 10.1, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C12N 15/57, C07K 14/745

(11) **WO 01/73067** (13) A1

(21) PCT/CN01/00475

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15290.4 **29 Mar/mar 2000 CN (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE --- A HUMAN FORMIN PROTEIN 12 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, THOMBOPLASTINE HUMAINE 12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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

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(51)⁷ C12N 15/57, C07K 14/745

(11) **WO 01/73068** (13) A1

(21) PCT/CN01/00495

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15143.6 **27 Mar/mar 2000 CN (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE - A LINE 1-12 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, L1-12, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN).

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(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

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(u) for / pour US only / seulement

(51)⁷ C12N 15/57, C07K 14/745

(11) **WO 01/73069** (13) A1

(21) PCT/CN01/00497

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15145.2 **27 Mar/mar 2000 CN (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE-A HUMAN TUMOR RELATED NUCLEOPROTEIN 12 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE 12 ASSOCIEE AUX TUMEURS, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(u) for / pour US only / seulement

(51)⁷ C12N 15/57, C07K 14/745

(11) **WO 01/73070** (13) A1

(21) PCT/CN01/00499

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15138.X **27 Mar/mar 2000 CN (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE--- A RJS RELATED PROTEIN 94 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, PROTEINE HUMAINE ASSOCIEE AU RJS, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **SHANGHAI BIOWINDOW GENE DEVELOPMENT INC.** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12th Floor, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **SHANGHAI HUA DONG PATENT AGENCY**; 319 Yue Yang Road, Shanghai 200031 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 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 C12N 15/57, C07K 14/745

(11) **WO 01/73071** (13) A1

(21) PCT/CN01/00501

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15289.0 **29 Mar/mar 2000 CN (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE--- A HUMAN ALDEHYDE/KETONE REDUCTASE 10 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, ALDEHYDE/CETONE REDUCTASE HUMAINE 10, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 3rd Building, 12th floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 3rd Building, 12th Floor, 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 11th Floor, 61 Nanjing Road (E), Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C12N 15/57, C07K 14/745

(11) **WO 01/73072** (13) A1

(21) PCT/CN01/00503

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) zh (26) zh

(30) 00 1 15286.6 **29 Mar/mar 2000 CN (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NOVEL POLYPEPTIDE--- A HUMAN MOLECULAR CHAPERONE 18 AND POLYNUCLEOTIDE ENCODING IT

• NOUVEAU POLYPEPTIDE, CHAPERONINE HUMAINE 18, ET POLYNUCLEOTIDE CODANT POUR CE POLYPEPTIDE

(71) **BIOWINDOW GENE DEVELOPMENT INC. SHANGHAI** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Road, Shanghai 200092 (CN).

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(72, 75) **MAO, Yumin** [CN/CN]; 12F, 3rd Building, No. 1111 Zhongshan Bei Er Rd, Shanghai 200092 (CN). **XIE, Yi** [CN/CN]; 12F, 3rd Building, No. 1111, Zhongshan Bei Er Road, Shanghai 200092 (CN).

(74) **WATSON & BAND LAW OFFICES**; 61 Nanjing Rd (E.), 11th Floor, Shanghai 200002 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(u) for / pour US only / seulement

(51)⁷ C12N 15/57, 9/64, 1/21, 5/10, C12Q 1/68, 1/37, A61K 48/00

(11) **WO 01/73073** (13) A2

(21) PCT/EP01/03428

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,571 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REGULATION OF HUMAN NEUTRAL PROTEASE-RELATED ENZYME

• REGULATION D'ENZYMES APPARENTES A DES PROTEASES NEUTRES HUMAINES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; 51368 Leverkusen (DE).

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(72, 75) **LIU, Jiing-Ren** [CN/US]; 10 Winslow Road, Belmont, MA 02478 (US).

(74) **BAYER AKTIENGESELLSCHAFT**; 51368 Leverkusen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/57, 9/76, 5/10, C07K 16/40, G01N 33/573, C12Q 1/68, 1/37

(11) WO 01/73074 (13) A2

(21) PCT/US01/09589

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 60/191,789 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • 18806, A NOVEL TRYPSIN SERINE PROTEASE-LIKE MOLECULE AND USES THEREOF

• 18806, UNE NOUVELLE MOLECULE DE TYPE SERINE-PROTEASE DE TRYPSINE ET SES UTILISATIONS

(71) MILLENNIUM PHARMACEUTICALS, INC. [US/US]; 75 Sidney Street, Cambridge, MA 02139 (US).

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

(72, 75) KAPELLER-LIBERMANN, Rosana [BR/US]; 86 Beacon Street, Chestnut Hill, MA 02467 (US).

(74) WILLIAMSON, Kelly, J. 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 EE ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG); 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 GW ML MR NE SN TD TG).

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

(51)⁷ C12N 15/60, 9/88, 15/63, 5/10, C12Q 1/527, C12P 7/04, 7/24

(11) WO 01/73075 (13) A2

(21) PCT/IB01/00499

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 09/537,357 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MUSKMELON CUCUMIS MELO HYDROPEROXIDE LYASE AND USES THEREOF

• HYDROPEROXYDE LYASE DU MELON BRODE CUCUMIS MELO ET UTILISATIONS ASSOCIEES

(71) FIRMENICH S.A. [CH/CH]; P.O. Box 239, 1, route des Jeunes, CH-1211 Geneva 8 (CH). VANDERBILT UNIVERSITY [US/US]; 305 Kirkland Hall, Nashville, TN 37240 (US).

(72) BRASH, Alan, R.; 1105 Holly Tree Farms, Brentwood, TN 37027 (US). TI-JET, Nathalie; Apartment 33202, 3750 East Via Palomita, Tucson, AZ 85718 (US). WHITEHEAD, Ian, M.; 19 Almond Street, Singapore 677861 (SG).

(74) SALVATERRA-GARCIA, Maria de Lurdes; Firmenich S.A., 1, Route des Jeunes, P.O. Box 239, CH-1211 Geneva 8 (CH).

(81) JP.

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

(51)⁷ C12N 15/61, 9/90, G01N 33/573, A61K 38/52

(11) WO 01/73076 (13) A2

(21) PCT/EP01/03659

(22) 30 Mar/mar 2001 (30.03.2001)

(25) en (26) en

(30) 00106927.7 31 Mar/mar 2000 EP (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HELICASE INHIBITORS
• INHIBITEURS D'HELICASE

(71, 72) SAENGER, Wolfram [DE/DE]; Türksteinweg 39, 14167 Berlin (DE).

(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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/61, 15/70, 9/90, A61K 31/713, C12Q 1/68, G01N 33/68

(11) WO 01/73077 (13) A2

(21) PCT/EP01/03668

(22) 30 Mar/mar 2001 (30.03.2001)

(25) en (26) en

(30) 60/193,748 31 Mar/mar 2000 US (31.03.2000)

(30) 60/194,249 3 Apr/avr 2000 US (03.04.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REGULATION OF HUMAN SERINE RACEMASE ENZYME

• REGULATION DE SERINE RACEMASE HUMAINE

(71) BAYER AKTIENGESELLSCHAFT [DE/DE]; 51368 Leverkusen (DE).

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

(72, 75) RAMAKRISHNAN, Shyam [IN/US]; Apartment #10, 76 Euston Road, Brighton, MA 02135 (US).

(74) BAYER AKTIENGESELLSCHAFT; 51368 Leverkusen (DE).

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

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

(51)⁷ C12N 15/62, A61K 31/713

(11) WO 01/73078 (13) A1

(21) PCT/AU01/00353

(22) 30 Mar/mar 2001 (30.03.2001)

(25) en (26) en

(30) PQ 6616 31 Mar/mar 2000 AU (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A NUCLEIC ACID CONSTRUCT ENCODING A PROCESSING COMPONENT DERIVED FROM THE N-TERMINAL REGION OF THE HEPATITIS VIRUS ORF2, AND AN ANTIGENIC POLYPEPTIDE

• CONSTRUCTION D'ACIDE NUCLEIQUE CODANT UN CONSTITUANT DE TRAITEMENT DERIVE DE LA REGION N-TERMINALE DE ORF2 DU VIRUS DE L'HEPATITE, ET POLYPEPTIDE ANTIGENIQUE

(71) MACFARLANE BURNET CENTRE FOR MEDICAL RESEARCH LIMITED [AU/AU]; Yarra Bend Road, Fairfield, VIC 3078 (AU).

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

(72, 75) LI, Fan [AU/AU]; 12 Lachlan Grange, Bulleen, VIC 3105 (AU). ANDERSON, David, Andrew [AU/AU]; 64 Edward Street, Brunswick, VIC 3056 (AU). PURCELL, Damian, Francis, John [AU/AU]; 6 Musca Street, Balwyn North, VIC 3104 (AU).

(74) HUGHES, E., John, L. et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, VIC 3001 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ C12N 15/62, 9/22, 9/24, 9/90, C12Q 1/68
(11) WO 01/73079 (13) A2
(21) PCT/US01/09700
(22) 26 Mar/mar 2001 (26.03.2001)
(25) en (26) en
(30) 60/192,764 28 Mar/mar 2000 US (28.03.2000)
(30) 09/650,855 29 Aug/août 2000 US (29.08.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● CHIMERIC PROTEINS FOR DETECTION AND QUANTITATION OF DNA MUTATIONS, DNA SEQUENCE VARIATIONS, DNA DAMAGE AND DNA MISMATCHES
● PROTEINES CHIMERES PERMETTANT DE DETECTER ET DE QUANTIFIER DES MUTATIONS D'ADN, DES VARIATIONS DE SEQUENCES D'ADN, DES DOMMAGES A L'ADN ET DES INCOMPATIBILITES D'ADN
- (71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 1111 Franklin Street, Oakland, CA 94607-5200 (US).
- (72) MC CUTCHEN-MALONEY, Sandra, L.; 6237 Camino Del Lago, Pleasanton, CA 94566 (US).
- (74) THOMPSON, Alan, H.; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ C12N 15/70, 1/21, C07K 14/22, A61K 39/095, C07K 1/22
(11) WO 01/73080 (13) A2
(21) PCT/GB01/01348
(22) 27 Mar/mar 2001 (27.03.2001)
(25) en (26) en
(30) 0007433.6 27 Mar/mar 2000 GB (27.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● RECOMBINANT IRON UPTAKE PROTEINS
● PROTEINES DE FIXATION DU FER RECOMBINEES
- (71) MICROBIOLOGICAL RESEARCH AUTHORITY [GB/GB]; CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) GORRINGE, Andrew, Richard [GB/GB]; Microbiological Research Authority, Porton Down, Salisbury, Wiltshire SP4 0JG (GB). HUDSON, Michael, John [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB). MATHESON, Mary, Anne [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB). ROBINSON, Andrew [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB). WEST, David, McKay [GB/GB]; Microbiological Research Authority, CAMR, Porton Down, Salisbury, Wiltshire SP4 0JG (GB).
- (74) SCHLICH, George, William et al. / etc.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (m)
-
- (51)⁷ C12N 15/70
(11) WO 01/73081 (13) A1
(21) PCT/KR01/00549
(22) 31 Mar/mar 2001 (31.03.2001)
(25) ko (26) en
(30) 2000/17052 31 Mar/mar 2000 KR (31.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● ESCHERICHIA COLI STRAIN SECRETING HUMAN GRANULOCYTE COLONY STIMULATING FACTOR (G-CSF)
● SOUCHE D'ESCHERICHIA COLI SECRETANT LE FACTEUR STIMULANT LES COLONIES DE GRANULOCYTES HUMAINS (G-CSF)
- (71) KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY [KR/KR]; 373-1, Kusong-dong, Yusong-gu, Taejon 305-701 (KR).
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- (72, 75) LEE, Sang-Yup [KR/KR]; 212-702 Expo Apartment, Chonmin-dong, Yusong-gu, Taejon 305-390 (KR). JEONG, Ki-Jun [KR/KR]; 102-411 Kaist Apartment, Kung-dong, Yusong-gu, Taejon 305-335 (KR).
- (74) LEE, Han-Young; Seowon Building 1675-1, 8th Floor, Seocho-dong, Seocho-gu, Seoul 137-070 (KR).
- (81) CN US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ C12N 15/70, 15/63
(11) WO 01/73082 (13) A2
(21) PCT/US01/08754
(22) 19 Mar/mar 2001 (19.03.2001)
(25) en (26) en
(30) 60/192,129 24 Mar/mar 2000 US (24.03.2000)
(30) 60/192,238 27 Mar/mar 2000 US (27.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● IMPROVED METHODS AND CELLS FOR EXPRESSION OF RECOMBINANT PROTEIN PRODUCTS
● PROCEDES ET CELLULES AMELIORES SERVANT A EXPRIMER DES PRODUITS DE PROTEINE DE RECOMBINAISON
- (71) XOMA TECHNOLOGY LTD. [—/—]; c/o Xoma (US) LLC, 2910 Seventh Street, Berkeley, CA 94710 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) BETTER, Marc, D. [US/US]; 2462 Zorada Drive, Los Angeles, CA 90046 (US).
- (74) MCNICHOLAS, Janet, M.; McAndrews, Held & Malloy, Ltd, 500 W. Madison, Suite 3400, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/80, 9/12
(11) WO 01/73083 (13) A2
(21) PCT/US01/09913
(22) 27 Mar/mar 2001 (27.03.2001)
(25) en (26) en
(30) 09/536,034 27 Mar/mar 2000 US (27.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A PROMOTER SEQUENCE OF 3-PHOSPHOGLYCERATE KINASE GENE 1 OF LACTIC ACID-PRODUCING FUNGUS RHIZOPUS ORYZAE AND A METHOD OF EXPRESSING A GENE OF INTEREST IN FUNGAL SPECIES
● SEQUENCE PROMOTRICE DU GENE 1 DE 3-PHOSPHOGLYCERATE KINASE DU CHAMPIGNON RHIZOPUS ORYZAE PRODUISANT DE L'ACIDE LACTIQUE ET PROCEDE D'EXPRESSION D'UN GENE D'INTERET DANS DES ESPECES FONGIQUES
- (71) BATTELLE MEMORIAL INSTITUTE [US/US]; Pacific Northwest Division, Intellectual Property Services, P.O. Box 999, Richland, WA 99352 (US).
- (72) GAO, Johnway; 506 Snyder Road, Richland, WA 99352 (US). SKEEN, Rodney, S.; 44491 Rodeo Lane, Pendleton, OR 97801 (US).

(74) **MAY, Stephen, R.**; Battelle Memorial Institute, Pacific Northwest Division, Intellectual Property Services, P.O. Box 999, MSIN: K1-53, Richland, WA 99352 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/82

(11) **WO 01/73084** (13) A2

(21) PCT/DE01/01209

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 15 458.1 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHODS FOR RAPIDLY PRODUCING TRANSGENIC MONOCOTYLEDONOUS PLANTS**

• **PROCEDE POUR PRODUIRE RAPIDEMENT DES PLANTES MONOCOTYLEDONES TRANSGENIQUES**

(71) **INSTITUT FÜR PFLANZENGENETIK UND KULTURPFLANZENFORSCHUNG (IPK)** [DE/DE]; Corrensstrasse 3, 06466 Gatersleben (DE).

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

(72, 75) **ALTPETER, Fredy** [DE/DE]; An der alten Mühle 13, 06466 Gatersleben (DE). **POPELKA, Juan-Carlos** [DE/DE]; Corrensstrasse 3, 06466 Gatersleben (DE).

(74) **BAUMBACH, F.**; Robert-Rössle-Str. 10, 13125 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/82, A01H 5/00

(11) **WO 01/73085** (13) A1

(21) PCT/DE01/00133

(22) **10 Jan/jan 2001 (10.01.2001)**

(25) de (26) de

(30) 100 14 412.8 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **EXPRESSION VECTORS FOR CONCENTRATING A RECOMBINANTLY PRODUCED PROTEIN IN DIFFERENT CELL COMPARTMENTS**

• **VECTEURS D'EXPRESSION PERMETTANT DE CONCENTRER UNE PROTEINE PRODUITE PAR RECOMBINAISON DANS DIFFERENTS COMPARTIMENTS CELLULAIRES**

(71) **MPB COLOGNE GMBH MOLECULAR PLANT & PROTEIN BIOTECHNOLOGY** [DE/DE]; Neurather Ring 1, 51063 Köln (DE).

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

(72, 75) **DÜRING, Klaus** [DE/DE]; Vorgebirgsweg 33, 50226 Frechen-Königsdorf (DE).

(74) **HUBER & SCHÜSSLER**; Truderinger Str. 246, 81825 München (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/82, 15/62, 15/11, C07K 14/415, 16/16, C12Q 1/68, A01H 5/00

(11) **WO 01/73086** (13) A2

(21) PCT/EP01/02148

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) de (26) de

(30) 100 14 672.4 **24 Mar/mar 2000 DE (24.03.2000)**

(30) 100 50 233.4 **11 Oct/oct 2000 DE (11.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR GENETICALLY MODIFYING A PLANT**

• **PROCEDE DE MODIFICATION GENE-TIQUE D'UNE PLANTE**

(71, 72) **FROMMMER, Wolf-Bernd** [DE/DE]; Im Rotbad 18, 72076 Tübingen (DE).

(72, 75) **WARD, John, M.** [US/US]; 1571 Burton Street, Falcon Heights, MN 55108 (US). **WEISE, Andreas** [DE/DE]; Hornkopfsstrasse 23, 72070 Tübingen (DE). **BARKER, Laurence** [GB/DE]; Schwärzlocher Strasse 32, 72070 Tübingen (DE). **SCHULZE, Waltraud** [DE/DE]; Jesinger Hauptstrasse 26, 72070 Tübingen (DE). **KÜHN, Christina** [DE/DE]; Clinicumgasse 6, 72070 Tübingen (DE).

(74) **SCHRELL, Andreas** et al. / etc.; Maybachstrasse 6A, 70469 Stuttgart (DE).

(81) AL AU BR CA IL JP KR LT LV MK RO SI US ZA.

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

(51)⁷ C12N 15/82

(11) **WO 01/73087** (13) A1

(21) PCT/EP01/03408

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007427.8 **27 Mar/mar 2000 GB (27.03.2000)**

(30) 0010486.9 **28 Apr/avr 2000 GB (28.04.2000)**

(30) 01101802.5 **26 Jan/jan 2001 EP (26.01.2001)**

(30) Not furnished / non communiqué **28 Feb/fév 2001 US (28.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **CESTRUM YELLOW LEAF CURLING VIRUS PROMOTERS**

• **PROMOTEURS DU VIRUS DES FEUILLES JAUNES EN CUILLERE DU CESTRUM**

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

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

(72, 75) **HOHN, Thomas** [AT/CH]; Hangstrasse 35, CH-4144 Arlesheim (CH). **STAVOLONE, Livia** [IT/CH]; Schaffhauserstrasse 123, CH-8057 Zürich (CH). **DE HAAN, Petrus, Theodorus** [NL/NL]; Kruideel 34, NL-1602 GL Enkhuizen (NL). **LIGON, Hope, Thompson** [US/US]; 3616 South Pointe Drive, Apex, NC 27502 (US). **KONONOVA, Maria** [RU/US]; 7920 Strawberry Meadows Street, Raleigh, NC 27613 (US).

(74) **BASTIAN, Werner**; Syngenta Participations AG, Intellectual Property, P.O. Box, CH-4002 Basel (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12N 15/82, 15/29, 5/10, A01H 5/00

(11) **WO 01/73088** (13) A1

(21) PCT/ES01/00127

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) es (26) es

(30) P 200000814 **31 Mar/mar 2000 ES (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **SEQUENCE REGULATING THE AN-THER-SPECIFIC EXPRESSION OF A GENE AND ITS USE IN THE PRODUCTION OF ANDROSTERILE PLANTS AND HYBRID SEEDS**

- SEQUENCE REGULATRICE DE L'EXPRESSION SPECIFIQUE D'UN GENE VERS L'ANTHERE ET SON UTILISATION DANS LA PRODUCTION DE PLANTES ANDROSTERILES ET DE SEMENCES HYBRIDES
- (71) **CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS** [ES/ES]; Calle Serrano, 117, E-28006 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GOMEZ JIMENEZ, María Dolores** [ES/ES]; Insto biología molecular y celular de plantas primo yúfera, Consejo Superior de Investigaciones Científicas, Campus Univ. Politec., Avda. Los Naranjos, E-46022 Valencia (ES). **CAÑAS CLEMENTE, Luis Antonio** [ES/ES]; Insto biología molecular y celular de plantas primo yúfera, Consejo Superior de Investigaciones Científicas, Campus Univ. Politec., Avda. Los Naranjos, E-46022 Valencia (ES). **MADUEÑO ALBI, Francisco** [ES/ES]; Insto biología molecular y celular de plantas primo yúfera, Consejo Superior de Investigaciones Científicas, Campus Univ. Politec., Avda. Los Naranjos, E-46022 Valencia (ES). **BELTRAN PORTER, José Pio** [ES/ES]; Insto biología molecular y celular de plantas primo yúfera, Consejo Superior de Investigaciones Científicas, Campus Univ. Politec., Avda. Los Naranjos, E-46022 Valencia (ES).
- (74) **OJEDA GARCIA, Pedro**; Consejo Superior de Investigaciones Científicas, Calle Serrano, 113, E-28006 Madrid (ES).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/82, 15/53, 9/02, 5/10, A01H 5/00
- (11) **WO 01/73089** (13) A1
- (21) PCT/GB01/01308
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 0007291.8 **24 Mar/mar 2000 GB (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CONTROL OF AERIAL BRANCHING
• REGULATION DES RAMIFICATIONS AERIENNES
- (71) **THE UNIVERSITY OF YORK** [GB/GB]; Heslington, York YO10 5YW (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEYSER, Ottoline** [GB/GB]; Department of Biology, University of York, Heslington, York YO10 5YW (GB). **BOOKER, Jonathan** [GB/GB]; Department of Biology, University of York, Heslington, York YO10 5YW (GB). **SOREFAN, Karim** [GB/GB]; Department of Biology, University of York, Heslington, York YO10 5YW (GB).
- (74) **CORNISH, Kristina, Victoria, Joy** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ C12N 15/82, A01H 5/00
- (11) **WO 01/73090** (13) A2
- (21) PCT/US01/09398
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,086 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR MODIFYING LIGNIN COMPOSITION AND INCREASING IN VIVO DIGESTIBILITY OF FORAGES
• PROCEDE DE MODIFICATION D'UNE COMPOSITION DE LIGNINE ET AUGMENTATION DE LA DIGESTIBILITE IN VIVO DES FOURRAGES
- (71) **THE SAMUEL ROBERTS NOBLE FOUNDATION, INC.** [US/US]; 2510 Sam Noble Parkway, Ardmore, OK 73402 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DIXON, Richard, A.** [GB/US]; 206 Woods Lane, Ardmore, OK 73401 (US). **GUO, Dianjing** [CN/US]; Apt. J5, 415 Willowridge Road, Ardmore, OK 73401 (US).
- (74) **HANSEN, Eugenia, S.** et al. / etc.; Sidley & Austin, Suite 3400, 717 N. Harwood, Dallas, TX 75201 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/82, C12Q 1/68, A01H 1/04, 5/00
- (11) **WO 01/73091** (13) A2
- (21) PCT/US01/09399
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,927 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 60/235,803 **27 Sep/sep 2000 US (27.09.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHODS OF SELECTION AND DEVELOPMENT OF PLANTS HAVING IMPROVED ROOT QUALITY AND ROOT LODGING RESISTANCE
• PROCEDE DE SELECTION ET DE MISE AU POINT DE VEGETAUX DE MEILLEURE QUALITE RACINAIRE ET DE MEILLEURE RESISTANCE A LA VERSE RACINAIRE
- (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) **BRUCE, Wesley, B.** [US/US]; 4625 96th Street, Urbandale, IA 50322 (US).
- (74) **BLAIR, Debra, L.** et al. / etc.; 7100 N.W. 62nd Avenue, Darwin Building, Johnston, IA 50131-1000 (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 GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ C12N 15/82, A01H 5/02, 5/10, 1/02
- (11) **WO 01/73092** (13) A2
- (21) PCT/US01/09447
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,261 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • INTERSPECIFIC *DIANTHUS* PLANT
• DIANTHUS INTERSPECIFIQUE
- (71) **BALL HORTICULTURAL COMPANY** [US/US]; 622 Town Road, West Chicago, IL 60185 (US).
- (72) **STROPE, Kerry**; 100 Irish Way, Pismo Beach, CA 93449 (US). **TREES, Scott**; 142 Seaview Avenue, Shell Beach, CA 93449 (US).
- (74) **MUELLER, Lisa, V.** et al. / etc.; Rockey, Milnamow & Katz, Ltd., Suite 4700, 180 N. Stetson Ave., Chicago, IL 60601 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ C12N 15/86, 15/63, 5/10, A61K 48/00, A61P 35/00

(11) WO 01/73093 (13) A2

(21) PCT/US01/09036

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(30) 60/192,156 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CELL-SPECIFIC ADENOVIRUS VECTORS COMPRISING AN INTERNAL RIBOSOME ENTRY SITE

● VECTEURS ADENOVIRAUX A SPECIFICITE CELLULAIRE COMPRENANT UN SITE RECEPTEUR INTERNE DU RIBOSOME

(71) CALYDON, INC. [US/US]; 1324 Chesapeake Terrace, Sunnyvale, CA 94089 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) YU, De-Chao [CN/US]; 352 Dolphin Isle, Foster City, CA 94404 (US). LI, Yuanhao [CA/US]; 568 Irven Court, Palo Alto, CA 94306 (US). HENDERSON, Daniel, R. [US/US]; 955 Matadero Avenue, Palo Alto, CA 94306 (US).

(74) GLAISTER, Debra, J. et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304-1018 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C12N 15/87, 5/10, A01K 67/027, C07K 16/44

(11) WO 01/73094 (13) A2

(21) PCT/US01/07018

(22) 5 Mar/mar 2001 (05.03.2001)

(25) en (26) en

(30) 09/537,861 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A NEW VECTOR FOR GENETICALLY MODIFYING NON-HUMAN ANIMALS
● NOUVEAU VECTEUR POUR DES ANIMAUX NON HUMAINS GENETIQUEMENT MODIFIES

(71) BIOAGRI CORPORATION [US/US]; 17711 Rowland Street, City of Industry, CA 91748 (US).

(72) WANG, Kangsheng; 2125 South Edmore Avenue, Rowland Heights, CA 91748 (US).

(74) WISE, Michael, J.; Lyon & Lyon LLP, 633 West Fifth Street, Suite 4700, Los Angeles, CA 90071-2066 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C12P

(11) WO 01/73095 (13) A2

(21) PCT/US01/09280

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(30) 09/537,843 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PREPARATION OF DEOXYNUCLEOSIDES

● PREPARATION DE DESOXYNUCLEOSIDES

(63) US 09/537,843 (CIP) 29 Mar/mar 2000 (29.03.2000)

(71) ISIS PHARMACEUTICALS, INC. [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).

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(72, 75) SANGHVI, Yogesh, S. [US/US]; 2169 Wandering Road, Encinitas, CA 92024 (US). GUO, Zhiqiang [CN/US]; 4528 Calle Mar de Armonia, San Diego, CA 92130 (US).

(74) CALDWELL, John, W. et al. / etc.; Woodcock Washburn Kurtz MacKiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12P 1/00, 13/02, 29/00, 17/02, 17/14

(11) WO 01/73096 (13) A1

(21) PCT/US01/40398

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/193,140 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ENHANCED PRODUCTION OF SECONDARY METABOLITES IN THE PRESENCE OF ORGANIC ADDITIVES

● PRODUCTION AMELIOREE DE METABOLITES SECONDAIRES EN PRESENCE D'ADDITIFS ORGANIQUES

(71) CUBIST PHARMACEUTICALS, INC. [US/US]; 24 Emily Street, Cambridge, MA 02139 (US).

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

(72, 75) DAVIES, Julian, E. [GB/CA]; 4428 West 6th Avenue, Vancouver, British Columbia V6R 1V3 (CA). CHEN, Genhui [CA/CA]; 725 Louis Rei, 888 Barnet Highway, Burnaby, British Columbia U5A 1S6 (CA).

(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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ C12P 7/18, C07C 31/20

(11) WO 01/73097 (13) A2

(21) PCT/US01/08248

(22) 15 Mar/mar 2001 (15.03.2001)

(25) en (26) en

(30) 60/192,892 29 Mar/mar 2000 US (29.03.2000)

(30) 60/266,473 6 Feb/fév 2001 US (06.02.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD OF RECOVERING 1,3-PROPANEDIOL FROM FERMENTATION BROTH

● METHODE DE RECUPERATION DE 1,3-PROPANEDIOL CONTENU DANS UN BOUILLON DE FERMENTATION

(71) ARCHER-DANIELS-MIDLAND COMPANY [US/US]; 4666 Faries Parkway, Box 1470, Decatur, IL 62525 (US).

(71, 72) HILALY, Ahmad, K. [BD/US]; 3325 Branchwood Drive, Springfield, IL 62704 (US). BINDER, Thomas, P. [US/US]; 2323 West Packard Street, Decatur, IL 62522 (US).

(74) LUDWIG, Steven, R. et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

- SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).
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- (51)⁷ **C12P 7/56, C12N 9/04, 1/20, 1/14, 1/16,
C07H 21/04**
- (11) **WO 01/73098** (13) A1
(21) PCT/US01/08542
(22) **16 Mar/mar 2001 (16.03.2001)**
(25) en (26) en
(30) 09/535,381 **24 Mar/mar 2000 US
(24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● FUNGAL LACTATE DEHYDROGE-
NASE GENE AND CONSTRUCTS FOR
THE EXPRESSION THEREOF
● GENE DE LACTATE DESHYDROGE-
NASE FONGIQUE ET PRODUITS DE
SYNTHESE POUR L'EXPRESSION DE
CE GENE
- (71) **THE UNITED STATES OF AMERICA,**
as represented by **THE SECRETARY
OF AGRICULTURE** [US/US]; 1400 Inde-
pendance Avenue S.W., Washington, D.C.
20250-0302 (US).
- (72) **SKORY, Christopher, D.;** 412 Whippoor-
will Drive, Washington, IL 61571 (US).
- (74) **PENDORE, Stephan, A.** et al. / etc.; Pendorf
& Cutliff, P.O. Box 20445, Tampa, FL 33622-
0445 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CZ DE DK DM DZ
EE ES FI GB GD GE GH GM HR HU ID IL
IN IS JP KE KG KP KR KZ LC LK LR LS
LT LU LV MA MD MG MK MN MW MX
MZ NO NZ PL PT RO RU SD SE SG SI SK
SL TJ TM TR TT TZ UA UG UZ VN YU ZA
ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ **C12P 7/64, C12N 1/10, 1/38 // (C12P 7/64,
C12R 1:90)**
- (11) **WO 01/73099** (13) A1
(21) PCT/IN00/00037
(22) **29 Mar/mar 2000 (29.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A METHOD FOR ENHANCING LEV-
ELS OF POLYUNSATURATED FATTY
ACIDS IN THRAUSTOCHYTRIDS
● METHODE PERMETTANT D'AC-
CROITRE LES TAUX D'ACIDES GRAS
INSATURES DANS DES CHAMPI-
GNONS DU TYPE *THRAUSTOCHY-*
TRIUM
- (71) **COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH** [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **KUMAR, Seshagiri, Raghu** [IN/IN];
National Institute of Oceanography, Dona
Paula, Goa 403 004 (IN). **CHANDRAMO-
HAN, Dorai, Rajasingam** [IN/IN]; National
Institute of Oceanography, Dona Paula, Goa
403 004 (IN). **DESA, Ehrlich** [IN/IN]; Na-
tional Institute of Oceanography, Dona Paula,
Goa 403 004 (IN).
- (74) **GABRIEL, Devadoss, Calab;** Kumaran &
Sagar, 84C, C-6 Lane, (Off Central Avenue),
Sainik Farms, New Delhi 110 062 (IN).
- (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 SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG
ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE); OA (BF
BJ CF CG CI CM GA GN GW ML MR NE
SN TD TG).
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- (51)⁷ **C12P 13/00 // (C12P 13/00, C12R 1:01)
(C12P 13/00, C12R 1:22) (C12P 13/00,
C12R 1:32) (C12P 13/00, C12R 1:40)
(C12P 13/00, C12R 1:43) (C12P 13/00,
C12R 1:64) (C12P 13/00, C12R 1:645)
(C12P 13/00, C12R 1:65) (C12P 13/00,
C12R 1:66) (C12P 13/00, C12R 1:77)
(C12P 13/00, C12R 1:785) (C12P 13/00,
C12R 1:80)**
- (11) **WO 01/73100** (13) A1
(21) PCT/JP01/01628
(22) **2 Mar/mar 2001 (02.03.2001)**
(25) ja (26) ja
(30) 2000-89182 **28 Mar/mar 2000 JP
(28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● PROCESS FOR THE PRODUCTION OF
OPTICALLY ACTIVE β-AMINO ALCO-
HOLS
● OBTENTION D'ALCOOLS β-AMINO
OPTIQUEMENT ACTIFS
- (71) **FUJI CHEMICAL INDUSTRIES, LTD.**
[JP/JP]; 530, Chokeiji, Takaoka-shi, Toyama
933-8511 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **SAKAMOTO, Keiji** [JP/JP]; c/o Fuji
Chemical Industries, Ltd., 530, Chokeiji,
Takaoka-shi, Toyama 933-8511 (JP). **KITA,
Shinji** [JP/JP]; c/o Fuji Chemical Industries,
Ltd., 530, Chokeiji, Takaoka-shi, Toyama
933-8511 (JP). **TSUZAKI, Kazuya** [JP/JP];
c/o Fuji Chemical Industries, Ltd., 530,
Chokeiji, Takaoka-shi, Toyama 933-8511
(JP). **MORIKAWA, Tadanori** [JP/JP];
c/o Fuji Chemical Industries, Ltd., 530,
Chokeiji, Takaoka-shi, Toyama 933-8511
(JP). **SHIMIZU, Sakayu** [JP/JP]; 6-9,
Tokiwa-Yamashitacho, Ukyo-ku, Kyoto-shi,
Kyoto 616-8212 (JP). **KATAOKA, Michi-
hiko** [JP/JP]; 26-203, Kamitakano-Hatagada-
cho, Sakyo-ku, Kyoto-shi, Kyoto 606-0082
(JP).
- (74) **HASEGAWA, Yoshiki** et al. / etc.; SOEI
PATENT AND LAW FIRM, Okura-honkan,
6-12, Ginza 2-chome, Chuo-ku, Tokyo 104-
0061 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN
YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).
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- (51)⁷ **C12P 13/02, C12N 15/60 // (C12P 13/02,
C12R 1:19)**
- (11) **WO 01/73101** (13) A1
(21) PCT/JP01/02333
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) ja (26) ja
(30) 2000-91203 **29 Mar/mar 2000 JP
(29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● PROCESS FOR PRODUCING AMIDE
COMPOUNDS
● PROCEDE DE PRODUCTION DE COM-
POSES AMIDIQUES
- (71) **mitsui chemicals, inc.** [JP/JP]; 2-5,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-6070 (JP).
(for all designated States except / pour tous
les États désignés sauf US)
- (72, 75) **ABE, Takeya** [JP/JP]; c/o Mitsui Chem-
icals, Inc., 1900, Togo, Mobarashi, Chiba
297-8666 (JP). **ITO, Kiyoshi** [JP/JP]; c/o
Mitsui Chemicals, Inc., 1144, Togo, Mo-
barashi, Chiba 297-0017 (JP). **SASAKI,
Kenju** [JP/JP]; c/o Mitsui Chemicals, Inc.,
1900, Togo, Mobarashi, Chiba 297-8666
(JP). **WATANABE, Seiichi** [JP/JP]; c/o Mit-
sui Chemicals, Inc., 1900, Togo, Mobarashi,
Chiba 297-8666 (JP). **TACHIBANA, Toshi-
hisa** [JP/JP]; c/o Mitsui Chemicals, Inc.,
1900, Togo, Mobarashi, Chiba 297-8666
(JP). **ASANO, Tamotsu** [JP/JP]; c/o Mitsui
Chemicals, Inc., 1900, Togo, Mobarashi,
Chiba 297-8666 (JP).
- (74) **NAEMURA, Shinichi;** Toko Bldg. 5F, 5-36,
Kinko-cho, Kanagawa-ku, Yokohama-shi,
Kanagawa 221-0056 (JP).
- (81) AU KR US.
(84) EP (DE FR GB NL).
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- (51)⁷ **C12P 17/06, A23L 1/30 // C12N 9/24,
(C12P 17/06, C12R 1:80)**
- (11) **WO 01/73102** (13) A1
(21) PCT/JP01/02656
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) ja (26) ja
(30) 2000-092133 **29 Mar/mar 2000 JP
(29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● PROCESS FOR PRODUCING AGLY-
CON BY USING DIGLYCOSIDASE

- AND FLAVOR-IMPROVED FOOD CONTAINING THE AGLYCON AND CONVERTING AGENT TO BE USED IN THE PROCESS
- PROCÉDE DE FABRICATION D'AGLYCONE A PARTIR DE DIGLYCOSIDASE, ALIMENT A AROME AMÉLIORÉ CONTENANT L'AGLYCONE, ET AGENT DE CONVERSION DEVANT ÊTRE UTILISÉ DANS CE PROCÉDE
- (71) **AMANO ENZYME INC.** [JP/JP]; 2-7, Nishiki 1-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TSURUHAMI, Kazutaka** [JP/JP]; Amano Enzyme Inc. Gifu R & D Center, 4-179-35, Sue-cho, Kakamigahara-shi, Gifu 509-0108 (JP). **TOUMOTO, Atsuki** [JP/JP]; Amano Enzyme Inc. Gifu R & D Center, 4-179-35, Sue-cho, Kakamigahara-shi, Gifu 509-0108, - (JP). **GOTO, Masataka** [JP/JP]; Amano Enzyme Inc. Gifu R & D Center, 4-179-35, Sue-cho, Kakamigahara-shi, Gifu 509-0108 (JP). **KOIKEDA, Satoshi** [JP/JP]; Amano Enzyme Inc., Gifu R & D Center, 4-179-35, Sue-cho, Kakamigahara-shi (JP).
- (74) **OGURI, Shohei** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th Floor, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12P 17/14, C07D 277/00**
- (11) **WO 01/73103** (13) A2
- (21) PCT/US01/09620
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,975 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PREPARATION OF EPOTHILONE INTERMEDIATES
• PREPARATION D'INTERMÉDIAIRES D'ÉPOTHILONE
- (71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VITE, Gregory, D.** [US/US]; 28 Continental Lane, Titusville, NJ 08560 (US). **KIM, Soong-Hoon** [KR/KR]; 3 Lupine Lane, Titusville, NJ 08560 (US). **HÖEFLER, Gerhard** [DE/DE]; Alter Weg 12a, 38124 Braunschweig (DE).
- (74) **PATEL, Rena** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12P 19/04, 39/00, A61K 31/716, A23L 1/29, C08B 37/00**
- (11) **WO 01/73104** (13) A1
- (21) PCT/EP01/03100
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 00106406.2 **24 Mar/mar 2000 EP (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BETA-GLUCANS FROM FILAMENTOUS FUNGI
• BETA-GLUCANES OBTENUS A PARTIR D'UN CHAMPIGNON FILAMENTEUX
- (71) **SOCIÉTÉ DES PRODUITS NESTLÉ S.A.** [CH/CH]; P.O. Box 353, CH-1800 Vevey (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FEDERICI, Federico** [IT/IT]; V. Vespucci Amerigo, Ferro di Cavallo, 4, I-06127 Perugia (IT). **PETRUCCIOLI, Maurizio** [IT/IT]; V. Uppello, 13, I-06034 Foligno (IT). **VAN DEN BROEK, Peter** [NL/CH]; Le Grand Chemin 88, CH-1066 Epalinges (CH). **STINGELE, Francesca** [DE/CH]; Route du Signal 10, CH-1018 Lausanne (CH).
- (74) **VUILLE, Roman;** 55, avenue Nestlé, CH-1800 Vevey (CH).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **C12P 19/44**
- (11) **WO 01/73106** (13) A1
- (21) PCT/JP01/02601
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) ja (26) ja
- (30) 2000-89748 **28 Mar/mar 2000 JP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PROCESS FOR PRODUCING GLYCOSYL TRANSFER PRODUCT
• PROCÉDE DE PRODUCTION D'UN PRODUIT DE TRANSFERT GLYCOSYLIÉ
- (71) **EZAKI GLICO CO., LTD.** [JP/JP]; 4-6-5, Utajima, Nishiyodogawa-ku, Osaka-shi, Osaka 555-8502 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKADA, Shigetaka** [JP/JP]; 3-207-269, Higashiikoma, Ikoma-shi, Nara 630-0213 (JP). **KOMETANI, Takashi** [JP/JP]; 1-18-13-A101, Higashiarioka, Itami-shi, Hyogo 664-0845 (JP). **NISHIMURA, Takahisa** [JP/JP]; 1-7-10-5, Saidajinogami-cho, Nara-shi, Nara 631-0833 (JP). **NAKAE, Takashi** [JP/JP]; 3-4-1-H501, Suzukakedai,
- (22) **19 Mar/mar 2001 (19.03.2001)**
- (25) en (26) en
- (30) 09/534,060 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MAMMALIAN TWO-HYBRID SYSTEM
• SYSTÈME MAMMIFÈRE A DEUX HYBRIDES
- (63) US 09/534,060 (CON) **24 Mar/mar 2000 (24.03.2000)**
- (71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIODA, Toshihiro** [JP/US]; 25 Westwood Street, Burlington, MA 01803 (US). **ISELBACHER, Kurt, J.** [US/US]; 20 Knobscot Road, Newton, MA 02459 (US).
- (74) **FRASER, Janis, K., D., J., D.;** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **C12P 19/34, G01N 33/00**
- (11) **WO 01/73105** (13) A1
- (21) PCT/US01/08716

- Sanda-shi, Hyogo 669-1322 (JP). **TAKII, Hiroshi** [JP/JP]; 1-12-19-102, Baba, Na-gaokakyo-shi, Kyoto 617-0828 (JP).
- (74) **YAMAMOTO, Shusaku**; Fifteenth Floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12P 21/00, A01K 67/027, C12N 15/00**
- (11) **WO 01/73107** (13) A1
- (21) PCT/US01/09572
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/191,772 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PRION-FREE TRANSGENIC UNGULATES
- ONGULES TRANSGENIQUES DEPOURVUS DE PRION
- (71) **UNIVERSITY OF MASSACHUSETTS, A Public Institution of The Commonwealth of Massachusetts, as represented by its Amherst Campus** [US/US]; Office of Vice Chancellor for Research at Amherst, Goodell Building, Room 512, Amherst, MA 01003-3290 (US).
- (72) **CIBELLI, Jose**; 21 Tamarock Circle, Holdin, MA 01520 (US). **GOOD, Deborah, J.**; 304 Paige Laboratory, Dept. of Veterinary & Animal Sciences, Amherst, MA 01003 (US).
- (74) **TESKIN, Robin, L.** et al. / etc.; Pillsbury Winthrop LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12Q 1/00**
- (11) **WO 01/73108** (13) A2
- (21) PCT/IB01/00773
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/192,886 **29 Mar/mar 2000 US (29.03.2000)**
-
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • IMPROVEMENTS TO A BACTERIAL TWO-HYBRID SYSTEM FOR PROTEIN-PROTEIN INTERACTION SCREENING, NEW STRAINS FOR USE THEREIN, AND THEIR APPLICATIONS
- AMELIORATIONS APPORTEES A UN SYSTEME BACTERIEN A DEUX HYBRIDES DANS LE CRIBLAGE DE L'INTERACTION PROTEINE-PROTEINE, NOUVELLES SOUCHES S'UTILISANT DANS CE SYSTEME ET LEURS APPLICATIONS
- (71) **INSTITUT PASTEUR** [FR/FR]; 28, rue du Docteur Roux, F-75015 Paris (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3, rue Michel-Ange, F-75494 Paris Cedex 16 (FR). **HYBRIGENICS S.A.** [FR/FR]; 180, avenue Daumesnil, F-75012 Paris (FR).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KARIMOVA, Gouzel** [RU/FR]; 11, rue Dupin, F-75006 Paris (FR). **LADANT, Daniel** [FR/FR]; 3, rue de Reims, F-94230 Cachan (FR). **ULLMANN, Agnès** [FR/FR]; 3, rue Paul Dupuy, F-75016 Paris (FR). **SELIG, Luc** [FR/FR]; 160 bis, rue de Paris, F-94220 Charenton le Pont (FR). **LEGRAIN, Pierre** [FR/FR]; 5, rue Mizon, F-75015 Paris (FR).
- (74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 20, rue de Chazelles, F-75847 Paris Cedex 17 (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- Published / Publiée : (m)
-
- (51)⁷ **C12Q 1/00**
- (11) **WO 01/73109** (13) A2
- (21) PCT/US01/10097
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/537,599 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CONTINUOUS PROCESS FOR MANUFACTURE OF DISPOSABLE ELECTRO-CHEMICAL SENSOR
- PROCEDE DE FABRICATION EN CONTINU DE CAPTEUR ELECTROCHIMIQUE JETABLE
- (63) US 09/537,599 (CON) 28 Mar/mar 2000 (28.03.2000)
- (71) **INVERNESS MEDICAL TECHNOLOGY, INC.** [—/US]; 200 Prospect Street, Waltham, MA 02453-3457 (US).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVIES, Oliver, William, Hardwicke** [—/GB]; 15 Drummond Circus, Inverness Circus, Inverness IV2 4QP (GB). **MCALEER, Jerome, Francis** [GB/GB]; 52 Nobles Close, Grove Wantage OX12 0NR (GB). **YEUDALL, Robert, Malcolm** [GB/GB]; 5 Stratherrick Gardens, Inverness IV2 4LX (GB).
- (74) **LARSON, Marina, T.**; Oppedahl & Larson LLP, P.O. Box 5068, Dillon, CO 80435-5068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12Q 1/00, 1/68, G01N 33/53, A01N 37/18, C07H 19/00**
- (11) **WO 01/73110** (13) A1
- (21) PCT/US01/09080
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) en (26) en
- (30) 09/535,129 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • STABILIZATION OF HIGHLY SENSITIVE NUCLEIC ACID STAINS IN AQUEOUS SOLUTIONS
- STABILISATION DE TEINTURES HAUTEMENT SENSIBLES A L'ACIDE NUCLEIQUE DANS DES SOLUTIONS AQUEUSES
- (71) **BIOWHITTAKER MOLECULAR APPLICATIONS, INC.** [US/US]; 191 Thomaston Street, Rockland, ME 04840-2994 (US).
- (72) **WU, Minjie**; 18 Spruce Point, South Thomaston, ME 04858 (US). **WHITE, Hugh, W.**; 122 Washington Street, Camden, ME 04843 (US). **KUSUKAWA, Noriko**; 3479 S. Crestwood Drive, Salt Lake City, UT 84109 (US). **STEIN, Thomas, M.**; 2710 Flintridge Ct., Myersville, MD 21773 (US).
- (74) **ANDERSEN, Robert, L.** et al. / etc.; Ratner & Prestia, 301 One Westlakes (Berwyn), P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C12Q 1/02**
- (11) **WO 01/73111** (13) A2
- (21) PCT/EP01/03610
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 00106861.8 **30 Mar/mar 2000 EP (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CELL-FREE RECONSTITUTION OF AUTOPHAGOCYTOSIS

• RECONSTITUTION ACELLULAIRE
D'AUTOPHAGOCYTOSE

(71) **MAX-PLANCK-GESELLSCHAFT
ZUR FÖRDERUNG DER WIS-
SENSCHAFTEN E.V.** [DE/DE]; Hofgarten-
strasse 8, 80539 München (DE).
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les États désignés sauf US)*

(72, 75) **MAYER, Andreas** [DE/DE]; Gottlieb-
Olpp-Strasse 16/7, 72076 Tübingen (DE).

(74) **WEICKMANN & WEICKMANN**; Post-
fach 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ C12Q 1/02, A61K 7/42

(11) **WO 01/73112** (13) A1

(21) PCT/IN00/00038

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR IDENTIFYING UV-FIL-
TER COMPOUNDS

• PROCEDE D'IDENTIFICATION DES
COMPOSES FILTRES ANTI-UV

(71) **COUNCIL OF SCIENTIFIC AND IN-
DUSTRIAL RESEARCH** [IN/IN]; Rafi
Marg, New Delhi 110 001 (IN).
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les États désignés sauf US)*

(72, 75) **KHANUJA, Suman, Preet, Singh**
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Aromatic Plants, P.O. CIMAP, Lucknow
226 015, Uttar Pradesh (IN). **AGARWAL,
Krishna, Kumar** [IN/IN]; Central Insti-
tute of Medicinal and Aromatic Plants, P.O.
CIMAP, Lucknow 226 015, Uttar Pradesh
(IN). **KUMAR, Tiruppadiripuliyur, Ran-
ganathan, Santha** [IN/IN]; Central Institute
of Medicinal and Aromatic Plants, P.O.
CIMAP, Lucknow 226 015, Uttar Pradesh
(IN). **AHMAD, Atique** [IN/IN]; Central In-
stitute of Medicinal and Aromatic Plants, P.O.
CIMAP, Lucknow 226 015, Uttar Pradesh
(IN). **SHASANY, Ajit, Kumar** [IN/IN];
Central Institute of Medicinal and Aromatic
Plants, P.O. CIMAP, Lucknow 226 015, Ut-
tar Pradesh (IN). **DAROKAR, Mahendra,
Pandurang** [IN/IN]; Central Institute of
Medicinal and Aromatic Plants, P.O. CIMAP,
Lucknow 226 015, Uttar Pradesh (IN). **KU-
MAR, Sushil** [IN/IN]; Central Institute of
Medicinal and Aromatic Plants, P.O. CIMAP,
Lucknow 226 015, Uttar Pradesh (IN).

(74) **GABRIEL, Devadoss, Calab**; Kumaran &
Sagar, 84C, C-6 Lane, (Off Central Avenue),
Sainik Farms, New Delhi 110 062 (IN).

(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 SI SK SL TJ TM TR
TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ C12Q 1/26

(11) **WO 01/73113** (13) A2

(21) PCT/US01/10155

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/193,034 **29 Mar/mar 2000 US
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MONOOXYGENASE ASSAYS

• ESSAI SUR LA MONOOXYGENASE

(71) **ACLARA BIOSCIENCES, INC.** [US/US];
1288 Pear Avenue, Mountain View, CA 94043
(US).

(72) **SINGH, Sharat**; 3420 Royal Meadow
Lane, San Jose, CA 95135 (US). **CHENNA,
Ahmed**; 1068 W. McKinley Avenue, Sunny-
vale, CA 94086 (US). **SALIMI-MOOSARI,
Hossein**; 1232 Vicente Drive, Apartment
#H, Sunnyvale, CA 94086 (US). **GIBBONS,
Ian**; 831 La Mesa Drive, Portola Valley, CA
94028 (US).

(74) **DEHLINGER, Peter, J.** et al. / etc.; Iota Pi
Law Group, P.O. Box 60850, Palo Alto, CA
94306-0850 (US).

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

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

(51)⁷ C12Q 1/32, 1/26

(11) **WO 01/73114** (13) A2

(21) PCT/US01/07619

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 09/537,203 **28 Mar/mar 2000 US
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REAGENT SYSTEMS FOR DETECT-
ING THE PRESENCE OF A REDUCED
COFACTOR IN A SAMPLE AND
METHODS FOR USING THE SAME

• SYSTEMES DE REACTIFS POUR
DETECTER LA PRESENCE D'UN CO-
FACTEUR REDUIT DANS UN ECHAN-
TILLON ET LEURS PROCEDES D'UTI-
LISATION

(71) **LIFESCAN, INC.** [US/US]; 1000 Gibraltar
Drive, Milpitas, CA 95035-6312 (US).

(72) **OUYANG, Tianmei**; 41945 Via San Gabriel,
Fremont, CA 94539 (US).

(74) **FIELD, Bret, E.**; Bozicevic, Field & Francis
LLP, Suite 200, 200 Middlefield Road, Menlo
Park, CA 94025 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ C12Q 1/68, G01N 33/68

(11) **WO 01/73115** (13) A1

(21) PCT/BE01/00052

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 00870057.7 **24 Mar/mar 2000 EP
(24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND KIT FOR THE
SCREENING, THE DETECTION
AND/OR THE QUANTIFICATION OF
TRANSCRIPTIONAL FACTORS

• PROCEDE ET TROUSSE DE CRI-
BLAGE, DE DETECTION ET/OU DE
QUANTIFICATION DE FACTEURS
TRANSCRIPTIONNELS

(71) **ADVANCED ARRAY TECHNOLOGIES
S.A.** [BE/BE]; Chemin des Pierres 4, B-5020
Malonne (BE).
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les États désignés sauf US)*

(72, 75) **REMACLE, José** [BE/BE]; Chemin des
Pierres 4, B-5020 Malonne (BE). **RENARD,
Patricia** [BE/BE]; Try Ansquet 7, B-5030
Lonze (BE). **ART, Muriel** [BE/BE]; Avenue
Godfroid 42, B-5000 Namur (BE).

(74) **VAN MALDEREN, Eric** 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
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

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

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(51)⁷ C12Q 1/68

(11) **WO 01/73116** (13) A2

(21) PCT/CA01/00402

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

- (30) 60/192,557 **28 Mar/mar 2000** US
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR DETERMINING OSTEOPOROSIS SUSCEPTIBILITY AND/OR LOW BONE DENSITY AND REAGENTS THEREFOR
• METHODE PERMETTANT DE DETERMINER LA PROBABILITE D'ETRE ATTEINT D'OSTEOPOROSE ET/OU UNE FAIBLE DENSITE OSSEUSE, ET REACTIFS DESTINES A CETTE METHODE
- (71) **SIGNALGENE INC.** [CA/CA]; 8475 Christophe-Colomb, Bureau 1000, Montreal, Quebec H2M 2N9 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROUSSEAU, François** [CA/CA]; 2540 Lalonde, Sainte-Foy, Quebec G1W 1M7 (CA).
- (74) **DUBUC, J., H.** et al. / etc.; Goudreau Gage Dubuc, Stock Exchange Tower, 800 Place Victoria, Suite 3400, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12Q 1/68**
- (11) **WO 01/73117** (13) A1
- (21) PCT/EP01/03702
- (22) **31 Mar/mar 2001 (31.03.2001)**
- (25) de (26) de
- (30) 100 16 115.4 **31 Mar/mar 2000** DE
(31.03.2000)
- (30) 00113549.0 **27 Jun/juin 2000** EP
(27.06.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • USE OF PARTICLES WHICH HAVE SIGNAL-EMITTING CHARACTERISTICS AND AT LEAST ONE GROUP WITH AN AFFINITY FOR MARKED NUCLEIC ACIDS
• UTILISATION DE PARTICULES, APRES A TRANSMETTRE DES SIGNAUX ET POSSEDANT AU MOINS UN GROUPE D'AFFINITE POUR LES ACIDES NUCLEIQUES MARQUES
- (71) **MEMOREC MEDICAL MOLECULAR RESEARCH COLOGNE STOFFEL GMBH** [DE/DE]; Stöckheimer Weg 1, 50829 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOSIO, Andreas** [IT/DE]; Hans-Sachs-Strasse 21, 50931 Köln (DE). **SCHEFFOLD, Alexander** [DE/DE]; Alexandrinenstr. 4, 10969 Berlin (DE).
- (74) **MEYERS, Hans-Wilhelm** 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **C12Q 1/68**
- (11) **WO 01/73118** (13) A2
- (21) PCT/GB01/01430
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 0007622.4 **29 Mar/mar 2000** GB
(29.03.2000)
- (30) 0026749.2 **2 Nov/nov 2000** GB
(02.11.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HYBRIDISATION BEACON AND METHOD OF RAPID SEQUENCE DETECTION AND DISCRIMINATION
• BALISE D'HYBRIDATION ET METHODE DE DETECTION ET DISCRIMINATION RAPIDES DE SEQUENCES
- (71) **LGC (TEDDINGTON) LIMITED** [GB/GB]; Queens Road, Teddington, Middlesex TW11 0LY (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRENCH, David, John** [GB/GB]; LGC (Teddington) Limited, Queens Road, Teddington, Middlesex TW11 0LY (GB). **McDOWELL, David, Gordon** [GB/GB]; LGC (Teddington) Limited, Queens Road, Teddington, Middlesex TW11 0LY (GB). **BROWN, Tom** [GB/GB]; Keppels, Heatherland Road, Chillworth, Southampton SO16 7JD (GB).
- (74) **PURDY, Hugh, Barry**; Stevens, Hewlett & Perkins, 1 St. Augustine's Place, Bristol BS1 4UD (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12Q 1/68**
- (11) **WO 01/73119** (13) A2
- (21) PCT/IB01/00833
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/193,042 **29 Mar/mar 2000** US
(29.03.2000)
- (30) 60/252,551 **21 Nov/nov 2000** US
(21.11.2000)
- (30) 60/252,747 **22 Nov/nov 2000** US
(22.11.2000)
- (30) 09/820,328 **29 Mar/mar 2001** US
(29.03.2001)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHODS FOR GENOTYPING BY HYBRIDIZATION ANALYSIS
• PROCEDES DE GENOTYPAGE PAR ANALYSE D'HYBRIDATION
- (71) **CENTER FOR THE APPLICATION OF MOLECULAR BIOLOGY TO INTERNATIONAL AGRICULTURE** [AU/AU]; GPO Box 3200, Clunies Ross Street at Dickson Road, Black Mountain, ACT 2601 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KILIAN, Andrzej** [PL/AU]; 11 Mersey Place, Kaleen, ACT 2602 (AU).
- (74) **SLATTERY, John, M.** et al. / etc.; Davies Collison Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C12Q 1/68, G01N 33/53, 33/566**
- (11) **WO 01/73120** (13) A1
- (21) PCT/JP01/02495
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-87500 **27 Mar/mar 2000** JP
(27.03.2000)
- (30) 2000-87501 **27 Mar/mar 2000** JP
(27.03.2000)
- (30) 2000-87504 **27 Mar/mar 2000** JP
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF MEASURING POLYMORPHISM
• PROCEDE DE MESURE DE POLYMORPHISME
- (71) **OLYMPUS OPTICAL CO., LTD.** [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HORI, Kunio** [JP/JP]; 501, Sophia-Chofu-Somejiko, 2-36-1, Someji,

Chofu-shi, Tokyo 182-0023 (JP). **KARAKI, Sachiko** [JP/JP]; 401, Hinodai-Heights, 1-1-1, Hinodai, Hino-shi, Tokyo 191-0012 (JP). **KANO, Tokio** [JP/JP]; 2-42-26, Fujimidai, Kunitachi-shi, Tokyo 186-0003 (JP). **TAKAMIYA, Yuji** [JP/JP]; 201, Heights-Azami, 1-10-3, Chuo, Sagami-hara-shi, Kanagawa 229-0039 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) US.

(84) EP (DE FR GB).

Published / Publiée : (a)

(51)⁷ C12Q 1/68

(11) **WO 01/73121** (13) A1

(21) PCT/JP01/02806

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-94727 **30 Mar/mar 2000 JP (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF DETERMINING BASE SEQUENCE OF SINGLE NUCLEIC ACID MOLECULE

• PROCEDE POUR DETERMINER UNE SEQUENCE DE BASE D'UNE MOLECULE INDIVIDUELLE D'ACIDE NUCLEIQUE

(71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **GENESIS RESEARCH INSTITUTE, INCORPORATED** [JP/JP]; 4-1-35, Noritake-Shinmachi, Nishi-ku, Nagoya-shi, Aichi 451-0051 (JP).

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(72, 75) **KONDOW, Tamotsu** [JP/JP]; 1-3-1-1002A, Echujima, Koto-ku, Tokyo 135-0044 (JP). **MAFUNE, Fumitaka** [JP/JP]; 2-7-5-1905, Shinonome, Koto-ku, Tokyo 135-0062 (JP). **TAKEDA, Yoshihiro** [JP/JP]; 101, Bigfarm, 3-6-5, Imagawa, Urayasu-shi, Chiba 279-0022 (JP).

(74) **HIRAKI, Yusuke** et al. / etc.; Toranomon No.5 Mori Building Third Floor, 17-1, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) JP US.

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

(51)⁷ C12Q 1/68

(11) **WO 01/73122** (13) A1

(21) PCT/US00/22805

(22) **18 Aug/août 2000 (18.08.2000)**

(25) en (26) en

(30) PCT/US00/08432 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR DETERMINATION OF SINGLE NUCLEIC ACID POLYMORPHISMS USING A BIOELECTRONIC MICROCHIP

• PROCEDES SERVANT A DETERMINER DES POLYMORPHISMES

D'ACIDES NUCLEIQUES SIMPLES AU MOYEN D'UN PUCE BIOELECTRIQUE

(71) **NANOGEN, INC.** [US/US]; 10398 Pacific Center Court, San Diego, CA 92121 (US).

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

(72, 75) **NERENBERG, Michael, I.** [US/US]; 8178 Gilman Court, La Jolla, CA 92037 (US). **CANTER, David, M.** [US/US]; 9135 Kensett Place, San Diego, CA 92126 (US). **RADTKEY, Ray, R.** [US/US]; 6859 Carthage Street, San Diego, CA 92120 (US). **O'CONNELL, James, P.** [US/US]; 166 Solana Point Circle, Solana Beach, CA 92075 (US). **WANG, Ling** [CN/US]; 12946 Isocoma Street, San Diego, CA 92129 (US).

(74) **EAGLEMAN, Patrick, S.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

(81) AU BR CA CN JP KR NZ US.

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

(51)⁷ C12Q 1/68

(11) **WO 01/73123** (13) A2

(21) PCT/US01/10071

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,699 **28 Mar/mar 2000 US (28.03.2000)**

(30) 60/200,161 **26 Apr/avr 2000 US (26.04.2000)**

(30) 09/603,830 **26 Jun/juin 2000 US (26.06.2000)**

(30) 60/213,906 **26 Jun/juin 2000 US (26.06.2000)**

(30) 60/254,392 **8 Dec/déc 2000 US (08.12.2000)**

(30) 60/255,235 **11 Dec/déc 2000 US (11.12.2000)**

(30) 09/760,500 **12 Jan/jan 2001 US (12.01.2001)**

(30) 09/820,279 **28 Mar/mar 2001 US (28.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NANOPARTICLES HAVING OLIGONUCLEOTIDES ATTACHED THERETO AND USES THEREFOR

• NANOPARTICULES AUXQUELLES SONT ATTACHEES DES OLIGONUCLEOTIDES ET LEUR UTILISATION

(71) **NANOSPHERE INC.** [US/US]; 1818 Skokie Boulevard, Northbrook, IL 60062 (US).

(72) **MIRKIN, Chad, A.**; 111 16th Street, Wilmette, IL 60091 (US). **LETSINGER, Robert, L.**; 316 Third Street, Wilmette, IL 60091 (US). **MUCIC, Robert, C.**; 1600 Bel Aire Drive, Glendale, CA 91201 (US). **STORHOFF, James, J.**; Apartment 2J, 2121 Ridge Avenue, Evanston, IL 60201 (US). **ELGHANIAN, Robert**; Apartment 602, 8503 West Catherine Avenue, Chicago, IL 60656 (US). **TATON, Thomas, Andrew**; 1368 West Greenleaf Avenue, Apartment 1S, Chicago, IL 60626 (US). **PARK, So-Jung**; 800 Custer Avenue, Apartment #3H, Evanston, IL 60202 (US). **LI, Zhi**; 911 Sherman Avenue, Apartment 307, Evanston, IL 60202 (US).

(74) **MIAO, Emily**; 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 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 NZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) **WO 01/73124** (13) A2

(21) PCT/US01/10101

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/537,065 **28 Mar/mar 2000 US (28.03.2000)**

(30) 0007522.6 **28 Mar/mar 2000 GB (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RAPID RESPONSE GLUCOSE SENSOR
• CAPTEUR DE GLUCOSE A REPOSE RAPIDE

(63) US 09/537,065 (CON)
28 Mar/mar 2000 (28.03.2000)

(71) **INVERNESS MEDICAL TECHNOLOGY, INC.** [US/US]; 200 Prospect Street, Waltham, MA 02543 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVIES, Oliver, William, Hardwicke** [GB/GB]; 15 Drummond Circus, Inverness Circus, Inverness IV2 4QP (GB). **BECKINGHAM, Helen, Elizabeth** [GB/GB]; 6 Paton Street, Inverness IV2 4SN (GB). **HALL, Geoffrey, F.** [GB/GB]; Bridge House, Resaurie, Inverness IV2 7NH (GB).

(74) **LARSON, Marina, T.** et al. / etc.; Oppedahl & Larson LLP, P.O. Box 5068, Dillon, CO 80435-5068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) **WO 01/73125** (13) A2

(21) PCT/US01/09430

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) en (26) en

(30) 60/192,113 **24 Mar/mar 2000 US (24.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● HIGH THROUGHPUT SCREENING ARRAY CONTAINING POROUS MATERIAL
● ENSEMBLE DE CRIBLAGE A DEBIT ELEVE CONTENANT UNE MATIERE POREUSE
- (71, 72) **LYLES, Mark, B.** [US/US]; 9127 Cap Mountain Drive, San Antonio, TX 78255 (US).
- (74) **BUNTEL, Christopher, J., Ph., D.;** Baker Botts L.L.P., 910 Louisiana, Houston, TX 77002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **C12Q 1/68**
(11) **WO 01/73126** (13) A2
(21) PCT/US01/09545
(22) **24 Mar/mar 2001 (24.03.2001)**
(25) en (26) en
(30) 60/191,935 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DIAGNOSTIC DEVICES CONTAINING POROUS MATERIAL
● DISPOSITIFS DE DIAGNOSTIC CONTENANT UN MATERIAU POREUX
- (71) **LYLES, Mark, B.** [US/US]; 9127 Cap Mountain Drive, San Antonio, TX 78255 (US).
- (74) **BUNTEL, Christopher, J.;** Baker Botts L.L.P., 910 Louisiana, Houston, TX 77002 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **C12Q 1/68**
(11) **WO 01/73127** (13) A2
(21) PCT/US01/09579
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/192,606 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● IMPROVED INVASION ASSAY
● ESSAI INVASIF AMELIORE
- (71) **APPLERA CORPORATION** [US/US]; 850 Lincoln Centre Drive, Foster City, CA 94404 (US).
- (72) **LIVAK, Kenneth, J.;** 1148 Polk Lane, San Jose, CA 95117 (US). **LUCERO, Michael, Y.;** 634 Pine Terrace, South San Francisco, CA 94080 (US). **SHARAF, Muhammad, A.;** 96 Sequoyah View Drive, Oakland, CA 94605 (US).
- (74) **ABRAMS, Samuel, B.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C12Q 1/68, C12P 19/34, C07H 21/04**
(11) **WO 01/73128** (13) A1
(21) PCT/US01/09583
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/191,737 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DIAGNOSTIC POLYMORPHISMS OF TGF- β -RII PROMOTER
● POLYMORPHISMES DE DIAGNOSTIC DU PROMOTEUR DU TGF-BETA-RII
- (71) **DZGENES, LLC** [US/US]; 6420 Clayton Road, Mother Concordia Hall, Ground Floor, Richmond Heights, MO 63117 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOSKOWITZ, David, W.** [US/US]; 518 Bonhomme Woods Drive, St. Louis, MO 63132 (US).
- (74) **BUTLER, James, E.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, 16th Floor, St. Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **C12Q 1/68**
(11) **WO 01/73129** (13) A2
(21) PCT/US01/09587
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 09/536,936 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● REAL TIME MONITORING OF PCR USING LOCI
● SURVEILLANCE DE REACTIONS PCR EN TEMPS REEL AU MOYEN DE LOCI
- (71) **DADE BEHRING INC.** [US/US]; 1717 Deerfield Road, Deerfield, IL 60015 (US).
- (72) **POLLNER, Reinhold, B.;** 12879 Pine Meadow Court, San Diego, CA 92130 (US).
- (74) **RUSZALA, Lois, K.;** Dade Behring Inc., 1717 Deerfield Road, Deerfield, IL 60015 (US) et al. / etc.
- (81) CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **C12Q 1/68, 1/44, C12P 19/34, C07H 21/04**
(11) **WO 01/73130** (13) A1
(21) PCT/US01/09743
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/191,922 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DIAGNOSTIC POLYMORPHISMS OF TGF-BETA1 PROMOTER
● POLYMORPHISMES DIAGNOSTIQUES DU PROMOTEUR DU FACTEUR DE CROISSANCE TUMORALE BETA1
- (71) **DZGENES, LLC** [US/US]; 6420 Clayton Road, Ground Floor, Mother Concordia Hall, Richmond Heights, MO 63117 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MOSKOWITZ, David, W.** [US/US]; 518 Bonhomme Woods Drive, St. Louis, MO 63132 (US).
- (74) **BUTLER, James, E.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, One Metropolitan Square, St. Louis, MO 63102 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- Published / Publiée : (c)

(51)⁷ C12Q 1/68, C12P 19/34, C07H 21/04

(11) WO 01/73131 (13) A1

(21) PCT/US01/09789

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,229 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HIGH SPECIFICITY MARKER DETECTION

• DÉTECTION DE MARQUEUR À SPÉCIFICITÉ ÉLEVÉE

(71) THOMAS JEFFERSON UNIVERSITY [US/US]; Office of Technology Transfer, 1020 Locust Street, Room M6, Philadelphia, PA 19107-6799 (US).

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

(72, 75) WALDMAN, Scott, A. [US/US]; 119 Bledlyn Road, Ardmore, PA 19003 (US). FAVA, Tracy [US/US]; 25 Rocky Pond Road, Plymouth, MA 02360 (US). DESNOYERS, Rodwige [US/US]; 1204 Lucas Lane, Voorhees, NJ 08043 (US).

(74) DELUCA, Mark et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68, G01N 33/53, 33/574, A61K 39/00, 39/38

(11) WO 01/73132 (13) A1

(21) PCT/US01/09790

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,229 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITIONS AND METHODS FOR IDENTIFYING AND TARGETING CANCER CELLS OF ALIMENTARY CANAL ORIGIN

• COMPOSITIONS ET PROCÉDES D'IDENTIFICATION ET DE CIBLAGE DE CELLULES CANCÉREUSES PROVENANT DU TUBE DIGESTIF

(71) THOMAS JEFFERSON UNIVERSITY [US/US]; Office of Technology Transfer, 1020 Locust Street, Room M6, Philadelphia, PA (US).

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

(72, 75) WALDMAN, Scott, A. [US/US]; 119 Bledlyn Road, Ardmore, PA 19003 (US). PARK, Jason [US/US]; 925 Latimer Street,

Philadelphia, PA 19107 (US). SCHULZ, Stephanie [US/US]; 117 Howard Road, West Chester, PA 19380 (US).

(74) DELUCA, Mark; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/68

(11) WO 01/73133 (13) A1

(21) PCT/US01/09918

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,229 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITIONS AND METHODS FOR IDENTIFYING AND TARGETING CANCER CELLS

• COMPOSITIONS ET PROCÉDES D'IDENTIFICATION ET DE CIBLAGE DE CELLULES CANCÉREUSES

(71) THOMAS JEFFERSON UNIVERSITY [US/US]; Office of Technology Transfer, 1020 Locust Street, Room M6, Philadelphia, PA (US).

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

(72, 75) WALDMAN, Scott, A. [US/US]; 119 Bledlyn Road, Ardmore, PA 19003 (US). PARK, Jason [US/US]; 925 Latimer Street, Philadelphia, PA 19107 (US). SCHULZ, Stephanie [US/US]; 117 Howard Road, West Chester, PA 19380 (US).

(74) DeLUCA, Mark; Woodcock Washburn Kurtz Mackiewicz & Norris 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ C12Q 1/68

(11) WO 01/73134 (13) A2

(21) PCT/US01/09993

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,700 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GENE PROFILING ARRAYS

• JEUX ORDONNES D'ECHANTILLONS DE PROFILAGE GENIQUE

(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, 6011 Executive Boulevard, Suite #325, Rockville, MD 20852 (US).

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

(72, 75) WANG, Ena [CN/US]; 4500 Gretna Street, Bethesda, MD 20814 (US). MARINCOLA, Francesco, M. [US/US]; 10110 Chapel Road, Potomac, MD 20854 (US). MILLER, Lance, D. [US/US]; 13109-E Millhaven Place, Germantown, MD 20874 (US).

(74) HARDING, Tanya, M.; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C12Q 1/70

(11) WO 01/73135 (13) A2

(21) PCT/US01/09856

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,673 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPROACHES FOR HPV DETECTION AND STAGING BY TARGETING THE E6 GENE REGION OF THE VIRAL GENOME

• APPROCHES PERMETTANT DE DETECTER ET DE CLASSER HPV PAR STADES PAR CIBLAGE DE LA REGION DU GENE E6 DU GENOME VIRAL

(71) BIOSEARCH INTERNATIONAL PTY. LTD. [AU/AU]; MLC Centre, Level 67, Martin Place, Sydney 20000 (AU).

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

(71, 72) CORD, Janet, I. [US/US]; 26 West 61st Street, New York, NY 10023 (US). (only for / seulement pour GD)

(72, 75) **MOLODYSKY, Eugen** [AU/AU]; MLC Centre, Level 67, Martin Place, Sydney 2000 (AU).

(74) **CORD, Janet, I.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C21B

(11) **WO 01/73136** (13) A2

(21) PCT/EP01/03539

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 2000-94765 **30 Mar/mar 2000 JP (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PROCESS FOR MANUFACTURING MOLTEN METAL IRON

● PROCEDE DE FABRICATION DE FER METALLIQUE FONDU

(71) **MIDREX INTERNATIONAL B.V.** [CH/CH]; Zürich Branch, Bahnhofstrasse 94, CH-8001 Zürich (CH).

(72) **TANIGAKI, Yasuhiro**; c/o Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP). **URAGAMI, Akira**; c/o Kobe Steel, Ltd., 9-12, Kitashinagawa 5-chome, Shinagawa-ku, Tokyo 141-8688 (JP).

(74) **HOCK, Joachim**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

(81) AU BR CA CN IN KR MX RU UA.

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

(51)⁷ C21B 13/00

(11) **WO 01/73137** (13) A2

(21) PCT/EP01/03538

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 2000-94764 **30 Mar/mar 2000 JP (30.03.2000)**

(30) 2000-98825 **31 Mar/mar 2000 JP (31.03.2000)**

(30) 2000-116383 **18 Apr/avr 2000 JP (18.04.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD OF PRODUCING METALLIC IRON AND RAW MATERIAL FEED DEVICE

● PROCEDE DE PRODUCTION DE FER METALLIQUE ET DISPOSITIF D'APPROVISIONNEMENT EN MATIERE PREMIERE

(71) **MIDREX INTERNATIONAL B.V.** [CH/CH]; Zürich Branch, Bahnhofstrasse 94, CH-8001 Zürich (CH).

(72) **ITO, Shuzo**; Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka 541-0051 (JP). **TANIGAKI, Yasuhiro**; Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP). **KIKUCHI, Shoichi**; Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP). **TSUGE, Osamu**; Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP). **KOBAYASHI, Isao**; Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP). **HONDA, Keisuke**; Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP). **TOKUDA, Koji**; Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP). **OKAMOTO, Hidekazu**; Osaka Branch in Kobe Steel, Ltd., 1-3, Bingo-machi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).

(74) **HOCK, Joachim**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ C21C

(11) **WO 01/73138** (13) A2

(21) PCT/GB01/01333

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007073.0 **24 Mar/mar 2000 GB (24.03.2000)**

(30) GB00/03578 **18 Sep/sep 2000 GB (18.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● STEELMAKING

● ÉLABORATION D'ACIER

(71) **QUAL-CHEM LIMITED** [GB/GB]; Commercial Street, Abergwynfi, Port Talbot SA13 3YT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAY, Stephen, David** [GB/GB]; 33 Llys Le Breos, Mayals, Swansea SA3 5DL (GB). **HARRIS, Keith** [GB/GB]; 103 Mayals Road, Mayals, Swansea SA3 5DH (GB).

(74) **DAVIES, Gregory, Mark**; Urquhart-Dykes & Lord, Alexandra House, 1 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C21C 7/06

(11) **WO 01/73139** (13) A2

(21) PCT/US01/09647

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,333 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● COMPOSITIONS AND METHODS FOR THE DEOXIDATION OF STEEL

● COMPOSITIONS ET PROCEDES SERVANT A DESOXYDER L'ACIER

(71) **NEWLAND, Bart, G.** [US/US]; Rothwell, Figg, Ernst & Manbeck, P.C., 555 13th Street, N.W., Suite 701-E, Washington, DC 20004 (US).

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(71, 72) **VILLARREAL, Armando** [MX/MX]; Samaria #208, Jardines de San Augustine, Garcia, Garza, N.L. 66274 (MX).

(74) **NEWLAND, Bart, G.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 555 13th Street, N.W., Suite 701-E, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C21C 7/072, 7/10, F27D 23/02

(11) **WO 01/73140** (13) A1

(21) PCT/FR01/00918

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 00/03966 **29 Mar/mar 2000 FR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● VACUUM TREATMENT OF CAST METAL WITH SIMULTANEOUS HELIUM-INJECTION STIRRING

● TRAITEMENT SOUS VIDE D'UN METAL FONDU AVEC BRASSAGE SIMULTANE PAR INJECTION D'HELIUM

(71) **USINOR** [FR/FR]; Immeuble "La Pacific", La Défense 7, 11/13, cours Valmy, F-92800 Puteaux (FR).
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(72, 75) **STOUVENOT, François** [FR/FR]; 18, rue de Lorraine, F-54800 Labry (FR). **BURTY, Marc** [FR/FR]; 43B, rue des Trois Eveches, F-57070 Metz (FR). **DOMGIN, Jean-François** [FR/FR]; 16, rue d'Alsace, F-54110 Sommerviller (FR). **GARDIN, Pascal** [FR/FR]; 19, rue des Bénédictins, F-57000 Metz (FR). **VIALE, Dominique** [FR/FR]; 34, rue de la Blanche Borne, F-57070 Metz (FR). **REITZ, Raymond** [FR/FR]; 36, rue d'Artois, F-57180 Terville (FR). **LECLERCQ, Frédéric** [FR/FR]; 3, allée du Pré Carré, F-57000 Metz (FR).

(74) **LAGRANGE, Jacques**; Usinor, Direction de la Propriété Industrielle, Immeuble "La Pacific", TSA 10001, F-92070 La Defense Cedex (FR).

(81) AE AG AL AM AU AZ BA BB BG BR BY BZ CA CN 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 MN MW MX MZ NO NZ PL RO RU SD 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 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 GW ML MR NE SN TD TG).

(51)⁷ C21D 9/567, 1/53

(11) **WO 01/73141** (13) A1

(21) PCT/BE01/00055

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 2000/0220 **27 Mar/mar 2000 BE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND DEVICE FOR THERMAL TREATMENT OF STEEL WIRE
● PROCEDE ET DISPOSITIF DE TRAITEMENT THERMIQUE DE FIL D'ACIER

(71) **LE FOUR INDUSTRIEL BELGE** [BE/BE]; Rue des Trois Arbres 14, B-1180 Bruxelles (BE).
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(72, 75) **BRANDERS, René** [BE/BE]; Avenue de l'Indépendance Belge 27, B-1081 Bruxelles (BE). **BAUDEN, Jacques** [BE/BE]; Avenue de la Croix-Poncin 3, B-1428 Lillois (BE).

(74) **CLAEYS, Pierre** et al. / etc.; Gevers & Vander Haeghen, Rue de Livourne 7, B-1060 Bruxelles (BE).

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

/ modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

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(51)⁷ C22B 1/242

(11) **WO 01/73142** (13) A1

(21) PCT/AU01/00214

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) PQ 6546 **28 Mar/mar 2000 AU (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AGGLOMERATION OF ALUMINA
● AGGLOMERATION D'ALUMINE

(71) **ALCOA OF AUSTRALIA LIMITED** [AU/AU]; Cnr Davy and Marmion Streets, Booragoon, W.A. 6154 (AU).
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(72, 75) **ROBSON, Barry, James** [AU/AU]; 31 Tricourt Grove, Riverton, W.A. 6148 (AU). **GALLAGHER, Ronald** [AU/AU]; 18 Kestral Way, Yangebup, W.A. 6164 (AU).

(74) **WRAY & ASSOCIATES**; 239 Adelaide Terrace, Perth, W.A. 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C22B 1/243

(11) **WO 01/73143** (13) A1

(21) PCT/AU01/00213

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) PQ 6547 **28 Mar/mar 2000 AU (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AGGLOMERATION OF ALUMINA AND BINDER THEREFOR
● AGGLOMERATION D'ALUMINE ET DE LIANT DE CELLE-CI

(71) **ALCOA OF AUSTRALIA LIMITED** [AU/AU]; Cnr Davy and Marmion Streets, Booragoon, W.A. 6154 (AU).
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(72, 75) **ROBSON, Barry, James** [AU/AU]; 31 Tricourt Grove, Riverton, W.A. 6148 (AU). **GALLAGHER, Ronald** [AU/AU]; 8 Hawkesbury Retreat, Atwell, W.A. 6154 (AU).

(74) **WRAY & ASSOCIATES**; 239 Adelaide Terrace, Perth, W.A. 6000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C22B 23/00, 3/26, 3/38

(11) **WO 01/73144** (13) A2

(21) PCT/CA01/00387

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/536,202 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SOLVENT EXTRACTION PROCESS FOR THE SEPARATION OF COBALT FROM NICKEL IN AQUEOUS SULPHATE-CONTAINING SOLUTIONS
● PROCEDE D'EXTRACTION DE SOLVANT DESTINE A LA SEPARATION DU COBAL ET DU NICKEL DANS DES SOLUTIONS AQUEUSES CONTENANT DES SULFATES

(71) **DYNATEC CORPORATION** [CA/CA]; 8301-113 Street, Fort Saskatchewan, Alberta T8L 4K7 (CA).
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(72, 75) **GENIK-SAS-BEREZOWSKY, Roman, Michael** [CA/CA]; 2 LeBlanc Place, St. Albert, Alberta T8N 4P1 (CA). **DE KOCK, Felix, Petrus** [CA/CA]; #1908 9717 111 Street, Edmonton, Alberta T5K 2M6 (CA). **RAUDSEPP, Rein** [CA/CA]; 3 Green Lees Place, St. Albert, Alberta T8N 3B1 (CA).

(74) **MCKAY-CAREY, Mary, Jane**; McKay-Carey & Company, Suite 2590 Commerce pLACE, 10155 - 102nd Street, Edmonton, Alberta T5J 4G8 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C22C

(11) **WO 01/73145** (13) A2

(21) PCT/US01/09493

(22) **23 Mar/mar 2001 (23.03.2001)**

- (25) en (26) en
- (30) 60/192,707 **28 Mar/mar 2000** US
(**28.03.2000**)
- (30) 09/784,966 **16 Feb/fév 2001** US
(**16.02.2001**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **GOLD-INDIUM INTERMETALLIC COMPOUND, SHAPE MEMORY ALLOYS FORMED THEREFROM AND RESULTING ARTICLES**
- **COMPOSE INTERMETALLIQUE OR-INDIUM, ALLIAGES A MEMOIRE DE FORME PRODUITS A PARTIR DE CE COMPOSE ET ARTICLES RESULTANTS**
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).
- (72) **MORRIS, Robert, C.**; 208 Emmans Road, Flanders, NJ 07836 (US). **NARASIMHAN, Dave**; 6 Summit Trail, Flemington, NJ 08822 (US). **HASAN, Raghieb**; 265 Quaker Road, Pomona, NY 10970 (US).
- (74) **YEADON, Loria, B.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C23C**
- (11) **WO 01/73147** (13) A2
- (21) PCT/US01/10122
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/536,742 **28 Mar/mar 2000** US
(**28.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **METHOD FOR MAKING A HIGH TEMPERATURE EROSION RESISTANT COATING AND MATERIAL CONTAINING COMPACTED HOLLOW GEOMETRIC SHAPES**
- **PROCEDE DE FABRICATION D'UN REVETEMENT RESISTANT A L'EROSION ET AUX TEMPERATURES ELEVEES, ET MATERIAU CONTENANT DES FORMES GEOMETRIQUES CREUSES COMPACTEES**
- (71) **SIEMENS WESTINGHOUSE POWER CORPORATION** [US/US]; 4400 Alafaya Trail, Orlando, FL 32826-2399 (US).
- (72) **MERRILL, Gary, Brian**; 100 Oxford Drive #212, Monroeville, PA 15146 (US). **LANE, Jay, Edgar**; 4468 Maple Lane, Murrysville, PA 15668 (US).
- (74) **STAUDT, Daniel, J.** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).
- (81) JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **C23C 2/00**
- (11) **WO 01/73146** (13) A2
- (21) PCT/US01/08933
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 09/534,710 **24 Mar/mar 2000** US
(**24.03.2000**)
- (30) 09/812,217 **19 Mar/mar 2001** US
(**19.03.2001**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **CEMENTED CARBIDE TOOL AND METHOD OF MAKING**
- **OUTIL A MISES RAPPORTEES EN CARBURE ET PROCEDE DE FABRICATION**
- (71) **KENAMETAL INC.** [US/US]; P.O. Box 231, 1600 Technology Way, Latrobe, PA 15650-0231 (US).
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- (71, 72) **LIU, Yixiong** [US/US]; 317 Marigold Drive, Greensburg, PA 15601 (US). **BOTBYL, Donald, A.** [US/US]; 1310 Clearview Drive, Greensburg, PA 15601 (US). **GRAB, George, P.** [US/US]; 400 Primrose Drive, Greensburg, PA 15601 (US). **GREENFIELD, Mark, S.** [US/US]; 119 Cheshire Drive, Greensburg, PA 15601 (US).
- (71) **DELOT PROCESS** [FR/FR]; ZA Les Bordes, 10, rue Gustave Madiot, F-91070 Bondoufle (FR).
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- (72, 75) **SANCHEZ, Gérald** [FR/FR]; 4, rue Lino Ventura, F-78180 Montigny le Bretonneux (FR). **DELOT, José** [FR/FR]; Chemin de la Tabarderie, F-77570 Chateau Landon (FR).
- (74) **ALLANO, Sylvain** et al. / etc.; Pontet Allano & Associés SELARL, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (51)⁷ **C23C 2/00, C22C 38/22, 38/24, 38/26, 38/30, 38/32, 38/34, 38/36**
- (11) **WO 01/73149** (13) A1
- (21) PCT/US01/07653
- (22) **9 Mar/mar 2001 (09.03.2001)**
- (25) en (26) en
- (30) 09/535,550 **27 Mar/mar 2000** US
(**27.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **ALLOY COMPOSITION SUITABLE FOR MOLTEN MAGNESIUM ENVIRONMENT**
- **COMPOSITION D'ALLIAGE CONVENANT A DES ENVIRONNEMENTS DE MAGNESIUM FONDU**
- (71) **ALPHATECH, INC.** [US/US]; 526 Riverview Trail, Cadiz, KY 42211 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MORANDO, Jorge, A.** [US/US]; 526 Riverview Trail, Cadiz, KY 42211 (US).
- (74) **CHANDLER, Charles, W.**; 33150 Schoolcraft, Livonia, MI 48150 (US).
- (81) AU CA NO US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C23C 8/00**
- (11) **WO 01/73150** (13) A1
- (21) PCT/US01/09644
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/191,814 **24 Mar/mar 2000** US
(**24.03.2000**)
- (30) 60/226,720 **21 Aug/août 2000** US
(**21.08.2000**)
- (54) • **METHOD AND DEVICE FOR PRODUCING A METAL COATING ON AN OBJECT EMERGING FROM A MOLTEN METAL BATH**
- **PROCEDE ET DISPOSITIF POUR REALISER UN REVETEMENT METALLIQUE SUR UN OBJET SORTANT D'UN BAIN DE METAL FONDU**

(30) 60/231,193 **7 Sep/sep 2000** US
(07.09.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SCAFFOLD-ORGANIZED CLUSTERS AND ELECTRONIC DEVICES MADE USING SUCH CLUSTERS
• GROUPE ORGANISE EN ECHAFAUDAGES ET DISPOSITIFS ELECTRONIQUES FABRIQUES A L'AIDE DE CES GROUPE

(71) **THE STATE OF OREGON, acting by and through THE STATE BOARD OF HIGHER EDUCATION on behalf of THE UNIVERSITY OF OREGON** [US/US]; 1238 University of Oregon, Eugene, OR 97403-1238 (US).
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(74) **HARDING, Tanya, M.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C23C 14/00

(11) **WO 01/73151** (13) A1

(21) PCT/EP01/03443

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de

(30) 100 15 150.7 **27 Mar/mar 2000** DE
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR CONTROLLING REACTIVE SPUTTERING PROCESSES
• PROCEDE POUR REGULER DES PROCESSUS DE PULVERISATION CATHODIQUE REACTIVE

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FÖRSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
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(72, 75) **BRINGMANN, Udo** [DE/DE]; Schulstrasse 18, 25469 Halstenbek (DE). **HÖING, Thomas** [DE/DE]; Göttingstrasse 22, 38106 Braunschweig (DE). **MALKOMES, Niels** [DE/DE]; Karlstrasse 75, 38106 Braunschweig (DE). **SZYSZKA, Bernd** [DE/DE]; Glückstrasse 1, 38114 Braunschweig (DE). **VERGÖHL, Michael** [DE/DE]; Vor dem

Elm 8, 38162 Destedt (DE). **PÖCKEL-MANN, Ralf** [DE/DE]; Eissendorfer Strasse 64, 21073 Hamburg (DE).

(74) **PFFENNING, MEINIG & PARTNER GBR**; Mozartstrasse 17, 80336 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ C23C 14/06, 14/32

(11) **WO 01/73152** (13) A1

(21) PCT/GB01/01362

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 0007494.8 **28 Mar/mar 2000** GB
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LOW FRICTION COATINGS
• REVETEMENTS A FAIBLE COEFFICIENT DE FROTTEMENT

(71) **CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED** [GB/GB]; 16 Mill Lane, Cambridge CB2 1SB (GB).
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(72, 75) **AMARATUNGA, Gehan, Anil, Joseph** [GB/GB]; 235 Hills Road, Cambridge CB2 2RW (GB). **CHHOWALLA, Manish** [US/GB]; 69 Tenison Road, Cambridge CB1 2DG (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ C23C 14/16

(11) **WO 01/73153** (13) A1

(21) PCT/GB01/01407

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 0007559.8 **29 Mar/mar 2000** GB
(29.03.2000)

(30) 0010246.7 **28 Apr/avr 2000** GB
(28.04.2000)

(30) 0030465.9 **14 Dec/déc 2000** GB
(14.12.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF DEPOSITING METAL FILMS
• PROCEDE DE DEPOT DE FILMS METALLIQUES

(71) **TRIKON HOLDINGS LIMITED** [GB/GB]; Coed Rhedyn, Ringland Way, Newport, Gwent NP18 2TA (GB).
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(72, 75) **RICH, Paul** [GB/GB]; 109 Parklands, Wotton-Under-Edge, Gloucestershire GL12 7NR (GB). **HARRIS, Mark, Graeme, Martin** [GB/GB]; 6 Roman Reach, Caerleon, Newport NP18 3SG (GB).

(74) **DUNLOP, Brian, Kenneth, Charles et al.** / etc.; Wynne-Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C23C 14/34

(11) **WO 01/73154** (13) A1

(21) PCT/JP01/00405

(22) **23 Jan/jan 2001 (23.01.2001)**

(25) ja (26) ja

(30) 2000-88358 **28 Mar/mar 2000** JP
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ITO SPUTTERING TARGET
• CIBLE DE PULVERISATION CATHODIQUE POUR FORMATION D'UN FILM ITO

(71) **NIKKO MATERIALS COMPANY, LIMITED** [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) **OHASHI, Tateo** [JP/JP]; c/o Isohara Factory of Nikko Materials Company, Limited, 4, 187-banchi, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP). **KUMAHARA, Yoshikazu** [JP/JP]; c/o Isohara Factory of Nikko Materials Company, Limited, 4, 187-banchi, Usuba, Hanakawa-cho, Kitaibaraki-shi, Ibaraki 319-1535 (JP).

(74) **OGOSHI, Isamu**; TecLaw Patent & Law Office, Nishi-Shimbashi Sato Bldg., 7F, 4-1, Nishi-Shimbashi 3-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) CN JP KR US.

- (51)⁷ **C23C 14/34, B05D 5/06, H01J 5/48**
 (11) **WO 01/73155** (13) A1
 (21) PCT/US01/09683
 (22) **27 Mar/mar 2001 (27.03.2001)**
 (25) en (26) en
 (30) 09/537,095 **29 Mar/mar 2000** US
(29.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • SYSTEM AND METHOD OF COATING SUBSTRATES AND ASSEMBLING DEVICES HAVING COATED ELEMENTS
 • SYSTEME ET PROCEDURE DE REVETEMENT DE SUBSTRATS ET D'ASSEMBLAGE DE DISPOSITIFS COMPOSANT DES ELEMENTS REVETUS
- (71) **DEPOSITION SCIENCES, INC.** [US/US]; 386 Tesconi Court, Santa Rosa, CA 95401 (US).
 (72) **BARTOLOMEI, Leroy, A.**; 540 Buena Vista Drive, Santa Rosa, CA 95404 (US). **GRAY, H., Robert**; 4633 Maddocks Road, Sebastopol, CA 95472 (US).
 (74) **ENGLISH, D., Joseph**; Carter, Ledyard & Milburn, Suite 300, 1401 Eye Street, N.W., Washington, DC 20005 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C23C 14/56, H01L 21/00**
 (11) **WO 01/73157** (13) A2
 (21) PCT/US01/10440
 (22) **29 Mar/mar 2001 (29.03.2001)**
 (25) en (26) en
 (30) 09/539,158 **29 Mar/mar 2000** US
(29.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD AND APPARATUS FOR REDUCING CONTAMINATION IN A WAFER LOADLOCK OF A SEMICONDUCTOR WAFER PROCESSING SYSTEM
 • PROCEDURE ET DISPOSITIF DESTINES A REDUIRE LES IMPURETES DANS UN SAS DE CHARGEMENT DE PLAQUETTES D'UN SYSTEME DE TRAITEMENT DE PLAQUETTES A SEMI-CONDUCTEURS
- (71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).
 (72) **DAVIS, Matthew, F.**; 973 Forest Way, Box 695, Brookdale, CA 95007 (US). **MCALISTER, Douglas, R.**; 2972 Martin Avenue, Pleasanton, CA 94588 (US). **EVANS, David**; 2594 Pebble Beach Drive, Santa Clara, CA 95051 (US).
 (74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
 (81) JP KR SG.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **C23C 14/34, 14/14, C22C 21/00**
 (11) **WO 01/73156** (13) A2
 (21) PCT/US01/09813
 (22) **27 Mar/mar 2001 (27.03.2001)**
 (25) en (26) en
 (30) 60/193,354 **28 Mar/mar 2000** US
(28.03.2000)
 (30) 09/783,377 **13 Feb/fév 2001** US
(13.02.2001)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHODS OF FORMING ALUMINUM-COMPRISING PHYSICAL VAPOR DEPOSITION TARGETS; SPUTTERED FILMS; AND TARGET CONSTRUCTIONS
 • PROCEDURE DE FORMATION DE CIBLES PHYSIQUES DE METALLISATION SOUS VIDE, FILMS ASSOCIES ET CONSTRUCTION DE CIBLES
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; Box 2245, 101 Columbia Road, Morristown, NJ 07962 (US).
 (72) **SEGAL, Vladimir, M.**; 1906 South Sonora Drive, Veradale, WA 99037 (US). **LI, Jianxing**; 4908 N. Calvin Road, Spokane, WA 99216 (US). **ALFORD, Frank**; E. 14408 16th, Veradale, WA 99037 (US). **FERRASSE, Stephane**; 15821 East 4th, #F326, Veradale, WA 99037 (US).
 (74) **LATWESEN, David, G.** et al. / etc.; 601 West First Avenue, Suite 1300, Spokane, Washington, DC 99201-3828 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **C23C 16/00, 16/27, 16/02**
 (11) **WO 01/73158** (13) A1
 (21) PCT/EP01/02838
 (22) **14 Mar/mar 2001 (14.03.2001)**
 (25) de (26) de
 (30) 100 15 729.7 **29 Mar/mar 2000** DE
(29.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD FOR PRODUCING A POLYCRYSTALLINE DIAMOND ELEMENT AND ELEMENT PRODUCED ACCORDING TO SAID METHOD
 • PROCEDURE POUR PRODUIRE UN ELEMENT CONSTITUE DE DIAMANT POLYCRISTALLIN ET ELEMENT AINSI OBTENU
- (71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WOERNER, Eckhard** [DE/DE]; Hintertkirchstrasse 17, 79108 Freiburg (DE). **WILD, Christoph** [DE/DE]; Berlinerstrasse 15/3, 79211 Denzlingen (DE). **KOIDL, Peter** [DE/DE]; Bergstrasse 2, 79211 Denzlingen (DE).
 (74) **MAUCHER, Wolfgang** et al. / etc.; Dreikönigstrasse 13, 79102 Freiburg (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).
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- (51)⁷ **C23C 16/08, 16/455, 16/50, H01L 21/285**
 (11) **WO 01/73159** (13) A1
 (21) PCT/JP01/02392
 (22) **26 Mar/mar 2001 (26.03.2001)**
 (25) ja (26) ja
 (30) 2000-85511 **27 Mar/mar 2000** JP
(27.03.2000)
 (30) 2000-108120 **10 Apr/avr 2000** JP
(10.04.2000)
 (30) 2000-161507 **31 May/mai 2000** JP
(31.05.2000)
 (30) 2000-320136 **20 Oct/oct 2000** JP
(20.10.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD FOR FORMING METALLIC FILM AND APPARATUS FOR FORMING THE SAME
 • PROCEDURE ET APPAREIL PERMETTANT DE FORMER UN FILM METALLIQUE
- (71) **MITSUBISHI HEAVY INDUSTRIES, LTD.** [JP/JP]; 5-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8315 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SAKAMOTO, Hitoshi** [JP/JP]; c/o TAKASAGO Research & Development Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Arai-cho Shinjima 2-chome, Takasago-shi, Hyogo 676-8686 (JP). **NISHIMORI, Toshihiko** [JP/JP]; c/o Advanced Technology Research Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 8-1, Sachiura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-8515 (JP). **GOYA, Saneyuki** [JP/JP]; c/o Advanced Technology Research Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 8-1, Sachiura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-8515 (JP). **ABE, Takao** [JP/JP]; c/o Advanced Technology Research Center, MITSUBISHI HEAVY INDUSTRIES, LTD., 8-1, Sachiura 1-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-8515 (JP). **UEDA, Noriaki** [JP/JP]; c/o KOBE Shipyard & Machinery Works, MITSUBISHI HEAVY INDUSTRIES, LTD., 1-1, Wadasaki-cho 1-chome, Hyogo-ku, Kobe-shi, Hyogo 652-8585 (JP).
 (74) **OKUYAMA, Shoichi** et al. / etc.; 8th Floor, Akasaka NOA Bldg., 2-12, Akasaka 3-chome, Minato-ku, Tokyo 107-0052 (JP).
 (81) KR US.

(84) EP (DE FR GB).

(51)⁷ C23C 16/40, H01L 21/205, 33/00
(11) **WO 01/73160** (13) A1
(21) PCT/JP00/01876
(22) **27 Mar/mar 2000 (27.03.2000)**
(25) ja (26) ja
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR PREPARING ZINC OXIDE SEMI-CONDUCTOR MATERIAL
• PROCEDE DE PREPARATION D'UN MATERIAU SEMI-CONDUCTEUR D'OXYDE DE ZINC
(71) **TOHOKU TECHNO ARCH CO., LTD.** [JP/JP]; 468, Aza Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-0845 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HAGA, Koichi** [JP/JP]; 5-3, Matsugagoshi 1-chome, Shibata-Cyo, Shibata-gun, Miyagi 989-1744 (JP).
(74) **SHIGENOBU, Kazuo** et al. / etc.; 3F Dainichikojimachi Bld., 6-8, Kojimachi 4-chome, Chiyoda-ku, Tokyo 102-0083 (JP).
(81) CA JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ C23C 16/40, 14/08, 14/22, H01L 21/31, 21/316, 27/10, 41/22
(11) **WO 01/73161** (13) A1
(21) PCT/JP01/02631
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) ja (26) ja
(30) 2000-91603 **29 Mar/mar 2000 JP (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR PRODUCING CERAMIC AND APPARATUS FOR PRODUCING THE SAME, SEMICONDUCTOR DEVICE, AND PIEZOELECTRIC DEVICE
• PROCEDE DE PRODUCTION DE CERAMIQUE ET APPAREIL POUR SA PRODUCTION, DISPOSITIF A SEMI-CONDUCTEUR ET DISPOSITIF PIEZO-ELECTRIQUE
(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(72) **NATORI, Eiji**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
(74) **INOUE, Hajime** et al. / etc.; 2nd Floor, Ogikubo TM Bldg., 26-13, Ogikubo 5-chome, Suginami-ku, Tokyo 167-0051 (JP).
(81) CN KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
Published / Publiée : (a)

(51)⁷ C23C 18/00
(11) **WO 01/73162** (13) A2
(21) PCT/EP01/03464
(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de
(30) 100 16 215.0 **31 Mar/mar 2000 DE (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR COATING APPARATUS AND PARTS OF APPARATUS FOR THE CONSTRUCTION OF CHEMICAL INSTALLATIONS
• PROCEDE D'APPLICATION D'UN REVETEMENT SUR DES APPAREILS ET PARTIES D'APPAREILS POUR LA CONSTRUCTION D'INSTALLATIONS CHIMIQUES
(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; 67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HÜFFER, Stephan** [DE/DE]; Luitpoldstrasse 19, 67063 Ludwigshafen (DE). **KREBS, Thilo** [DE/DE]; Wupperstrasse 25, 68167 Mannheim (DE). **HUNGENBERG, Klaus-Dieter** [DE/DE]; Ortsstrasse 135, 69488 Birkenau (DE). **KÜHN, Ingolf** [DE/DE]; Wintersteiner Strasse 24, 99891 Schmerbach (DE). **JAHNS, Ekkehard** [DE/DE]; Wintergasse 19/2, 69469 Weinheim (DE). **LACH, Christian** [DE/DE]; Eduard-Jost-Strasse 16, 67098 Bad Dürkheim (DE). **KELLER, Harald** [DE/DE]; Dammstücker Weg 29, 67069 Ludwigshafen (DE). **PFAU, Andreas** [DE/DE]; Neustadter Ring 42, 67067 Ludwigshafen (DE). **FRECHEN, Thomas** [DE/DE]; Dammweg 4/4, 69123 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ C23C 18/16
(11) **WO 01/73163** (13) A1
(21) PCT/FR01/00906
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) fr (26) fr
(30) 00/03975 **29 Mar/mar 2000 FR (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR FORMING ON A METAL SUBSTRATE A PROTECTIVE SULPHUR-FREE METAL COATING
• PROCEDE POUR FORMER SUR UN SUBSTRAT METALLIQUE UN REVETEMENT METALLIQUE PROTECTEUR EXEMPT DE SOUFRE
(71) **ONERA (OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES)** [FR/FR]; 29, avenue de la Division-Leclerc, F-92320 Châtillon (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIRARD, Benoît** [FR/FR]; 23, rue de l'Oregon, F-33600 Pessac (FR). **BACOS, Marie-Pierre** [FR/FR]; 19Bis, rue Pasteur, F-92160 Antony (FR). **BERGER, Eric** [FR/FR]; 28, boulevard de l'Evasion, Appartement 422, F-95800 Cergy-Le-Haut (FR). **JOSSO, Pierre** [FR/FR]; 61 L'Aigle, 44, rue d'Erévan, F-92300 Issy Les Moulineaux (FR).
(74) **ROUSSET, Jean-Claude**; Cabinet Netter, 40, rue Vignon, F-75009 Paris (FR).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
Published / Publiée : (c)

(51)⁷ C23C 30/00, 4/10, 4/06, A47J 36/02
(11) **WO 01/73164** (13) A1
(21) PCT/FR01/00849
(22) **21 Mar/mar 2001 (21.03.2001)**
(25) fr (26) fr
(30) 00/03909 **28 Mar/mar 2000 FR (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • NON-STICK CERAMO-METALLIC COATING FOR COOKING UTENSILS
• REVETEMENT ANTI-ADHERENT CERAMO-METALLIQUE POUR USTENSILES CULINAIRES
(71) **DJA DODANE JEAN ET ASSOCIES DJA CRISTEL** [FR/FR]; Usine de la Casserie, F-25490 Feschés Le Chatel (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HANSZ, Bernard** [FR/FR]; 3, rue Mont Gargot, F-25600 Nomay (FR). **MALAVOLTA, Christophe** [FR/FR]; 49, rue du Commandant Rolland, F-25310 Herimoncourt (FR). **BRUGGER, Emmanuel** [FR/FR]; 2, rue de Beaucourt, F-25490 Dampierre-Les-Bois (FR). **DODANE, Paul** [FR/FR]; 10, rue Gustave Courbet, F-25400 Exincourt (FR). **CODDET, Christian** [FR/FR]; 19, Faubourg de Belfort, F-90200 Giromagny (FR).
(74) **BERTRAND, Didier**; SA 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **C25B 1/00, C25C 7/06, 1/16**

(11) **WO 01/73165** (13) A1

(21) PCT/ZA00/00093

(22) **5 May/mai 2000 (05.05.2000)**

(25) en (26) en

(30) 99/1460 **5 May/mai 1999 ZA (05.05.1999)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● REMOVAL OF MANGANESE FROM ELECTROLYTES

● EXTRACTION DE MANGANESE DANS DES ELECTROLYTES

(71, 72) **THOM, Michael, John** [ZA/ZA]; Tangmere Road, 4281 Marina Beach (ZA).

(74) **MCCALLUM, RADEMEYER & FREIMOND**; 7 June Avenue, 2194 Bordeaux (ZA).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **C25C 3/06**

(11) **WO 01/73166** (13) A1

(21) PCT/FR01/00806

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00/03813 **24 Mar/mar 2000 FR (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● IMPLANTATION OF INSTALLATIONS OF AN ELECTROLYSIS PLANT FOR PRODUCING ALUMINIUM

● IMPLANTATION D'INSTALLATIONS D'UNE USINE D'ELECTROLYSE POUR LA PRODUCTION D'ALUMINIUM

(71) **ALUMINIUM PECHINEY** [FR/FR]; 7, place du Chancelier Adenauer, F-75218 Paris Cedex 16 (FR).

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

(72, 75) **BOUCARD, Jean-Pierre** [FR/FR]; 510, chemin de Saint Hugues, F-38330 Biviers (FR).

(74) **MARSOLAIS, Richard**; Pechiney, 217, cours Lafayette, F-69451 Lyon Cedex 06 (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **C25D 3/60, 3/64**

(11) **WO 01/73167** (13) A1

(21) PCT/US01/08622

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 100 14 852.2 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PROCESS FOR THE DEPOSITION OF A SILVER-TIN ALLOY

● PROCEDE POUR DEPOSER UN ALLIAGE D'ARGENT ET D'ETAİN

(71) **ENTHONE-OMI INC.** [US/US]; 350 Frontage Road, West Haven, CT 06516 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEINIUS, Ortrud** [DE/DE]; Laubengang 6, 42279 Wuppertal (DE).

(74) **MUELLER, Richard, P.**; Enthone-Omi Inc., 34382 Harper Avenue, Clinton Township, MI 48035 (US).

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

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

Published / Publiée : (c)

(51)⁷ **C30B 11/02, 11/14, 1/02, 29/12**

(11) **WO 01/73168** (13) A1

(21) PCT/US01/03759

(22) **6 Feb/fév 2001 (06.02.2001)**

(25) en (26) en

(30) 00/03771 **24 Mar/mar 2000 FR (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PROCESS AND DEVICE FOR GROWING SINGLE CRYSTALS, ESPECIALLY OF CaF₂

● PROCEDE ET DISPOSITIF PERMETTANT DE PRODUIRE DES MONO-CRISTAUX, EN PARTICULIER DE CaF₂

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERVE, Patrick, J., P.** [FR/FR]; 4, Impasse Maria, F-77210 Avon (FR).

(74) **MURPHY, Edward, F.**; Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).

(81) CN JP KR RU US.

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

(51)⁷ **C30B 29/06**

(11) **WO 01/73169** (13) A1

(21) PCT/JP01/02451

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-92337 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SILICON WAFER AND METHOD FOR PRODUCING SILICON SINGLE CRYSTAL

● PLAQUETTE DE SILICIUM ET PROCEDE DE PRODUCTION D'UN MONO-CRISTAL DE SILICIUM

(71) **SHIN-ETSU HANDOTAI CO., LTD.** [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOSHI, Ryoji** [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). **FUSEGAWA, Izumi** [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). **OHTA, Tomohiko** [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP). **MAEDA, Shigemaru** [JP/JP]; c/o Shirakawa R & D Center, Shin-Etsu Handotai Co., Ltd., 150, Aza Ohira, Oaza Odakura, Nishigo-mura, Nishishirakawa-gun, Fukushima 961-8061 (JP).

(74) **YOSHIMIYA, Mikio**; Uenosansei Bldg. 4F, 6-4, Motoasakusa 2-chome, Taito-ku, Tokyo 111-0041 (JP).

(81) CN KR SG US.

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

(51)⁷ **C30B 29/16**

(11) **WO 01/73170** (13) A1

(21) PCT/JP00/01875

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ZINC OXIDE SEMICONDUCTOR MATERIAL

● MATERIAU A SEMI-CONDUCTEURS D'OXYDE DE ZINC

(71) **TOHOKU TECHNO ARCH CO., LTD.** [JP/JP]; 468, Aza Aoba, Aramaki, Aoba-ku, Sendai-shi, Miyagi 980-0845 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAGA, Koichi** [JP/JP]; 5-3, Matsugagoshi 1-chome, Shibata-Cyo, Shibata-gun, Miyagi 989-1744 (JP).

(74) **SHIGENOBU, Kazuo** et al. / etc.; 3F Dainichikojimachi Bld., 6-8, Kojimachi 4-chome, Chiyoda-ku, Tokyo 102-0083 (JP).

(81) CA JP KR US.

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

(51)⁷ **D01D 13/00, G05B 19/07, 23/02**

(11) **WO 01/73171** (13) A1

(21) PCT/EP01/02975

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 15 564.2 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● REGULATING, CONTROLLING AND POWER SUPPLY DEVICE FOR TEXTILE MACHINES

● DISPOSITIF DE REGULATION, DE COMMANDE ET D'ALIMENTATION EN ENERGIE POUR MACHINES TEXTILES

(71) **DIENES APPARATEBAU GMBH** [DE/DE]; Philipp-Reis-Strasse 16, 63165 Mühlheim am Main (DE).

(72) **GEHRMANN, Wolfgang**; Sodener Strasse 18, 63454 Hanau (DE). **LEHLE, Erhard** (deceased / décédé).

(74) **RENTZSCH, Heinz**; Schönbornring 1, 63263 Neu-Isenburg (DE).

(81) JP.

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

Published / Publiée : (c)

(51)⁷ **D01F 2/24**

(11) **WO 01/73172** (13) A1

(21) PCT/KR00/01280

(22) **9 Nov/nov 2000 (09.11.2000)**

(25) en (26) en

(30) 2000/15443 **27 Mar/mar 2000 KR (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CELLULOSIC MATERIALS HAVING COMPOSITE CRYSTALLINE STRUCTURE

● MATIERES CELLULOSIQUES A STRUCTURE CRISTALLINE COMPOSITE

(71) **SK CHEMICALS CO., LTD.** [KR/KR]; 600 Jungja-dong, Changan-gu, Suwon 440-301, Kyunggi-do (KR).

(72) **KIM, Ik, Soo**; 210-207 Dongshin Apt., Jungja-dong, Changan-gu, Suwon 440-300, Kyunggi-do (KR). **AN, Jong, Soo**; 482-42 Shinlim-4-dong, Kwanak-gu, Seoul 151-872 (KR). **KIM, Byung, Hak**; 103-202 Dongshin Apt., Jungja-dong, Changan-gu, Suwon 440-300, Kyunggi-do (KR).

(74) **RO, Wan, Goo**; Mirotec Patent & Law Office, Kyongwon Building, 3rd Floor, 823-6 Yeocksam-dong, Kangnam-gu, Seoul 130-080 (KR).

(81) AU BR CA CN JP MX.

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

(51)⁷ **D01F 6/04, D01D 4/02, F41H 5/04**

(11) **WO 01/73173** (13) A1

(21) PCT/US01/09762

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/537,461 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● HIGH TENACITY, HIGH MODULUS FILAMENT

● FILAMENT A TENACITE ET MODULE ELEVES

(71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) **KAVESH, Sheldon**; 16 North Pond Road, Whippany, NJ 07961 (US).

(74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **D01F 6/46, B32B 5/04, D04H 1/54, 3/14**

(11) **WO 01/73174** (13) A1

(21) PCT/US01/09801

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,295 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD OF MAKING A POLYPROPYLENE FABRIC HAVING HIGH STRAIN RATE ELONGATION AND METHOD OF USING THE SAME
● FABRICATION D'UN TEXTILE EN POLYPROPYLENE CARACTERISE PAR UN TAUX ELEVE D'ELONGATION SOUS CONTRAINTE ET METHODE D'UTILISATION

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

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

(72, 75) **MAUGANS, Rexford, A.** [US/US]; 211 Huckleberry Drive, Lake Jackson, TX 77566 (US). **SEHANOBISH, Kalyan** [IN/US]; 2107 South Mission Circle, Friendswood, TX 77546 (US). **ROWLAND, Michael, E.** [US/US]; 402 Daffodil, Lake Jackson, TX 77566 (US). **HERRING, Ray, A.** [US/US]; 130 Flagdrive West, Lake Jackson, TX 77566 (US). **KAARTO, John** [CA/CA]; 1459 Fayette Avenue, Verdun, Quebec H4S 2S4 (CA). **SPRINGS, Kenneth, E.** [US/US]; 341 North

Shanks Street, Clute, TX 77531 (US). **HO, Thoi, H.** [US/US]; 54 Orchid Court, Lake Jackson, TX 77566 (US).

(74) **MCKINNEY, Osborne, K.**; The Dow Chemical Company, Intellectual Property, B-1211, 2301 Brazosport Blvd., Freeport, TX 77541 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **D01H 7/16**

(11) **WO 01/73175** (13) A1

(21) PCT/KR01/00466

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ko (26) en

(30) 2000/15251 **25 Mar/mar 2000 KR (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A BOBBIN COVER PLATE USED IN TWISTER
● PLAQUE COUVRE-BOBINE POUR RETORDEUSE

(71) **KOLON INDUSTRIES, INC.** [KR/KR]; Kolon Tower, 1-23, Byulyang-dong, Kwacheon-city, Kyunggi-do 427-040 (KR). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARK, Han, Yong** [KR/KR]; 260/1501 Bosung Apt., 601 Sinmae-dong, Susung-gu, Taegu-city 706-170 (KR). **WOO, Dong, Pyo** [KR/KR]; 502-1207 Samjubonghwang-town, 100 Buk-lee, Jinrang-up, Kyongsan-city, Kyongsanbuk-do 712-830 (KR). **SHIN, Jong, Chul** [KR/KR]; 105/308 Cheunggu Apt., Ok-san-dong, Kyongsan-city, Kyongsanbuk-do 712-090 (KR).

(74) **CHO, Hwal, Rai**; Suite 1507, Yoksam Heights, 642-19, Yoksam-dong, Kangnam-ku, Seoul-city 135-080 (KR).

(81) CN ID 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 **D02H 5/02, D06B 23/06**

(11) **WO 01/73176** (13) A1

(21) PCT/EP01/03146

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 00106549.9 **27 Mar/mar 2000 EP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SIZING MACHINE COMPRISING AN ADJUSTABLE SPLITTING SECTION
● ENCOLLEUSE DOTEE D'UNE ZONE DE SEPARATION REGLABLE

(71) **IBENA TEXTILWERKE BECKMANN GMBH** [DE/DE]; Industriestrasse 7-13, 46395 Bocholt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIESSING, Gottfried** [DE/DE]; Jahnstrasse 43, 46397 Bocholt (DE).

(74) **WEISSE, Jürgen**; Bökenbusch 41, 42555 Velbert (DE) et al. / etc.

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

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

Published / Publiée : (c)

(51)⁷ **D03C 3/08, 3/20**

(11) **WO 01/73177** (13) A1

(21) PCT/CH01/00142

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 584/00 **27 Mar/mar 2000 CH (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **JACQUARD MACHINE**
• **METIER JACQUARD**

(71) **TEXTILMA AG** [CH/CH]; Seestrasse 97, CH-6052 Hergiswil (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REITER, Joseph, Nikolaus** [BE/BE]; Heuem 2, B-4783 St. Vith (BE).

(74) **SCHMAUDER & PARTNER AG**; Zwängiweg 7, CH-8038 Zürich (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **D04B 15/06**

(11) **WO 01/73178** (13) A1

(21) PCT/DE01/01049

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 15 629.0 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **CIRCULAR KNITTING MACHINE FOR MULTICOLOURED PLUSH**

• **METIER A TRICOTER CIRCULAIRE POUR ARTICLES PELUCHE MULTICOLORES**

(71) **VIKTOR ACHTER GMBH & CO KG** [DE/DE]; Tilburger Strasse 15, D-41751 Viersen (DE).

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

(72, 75) **POT D'OR, Mark** [DE/DE]; Am Feldrain 6, 41334 Nettetal (DE).

(74) **HOFFMANN . EITL**; Arabellastrasse 4, 81925 München (DE).

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

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(s) for all designations except / pour toutes les designations sauf US

(51)⁷ **D05C 17/00**

(11) **WO 01/73179** (13) A1

(21) PCT/RU01/00090

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) ru (26) ru

(30) 2000108050 **24 Mar/mar 2000 RU (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR STITCHING ARTICLES**
• **PROCEDE POUR BRODER DES ARTICLES**

(71) **OBSCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIJU "MODNY DOM" TATIYANA PAFENOVA** [RU/RU]; Nevsky prospekt, 51, St.Petersburg, 191025 (RU).

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

(72, 75) **PAFENOVA, Tatiyana Valentinovna** [RU/RU]; pr. Veteranov, 41-55, St.Petersburg, 198255 (RU).

(74) **SABUROVA, Galina Petrovna**; a/ya 71, St.Petersburg, 194017 (RU).

(81) CA US.

(84) 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).

(51)⁷ **D06B 3/00**

(11) **WO 01/73180** (13) A1

(21) PCT/BR01/00028

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PI 0001097-9 **29 Mar/mar 2000 BR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **APPARATUS TO PROCESS AND DYE FABRICS IN CORDS; WITH CONJUGATED TILTING ACCORDING TO THE DIRECTION ORIENTATION OF THE FABRIC**

• **APPAREIL DE TRAITEMENT ET DE TEINTURE DES TISSUS A COTES ASSOCIES AU BASCULEMENT TILTING SELON LA DIRECTION D'ORIENTATION DU TISSU**

(71, 72) **TAMBELLINI, Wilson** [BR/BR]; Rua Herval, 1022, Apto. 61, Belenzinho, CEP-03062-000 São Paulo, SP (BR).

(74) **DE NANI, Mario, Jr.**; Rua Fradique Coutinho, 97, cj 81 Pinheiros, CEP-05416-010 São Paulo, SP (BR).

(81) CO IN JP KR MX US.

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

(51)⁷ **D06B 23/26**

(11) **WO 01/73181** (13) A1

(21) PCT/DE01/00840

(22) **2 Mar/mar 2001 (02.03.2001)**

(25) de (26) de

(30) 100 14 965.0 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR PLAIN DYEING A TEXTILE WEB OF FABRIC**

• **PROCEDE DE TEINTURE EN UNI D'UNE BANDE CONTINUE DE MATIERE TEXTILE**

(71) **A. MONFORTS TEXTILMASCHINEN GMBH & CO** [DE/DE]; Schwalmstrasse 301, 41238 Mönchengladbach (DE).

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

(72, 75) **VAN WERSCH, Kurt** [DE/DE]; Hölderlinstrasse 21, 41844 Wegberg (DE).

(74) **VON CREYTZ, Dietrich**; Tannenweg 25, 41844 Wegberg (DE).

(81) BR CN CZ IN JP KR MX PL US.

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

(51)⁷ **D06F 39/00**

(11) **WO 01/73182** (13) A2

(21) PCT/IB01/00480

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) it (26) en

(30) TO2000A000299 **29 Mar/mar 2000 IT (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **WASHING AGENT DISPENSING DEVICE FOR A HOUSEHOLD WASHING MACHINE, IN PARTICULAR A DISHWASHER**

• **DISTRIBUTEUR DE PRODUIT DE LAVAGE POUR MACHINE A LAVER DOMESTIQUE, NOTAMMENT UN LAVE-VAISSELLE**

(71) **ELTEK S.P.A.** [IT/IT]; Strada Valenza 5A, I-15033 Casale Monferrato (IT).

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

(72, 75) **CERRUTI, Daniele** [IT/IT]; Viale Stazione 13, I-13040 Fontanetto Po (IT). **PERRUCA, Giovanni** [IT/IT]; Via Roma 104, I-13010 Motta de'Conti (IT).

(74) **DINI, Roberto**; Via Castagnole 59, I-10060 None (IT).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **D06F 95/00, 39/02**

(11) **WO 01/73183** (13) A1

(21) PCT/EP01/03025

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 996.0 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LAUNDRY FIXING
• FIXATION DE LINGE

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, 40191 Düsseldorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIPHARD, Maria** [DE/DE]; Hülsebergstrasse 9, 45279 Essen (DE). **KRAUS, Ingrid** [DE/DE]; Ellerkirchstrasse 8, 40229 Düsseldorf (DE). **ZAPKE, Ursula** [DE/DE]; Heresbachstrasse 18, 40223 Düsseldorf (DE).

(81) AU BR CA CN CZ DZ HU ID IL IN JP KR MX PL RO RU SG SI SK UA US ZA.

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

Published / Publiée : (c)

(51)⁷ **D06M**

(11) **WO 01/73184** (13) A2

(21) PCT/US01/10203

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,903 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR IMPROVING WATER ABSORBENCY OF FABRICS AND FABRICS WITH IMPROVED PROPERTIES

• PROCEDES D'AMELIORATION DE LA CAPACITE D'ABSORPTION D'EAU DES TISSUS ET TISSUS PRESENTANT DES PROPRIETES AMELIOREES

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

(72) **ARREDONDO, Victor, Manuel**; 7469 Cinnamon Woods Drive, West Chester, OH 45069 (US). **MELLEA, Michelle, Frances**; 4061 Eaton Road, Hamilton, OH 45013 (US). **PAYET, George, L.**; American Laundry Machine Incorporated, 7781 Gwenwyn Drive, Cincinnati, OH 45236 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **D06M 13/00**

(11) **WO 01/73185** (13) A2

(21) PCT/US01/10201

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,815 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR IMPROVING BRIGHTNESS OF FABRICS AND FABRICS OF IMPROVED BRIGHTNESS

• PROCEDES SERVANT A AMELIORER LA BRILLANCE DE TISSUS ET TISSUS PRESENTANT UNE BRILLANCE AMELIOREE

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

(72) **MAXFIELD, Victoria, Ann**; 4327 Hamilton Scipio Road, Hamilton, OH 45013 (US). **MELLEA, Michelle, Frances**; 4061 Eaton Road, Hamilton, OH 45013 (US). **PAYET, George, L.**; American Laundry Machine Incorporated, 7781 Gwenwyn Drive, Cincinnati, OH 45236 (US). **WALKER, Lori, Joanne**; 301 Thistlehill Drive, Loveland, OH 45140 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

GH GM HR HU ID IL IN 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **D06M 13/00**

(11) **WO 01/73186** (13) A2

(21) PCT/US01/10202

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,918 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR IMPROVING FIBRILLATION OR PILL RESISTANCE OF FABRICS AND FABRICS WITH IMPROVED PROPERTIES

• PROCEDES D'AMELIORATION DE LA RESISTANCE DE TISSUS A LA FIBRILLATION ET AU BOULCHAGE ET TISSUS PRESENTANT DES PROPRIETES AMELIOREES

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

(72) **MELLEA, Michelle, Frances**; 4061 Eaton Road, Hamilton, OH 45013 (US). **PAYET, George, L.**; American Laundry Machine Incorporated, 7781 Gwenwyn Drive, Cincinnati, OH 45236 (US). **WALKER, Lori, Joanne**; 301 Thistlehill Drive, Loveland, OH 45140 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **D06M 13/00**

(11) **WO 01/73187** (13) A2

(21) PCT/US01/10207

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,902 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS FOR REDUCING FABRIC DRYING TIME AND FABRICS WITH IMPROVED PROPERTIES

- PROCEDES DE REDUCTION DU TEMPS DE SECHAGE DE TEXTILES ET TEXTILES AYANT DES PROPRIETES AMELIOREES

(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).(72) **MELLEA, Michelle, Frances**; 4061 Eaton Road, Hamilton, OH 45013 (US). **PAYET, George, L.**; American Laundry Machine Incorporated, 7781 Gwenwyn Drive, Cincinnati, OH 45236 (US). **STRIKE, George, Louis**; 7875 Given Road, Cincinnati, OH 45243 (US). **WALKER, Lori, Joanne**; 301 Thistlehill Drive, Loveland, OH 45140 (US).(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **D06M 23/12, 13/00, 15/693**(11) **WO 01/73188** (13) A1

(21) PCT/EP01/03315

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 00106584.6 **27 Mar/mar 2000 EP (27.03.2000)**(30) 00124620.6 **10 Nov/nov 2000 EP (10.11.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DISPOSABLE CLEANING CLOTH

- CHIFFON DE NETTOYAGE JETABLE

(71) **GIVAUDAN SA** [CH/CH]; 5, chemin de la Parfumerie, CH-1214 Vernier (CH).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **QUELLET, Christian** [CH/CH]; 20, rue Neuve, CH-2502 Biel (CH). **SOPER, John, Christoph** [US/US]; 1037 Mulford Road, Lebanon, OH 45036 (US). **DUMAS, Sandrine** [CH/CH]; Kurvenstrasse 8, CH-8600 Dübendorf (CH). **RINAUDO, Elisabeth** [FR/FR]; 29, rue Camille Flammarion, F-95170 Deuil La Barre (FR).(74) **SCHAAD BALASS MENZL & PARTNER AG**; Dufourstrasse 101, Postfach, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **D06P 1/00, 3/82, D06B 11/00**(11) **WO 01/73189** (13) A1

(21) PCT/US01/06097

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 09/535,442 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTICOLOR FLOORING ARTICLE

- ARTICLE DE REVETEMENT POUR SOL MULTICOLORE

(71) **E. I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).(72) **TUNG, Wae-Hai**; 3412 Stillbrook Way, Marietta, GA 30062 (US).(74) **FAIR, Tamera, L.**; E. I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA.

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

Published / Publiée : (c)

(51)⁷ **D06P 5/00, G02C 7/04, C09K 11/02**(11) **WO 01/73190** (13) A1

(21) PCT/US01/09818

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/536,211 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FLUORESCENT CONTACT LENSES

- LENTILLES DE CONTACT FLUORESCENTES

(71) **WESLEY JESSEN CORPORATION** [US/US]; 333 East Howard Avenue, Des Plaines, IL 60018 (US).(72) **ATKINS, Barry, L.**; 6330 N. Merrimac, Chicago, IL 60646 (US). **CHAPOY, L., Lawrence**; 348 Ridge Road, Barrington, IL 60010 (US). **QUINN, Michael, H.**; 4302 Waldon Lane, Valparaiso, IN 46383 (US).(74) **KENNEDY, Linda, D.**; Brinks Hofer Gilson & Lionie, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **D06Q 1/12, D06P 5/00, B44C 1/16**(11) **WO 01/73191** (13) A1

(21) PCT/DK01/00199

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) PA 2000 00503 **24 Mar/mar 2000 DK (24.03.2000)**(30) 60/204,279 **15 May/mai 2000 US (15.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A ONE-LAYER TRANSFER FOR DECORATING TEXTILES WITH COLOURED PATTERNS

- DECALQUE MONOCOUCHE SERVANT A DECORER DES TEXTILES AVEC DES MOTIFS COLORES

(71) **STRAND, Eilif** [NO/NO]; Rugdeveien 25, N-3030 Drammen (NO).(71, 72) **FRANKE, Kell, Erik** [DK/DK]; Øster Søgade 10, DK-1357 Copenhagen K (DK).(74) **HOFMAN-BANG ZACCO A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ 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 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 GW ML MR NE SN TD TG).

(51)⁷ **D07B 3/00, 7/02**(11) **WO 01/73192** (13) A1

(21) PCT/ES00/00118

(22) **31 Mar/mar 2000 (31.03.2000)**

(25) es (26) es

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTICONDUCTOR SZ-TYPE ALTERNATE TWISTING CABLING MACHINE

- MACHINE DE CABLAGE DE TORSION ALTERNEE DE TYPE SZ MULTICONDUCTRICE
- (71) **CONSTRUCCIONES MECANICAS CABALLE, SA** [ES/ES]; Progreso 293-299, 08918 BADALONA (ES).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CABALLE VALVERDE, Rafael** [ES/ES]; Progreso 293-299, 08918 BADALONA (ES).
- (74) **MANRESA VAL, Manuel**; Girona n. 34, E-08010 Barcelona (ES).
- (81) CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **D21B 1/02**

- (11) **WO 01/73193** (13) A1
- (21) PCT/DE01/01096
- (22) **21 Mar/mar 2001 (21.03.2001)**
- (25) de (26) de
- (30) 100 14 872.7 **24 Mar/mar 2000 DE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND DEVICE FOR THE PRODUCTION OF A RECYCLED PAPER MIXTURE

- PROCEDE ET DISPOSITIF DE TRAITEMENT D'UN MELANGE DE VIEUX PAPIERS DE RECUPERATION

- (71) **ISIS GMBH SERVICEGESELLSCHAFT FÜR PLANUNG UND INSTANDHALTUNG VON ENTSORGUNGS- UND INDUSTRIEANLAGEN** [DE/DE]; Lüpertzender Strasse 6, 41061 Mönchengladbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUCHHOLZ, Gerd** [DE/DE]; Distelweg 25, 53757 Sankt Augustin (DE). **LENZEN, Clemens** [DE/DE]; Balbinasstrasse 6, 41749 Viersen (DE). **HÜSKENS, Jürgen** [DE/DE]; Vorsterstrasse 22, 41478 Viersen (DE).

- (74) **BONNEKAMP, Horst** et al. / etc.; Bankstrasse 1, 40476 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 EE ES FI GB GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **D21B 1/32**

- (11) **WO 01/73194** (13) A1
- (21) PCT/SE01/00606
- (22) **21 Mar/mar 2001 (21.03.2001)**
- (25) sv (26) en

- (30) 0001053-8 **24 Mar/mar 2000 SE (24.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • PULPER FOR PRODUCING PAPER PULP FROM WASTE PAPER

- PULPEUSE PERMETTANT DE PRODUIRE DE LA PATE A PAPIER A PARTIR DECHETS DE PAPIER

- (71) **JLR PULPING SYSTEMS AB** [SE/SE]; Svartviksslingan 11, S-167 38 Bromma (SE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SELIN, Roland** [SE/SE]; Svartviksslingan 11, S-167 38 Bromma (SE).

- (74) **HAGSTRÖM, Leif** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S-118 93 Stockholm (SE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **D21C 9/10, 11/00, 9/16**

- (11) **WO 01/73195** (13) A1

- (21) PCT/SE01/00318

- (22) **15 Feb/fév 2001 (15.02.2001)**

- (25) sv (26) en

- (30) 0001037-1 **24 Mar/mar 2000 SE (24.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • TREATMENT OF BLEACH PLANT FILTRATES

- TRAITEMENT DE FILTRATS D'USINES DE BLANCHIMENT

- (71) **KEMIRA KEMI AB** [SE/SE]; Box 902, S-251 09 Helsingborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **RAMPOTAS, Christos** [SE/SE]; Karlsgatan 1A, S-252 24 Helsingborg (SE).

- (74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).

- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **D21G**

- (11) **WO 01/73196** (13) A2

- (21) PCT/FI01/00295

- (22) **27 Mar/mar 2001 (27.03.2001)**

- (25) en (26) en

- (30) 20000718 **29 Mar/mar 2000 FI (29.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • METHOD FOR EQUALIZING THE TEMPERATURE OF A POLYMER ROLL

- PROCEDE D'UNIFORMISATION DE LA TEMPERATURE D'UN ROULEAU DE POLYMERE

- (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) **KOIVUKUNNAS, Pekka** [FI/FI]; Kauhavankuja 5, FIN-04430 Järvenpää (FI). **KUOSA, Harri** [FI/FI]; Kuusaankuja 8, FIN-04430 Järvenpää (FI). **KYYTSÖNEN, Markku** [FI/FI]; Jokivarrentie 141, FIN-04660 Numminen (FI).

- (74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **D21G 1/00, 9/00**

- (11) **WO 01/73197** (13) A1

- (21) PCT/FI01/00297

- (22) **27 Mar/mar 2001 (27.03.2001)**

- (25) fi (26) en

- (30) 20000722 **29 Mar/mar 2000 FI (29.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • METHOD AND SYSTEM FOR REGULATING THE WEB THICKNESS AND METHOD FOR CONTROLLING THE CALENDERING

- PROCEDE ET SYSTEME DE REGULATION DE L'EPAISSEUR DE LA BANDE ET PROCEDE DE REGULATION DU CALANDRAGE

- (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) **PIETIKÄINEN, Reijo** [FI/FI]; Puistotie 42 B, FIN-04420 Järvenpää (FI). **VILJANMAA, Mika** [FI/FI]; Kotinummenkuja 2 F 25, FIN-00700 Helsinki (FI). **KOIVUKUNNAS, Pekka** [FI/FI]; Kauhavankuja 5, FIN-04430 Järvenpää (FI). **MÄENPÄÄ, Tapio** [FI/FI]; Kaukopääntie 6, FIN-00950 Helsinki (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **D21G 9/00**

(11) **WO 01/73198** (13) A1

(21) PCT/US01/08115

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/536,107 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR HEADBOX CONTROL
• TECHNIQUE DE COMMANDE DE CAISSE DE TETE

(71) **ABB AUTOMATION INC.** [US/US]; 650 Ackerman Road, Columbus, OH 43202 (US).

(72) **CHEN, Shih-Chin**; 7160 Coventry Woods Drive, Dublin, OH 43017 (US). **MURPHY, Timothy, F.**; 1056 Grandview Avenue, Columbus, OH 43212 (US).

(74) **STEVENS, Richard, C.** et al. / etc.; King & Schickl 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **D21H 19/56**

(11) **WO 01/73199** (13) A1

(21) PCT/EP01/03469

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de

(30) 100 15 262.7 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PAPER COATING SLIPS CONTAINING BINDING AGENTS WITH MACROMONOMERS

• PATES DE COUCHAGE POUR PAPIER, CONTENANT DES LIANTS A MACROMONOMERES

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

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

(72, 75) **SCHÄDLER, Volker** [DE/DE]; Haardtstrasse 18, 68163 Mannheim (DE). **CHRISTIE, David** [AU/DE]; Nietzschesstrasse 11, 68165 Mannheim (DE). **ETTL, Roland** [DE/DE]; Fritz-Haber-Strasse 3b, 67454 Hassloch (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **D21H 19/62**

(11) **WO 01/73200** (13) A1

(21) PCT/JP01/00718

(22) **1 Feb/fév 2001 (01.02.2001)**

(25) ja (26) ja

(30) 2000-92255 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RESIN FOR PAPER COATING AND COMPOSITION FOR PAPER COATING USING THE RESIN

• RESINE POUR LE COUCHAGE DU PAPIER ET COMPOSITION POUR LE COUCHAGE DU PAPIER UTILISANT LADITE RESINE

(71) **JAPAN PMC CORPORATION** [JP/JP]; 2-8, Sotokanda 6-chome, Chiyoda-ku, Tokyo 101-0021 (JP).

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(72, 75) **IWATA, Satoru** [JP/JP]; Japan PMC Corporation, 17-2, Yahata-Kaigan-Dori, Ichihara-shi, Chiba-ken 290-0067 (JP). **KAIHARA, Hiroya** [JP/JP]; Japan PMC Corporation, 17-2, Yahata-Kaigan-Dori, Ichihara-shi, Chiba-ken 290-0067 (JP). **MIYAMOTO, Kazuya** [JP/JP]; Japan PMC Corporation, 17-2, Yahata-Kaigan-Dori, Ichihara-shi, Chiba-ken 290-0067 (JP).

(74) **FUKUMURA, Naoki**; 401, Chuo-Dainana Nishi-Shinjuku Bldg., 18-5, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **D21H 21/12**

(11) **WO 01/73201** (13) A1

(21) PCT/US01/04245

(22) **8 Feb/fév 2001 (08.02.2001)**

(25) en (26) en

(30) 09/537,104 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FOAM CONTROL COMPOSITION AND METHOD FOR CONTROLLING FOAM IN AQUEOUS SYSTEMS

• COMPOSITION ANTIMOUSSE ET TECHNIQUE PERMETTANT DE LIMITER LA FORMATION DE MOUSSE DANS DES MILIEUX AQUEUX

(71) **HERCULES INCORPORATED** [US/US]; Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

(72) **WALTERICK, Gerald, C., Jr.**; 24 Farmbrook Drive, Levittown, PA 19055 (US).

(74) **SLOAN, Martin, F.**; Hercules Incorporated, Hercules Plaza, 1313 North Market Street, Wilmington, DE 19894-0001 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **D21H 21/12**

(11) **WO 01/73202** (13) A1

(21) PCT/US01/09518

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/537,104 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FOAM CONTROL COMPOSITION AND METHOD FOR CONTROLLING FOAM IN AQUEOUS SYSTEMS

• COMPOSITIONS DE CONTROLE DE LA MOUSSE ET PROCEDE DE CONTROLE DE LA MOUSSE DANS DES SYSTEMES AQUEUX

- (71) **BETZDEARBORN INC.** [US/US]; 4636 Somerton Road, Trevoise, PA 19053-6783 (US).
- (72) **WALTERICK, Gerald, C., Jr.**; 24 Farmbrook Drive, Levittown, PA 19055 (US).
- (74) **BOYD, Steven, D.**; BetzDearborn Inc., 4636 Somerton Road, Trevoise, PA 19053-6783 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **E01B 9/34**

(11) **WO 01/73203** (13) A1

(21) PCT/CA01/00405

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 2,303,051 **29 Mar/mar 2000 CA (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RAIL INSULATOR
• ISOLANT DE RAIL

(71, 72) **IGWEMEZIE, Jude, O.** [CA/CA]; Suite 207, 1020 Denison Street, Markham, Ontario L3R 3W5 (CA).

(74) **RIDOUT & MAYBEE**; Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).

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

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(51)⁷ **E01C 1/00**

(11) **WO 01/73204** (13) A1

(21) PCT/JP01/02320

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-90429 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF CONSTRUCTING STRUCTURES USEFUL AS CATWALKS AND BUILDING SCAFFOLDS ON SLOPES, AND CATWALK AND BUILDING SCAFFOLD CONSTRUCTED THEREBY
• PROCEDE DE CONSTRUCTION DE STRUCTURES UTILES TELLES QUE

DES PASSERELLES OU DES ECHAFAUDAGES DE BATIMENT SANS REMANIER DES TALUS, ET PASSERELLES ET ECHAFAUDAGES DE BATIMENT REALISES PAR CE PROCEDE

(71, 72) **FUKUI, Tomio** [JP/JP]; 18-5, Kamiyama 4-chome, Setagaya-ku, Tokyo 154-0011 (JP).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **E01C 5/22**

(11) **WO 01/73205** (13) A1

(21) PCT/US01/08950

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/534,740 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR CONSTRUCTING A TEMPORARY PARKING LOT
• PROCEDE ET SYSTEME DE CONSTRUCTION D'UN PARC DE STATIONNEMENT PROVISOIRE

(71) **CENTER WEST ENTERPRISES** [US/US]; 1544 N. Main Street, Niles, OH 44446 (US).

(72) **POLIVKA, Basil, A.**; 105 Lexie Lane, Warren, OH 44484 (US).

(74) **WESORICK, Richard, S.**; Tarolli, Sundheim, Covell, Tummino & Szabo, 1111 Leader Building, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **E01D 2/00, 19/12, 101/26, 101/28, 101/30**

(11) **WO 01/73206** (13) A1

(21) PCT/GB01/01338

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007328.8 **28 Mar/mar 2000 GB (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PRE-FORMED BRIDGE DECK MODULE
• MODULE DE PONT PRECONSTITUE

(71) **PELL FRISCHMANN CONSULTANTS LTD** [GB/GB]; George House, George Street, Wakefield WF1 1LY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PHEBY, David, Granville** [GB/GB]; Pell Frischmann Consultants Ltd, George House, George Street, Wakefield WF1 1LY (GB). **DEAN, Brian** [GB/GB]; Pell Frischmann Consultants Ltd, George House, George Street, Wakefield WF1 1LY (GB).

(74) **ORR, William, McLean**; Urquhart-Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **E01F 15/08**

(11) **WO 01/73207** (13) A1

(21) PCT/KR01/00500

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ko (26) en

(30) 2000/16266 **29 Mar/mar 2000 KR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SHOCK ABSORBER FOR CAR COLLISION ON THE ROADS
• SYSTEME AMORTISSEUR POUR COLLISION ENTRE VEHICULES SUR ROUTE

(71, 72) **LEE, Youngdal** [KR/KR]; #502, Hanul Bestvil, 517-7, Gwangan-dong, Suyoung-gu, Pusan 613-100 (KR).

(74) **PARK, Wonyong** et al. / etc.; 6F, Yosam Building, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ E02B 9/00

(11) WO 01/73208

(13) A1

(21) PCT/IB01/00492

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en

(26) en

(30) MO2000A000061 30 Mar/mar 2000 IT
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HYDROELECTRIC POWER PLANT WITH PENSTOCKS INSTALLED ON THE BED OF A RIVER

- CENTRALE HYDROELECTRIQUE COMPRENANT DES CONDUITES FORCEES INSTALLEES DANS LE LIT D'UNE RIVIERE

(71, 72) TOSI, Paolo, Mario [IT/IT]; Via Monte Rosa, 1/2, I-21052 Busto Arsizio (IT).

(74) FIAMMENGHI-DOMENIGHETTI

DELFINA; c/o Fiammenghi-Fiammenghi, Via San Gottardo, 15, CH-6900 Lugano (CH).

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

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

(51)⁷ E02D 5/14

(11) WO 01/73209

(13) A1

(21) PCT/EP01/03123

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en

(26) en

(30) 90557 29 Mar/mar 2000 LU
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR DRIVING SHEET PILES
• PROCEDE D'ENFONCEMENT DE PILES DE FEUILLES(71) INTERNATIONAL SHEET PILING COMPANY SARL [LU/LU]; 66, r. de Luxembourg, 4009 Esch-sur-Alzette (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOULIN, Jean-Michel [FR/FR]; 5 allée du Fort, F-57070 Saint Julien-lès-Metz (FR). RIX, André [BE/BE]; 17 rue d'Aubange, B-6780 Messancy (BE).

(74) SCHMITT, Armand et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, 8001 Strassen (LU).

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

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

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(51)⁷ E02D 5/14, 5/08

(11) WO 01/73210

(13) A1

(21) PCT/EP01/03131

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en

(26) en

(30) 90558 29 Mar/mar 2000 LU
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR SECURING SHEET PILES

- PROCEDE PERMETTANT DE FIXER DES RIDEAUX DE PALPLANCHES

(71) INTERNATIONAL SHEET PILING COMPANY SARL [LU/LU]; 66, r. de Luxembourg, 4009 Esch-sur-Alzette (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOULIN, Jean-Michel [FR/FR]; 5 allée du Fort, F-57070 Saint Julien-lès-Metz (FR). RIX, André [BE/BE]; 17 rue d'Aubange, B-6780 Messancy (BE).

(74) SCHMITT, Armand et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (LU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ E02D 5/14

(11) WO 01/73211

(13) A1

(21) PCT/EP01/03249

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en

(26) en

(30) 90 559 29 Mar/mar 2000 LU
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR BUILDING SHEET PILE WALLS

- PROCEDE DE CONSTRUCTION DE MURS A PALPLANCHES

(71) INTERNATIONAL SHEET PILING COMPANY SARL [LU/LU]; 66, r. de Luxembourg, 4009 Esch-sur-Alzette (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MOULIN, Jean-Michel [FR/FR]; 5 allée du Fort, F-57070 Saint Julien-lès-Metz (FR). RIX, André [BE/BE]; 17 rue d'Aubange, B-6780 Messancy (BE).

(74) SCHMITT, Armand et al. / etc.; Office Ernest T. Freylinger S.A., B.P. 48, 8001 Strassen (LU).

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

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

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(51)⁷ E02D 27/34, E04H 9/02

(11) WO 01/73212

(13) A1

(21) PCT/MK01/00001

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en

(26) en

(30) 20000021 31 Mar/mar 2000 MK
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ASEISMIC SUPPORTING STRUCTURE
• STRUCTURE SUPPORT ASISMIQUE

(71, 72) ANTIMOVSKI, Antim [MK/MK]; ulica "Oslo", 10 A, 91000 Skopje (MK). TAŠKOV, Ljubomir [MK/MK]; "Prolet", 1/3-1, 91000 Skopje (MK). KOKALEVSKI, Mirče [MK/MK]; ulica "Georgi Sugare" 8/4-2, 91000 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

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(11) WO 01/73213

(13) A1

(21) PCT/US00/07951

(22) 24 Mar/mar 2000 (24.03.2000)

(25) en

(26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SPADE WHEEL APPARATUS FOR DREDGING EQUIPMENT AND ASSOCIATED METHOD
• APPAREIL A ROUE A GRIFFES DESTINE A UN EQUIPEMENT DE DRAGAGE ET PROCEDE ASSOCIE(71) CATERPILLAR INC. [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SATZLER, Ronnie, L. [US/US]; 16615 W. Streitmatter Road, Princeville, IL 61559-9428 (US).

(74) **KERCHEP, Kevin, M.** et al. / etc.; Caterpillar Inc., 100 N.E. Adams Street, Peoria, IL 61629-6490 (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **E02F 3/40, 7/06**
(11) **WO 01/73214** (13) A1
(21) PCT/DE01/00899
(22) **7 Mar/mar 2001 (07.03.2001)**
(25) de (26) de
(30) 100 14 415.2 **24 Mar/mar 2000 DE (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • **LOADER AND BULLDOZER FOR SORTING RUMBLE**
• **VEHICULE CHARGEUR ET DEBLAYEUR POUR LE TRIAGE DE GRAVATS**
(71, 72) **RÖSSMANN, Markus** [DE/DE]; 47, Klosterhardterstrasse, 46119 Oberhausen (DE).

(74) **SCHULTE, Jörg**; Hauptstrasse 2, 45219 Essen (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **E02F 9/00, 9/20, G05B 23/02, G07C 3/02**
(11) **WO 01/73215** (13) A1
(21) PCT/JP01/02741
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) ja (26) ja
(30) 2000-97996 **31 Mar/mar 2000 JP (31.03.2000)**
(30) 2000-98032 **31 Mar/mar 2000 JP (31.03.2000)**
(30) 2000-304938 **4 Oct/oct 2000 JP (04.10.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD AND SYSTEM FOR MANAGING CONSTRUCTION MACHINE, AND ARITHMETIC PROCESSING APPARATUS**

• **PROCEDE ET SYSTEME DE GESTION D'UNE MACHINE DE CONSTRUCTION, ET APPAREIL DE TRAITEMENT ARITHMETIQUE**

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijukumachi, Tsuchiura-shi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 203, Sakaecho 4-chome, Ushiku-shi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Ohyama, Miho-mura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Tagucho, Ushiku-shi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shiho-ryo, 20-29, Kandatsuchuo 2-chome, Tsuchiura, Ibaraki 300-0011 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tonemachi, Kitasoma-gun, Ibaraki 300-1622 (JP). **MIURA, Shuichi** [JP/JP]; 1-1-206, Sengendainishi 3-chome, Koshigaya-shi, Saitama 343-0041 (JP). **MITSUAYA, Koji** [JP/JP]; 1-31-407, Akebono 5-chome, Kashiwa-shi, Chiba 277-0841 (JP). **SAITO, Yoshiaki** [JP/JP]; 13-3-102, Touwa 3-chome, Adachi-ku, Tokyo 120-0003 (JP). **SATO, Atsushi** [JP/JP]; 40-11, Aoyagi 7-chome, Soka-shi, Saitama 340-0002 (JP).
(74) **KASUGA, Yuzuru**; 7F, Kyodo Building-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (JP).

(81) CN JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **E02F 9/16**
(11) **WO 01/73216** (13) A1
(21) PCT/JP01/02529
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) ja (26) ja
(30) 2000-089171 **28 Mar/mar 2000 JP (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **CABIN OF CONSTRUCTION MACHINERY**
• **CABINE D'ENGIN DE CONSTRUCTION**

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SAKYO, Tsuyoshi** [JP/JP]; 2645-64, Shimoinayoshi, Chiyoda-machi, Niihari-gun, Ibaraki 315-0052 (JP).
(74) **KAGEI, Toshitsugu**; Daiichi Taisho Tatemono Bldg; 4F, 9-12, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) CN KR US.
(84) EP (DE FR GB IT SE).

(51)⁷ **E02F 9/20**
(11) **WO 01/73217** (13) A1
(21) PCT/JP01/02740
(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja
(30) 2000-97953 **31 Mar/mar 2000 JP (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD FOR MANAGING CONSTRUCTION MACHINE AND ARITHMETIC PROCESSING APPARATUS**
• **PROCEDE DE GESTION D'UN ENGIN DE CONSTRUCTION ET DISPOSITIF DE TRAITEMENT ARITHMETIQUE**

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijukumachi, Tsuchiura-shi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 203, Sakaecho 4-chome, Ushiku-shi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Oyama, Miho-mura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Tagucho, Ushiku-shi, Ibaraki 300-1236 (JP). **MIURA, Shuichi** [JP/JP]; 1-1-206, Sengendainishi 3-chome, Koshigaya-shi, Saitama 343-0041 (JP). **MITSUAYA, Koji** [JP/JP]; 1-31-407, Akebono 5-chome, Kashiwa-shi, Chiba 277-0841 (JP). **SAITO, Yoshiaki** [JP/JP]; 13-3-102, Towa 3-chome, Adachi-ku, Tokyo 120-0003 (JP). **SATO, Atsushi** [JP/JP]; 40-11, Aoyagi 7-chome, Soka-shi, Saitama 340-0002 (JP).

(74) **KASUGA, Yuzuru**; 7F, Kyodo Bldg.-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (JP).
(81) CN JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **E02F 9/20, H04M 11/00**
(11) **WO 01/73218** (13) A1
(21) PCT/JP01/02781
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) ja (26) ja
(30) 2000-100018 **31 Mar/mar 2000 JP (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **SYSTEM FOR CHANGING FUNCTION OF WORK MACHINE AND BASE STATION**
• **SYSTEME DE CHANGEMENT DE FONCTION POUR MACHINE ET STATION DE BASE**

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATANABE, Hiroshi** [JP/JP]; 1082-66, Tagucho, Ushiku-shi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shiho-ryo, 20-29, Kandatsuchuo 2-chome, Tsuchiura-shi, Ibaraki 300-0011 (JP). **ADACHI, Hiroyuki** [JP/JP]; 848, Okijukumachi, Tsuchiura-shi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 4-203, Sakaecho, Ushiku-shi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Ohyama, Miho-mura, Inashiki-gun, Ibaraki 300-0402 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa,

- Tone-machi, Kitasoma-gun, Ibaraki 300-1622 (JP).
- (74) **TAMIYA, Hiroshi**; Meisan Tameike Building, 8th floor, 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E02F 9/20, G05B 23/02, G07C 3/02**
- (11) **WO 01/73219** (13) A1
- (21) PCT/JP01/02782
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-100020 **31 Mar/mar 2000 JP (31.03.2000)**
- (30) 2000-100024 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR MEASURING ACTUAL OPERATION HOURS OF WORK MACHINE PLACED IN WORK FIELD, DATA COLLECTING/MANAGING SYSTEM, AND BASE STATION
- PROCEDE DESTINE A MESURER LES HEURES DE FONCTIONNEMENT D'UNE MACHINE DE CHANTIER PLACEE DANS UN CHANTIER, SYSTEME DE COLLECTE/GESTION DE DONNEES, ET STATION DE BASE
- (71) **HITACHI CONSTRUCTION MACHINERY CO., LTD** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WATANABE, Hiroshi** [JP/JP]; 1082-66, Tagucho, Ushiku-shi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shihou-ryo, 20-29, Kandatsuchuo 2-chome, Tsuchiura-shi, Ibaraki 300-0011 (JP). **ADACHI, Hiroyuki** [JP/JP]; 848, Okijukumachi, Tsuchiura-shi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 4-203, Sakaecho, Ushiku-shi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Oyama, Miho-mura, Inashiki-gun, Ibaraki 300-0402 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tone-machi, Kitasoma-gun, Ibaraki 300-1622 (JP).
- (74) **TAMIYA, Hiroshi**; Meisan Tameike Building, 8th floor, 1-12, Akasaka 1-chome, Minato-ku, Tokyo 107-0052 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E02F 9/20**
- (11) **WO 01/73220** (13) A1
- (21) PCT/JP01/02809
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-99086 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CONSTRUCTION MACHINE MANAGEMENT SYSTEM AND CONSTRUCTION MACHINE
- SYSTEME DE GESTION D'UNE MACHINE DE CONSTRUCTION ET MACHINE DE CONSTRUCTION
- (71) **HITACHI CONSTRUCTION MACHINERY CO., LTD** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijukumachi, Tsuchiurashi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 4-203, Sakaecho, Ushikushi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Ohyama, Mihomura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Taguuchou, Ushikushi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shihouryou, 2-20-29, Kandatsuchuo, Tsuchiurashi, Ibaraki 300-0011 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tonemachi, Kitasouma-gun, Ibaraki 300-1622 (JP).
- (74) **NAGAI, Fuyuki**; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E02F 9/20, G05B 23/02**
- (11) **WO 01/73222** (13) A1
- (21) PCT/JP01/02811
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-99137 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • WORK MACHINE REPORT CREATING METHOD, CREATING SYSTEM, AND CREATING APPARATUS
- PROCEDE D'ETABLISSEMENT DE RAPPORT DE MACHINE DE CHANTIER, ET SYSTEME ET APPAREIL D'ETABLISSEMENT ASSOCIES
- (71) **HITACHI CONSTRUCTION MACHINERY CO., LTD** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijukumachi, Tsuchiurashi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 4-203, Sakaecho, Ushikushi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Ohyama, Mihomura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Taguuchou, Ushikushi, Ibaraki 300-1236 (JP). **MIURA, Shuichi** [JP/JP]; 3-1-1-206, Sengendainishi, Koshi-gayashi, Saitama 343-0041 (JP). **MITSUYA, Koji** [JP/JP]; 5-1-31-407, Akebono, Kashiwashi, Chiba 277-0841 (JP). **SAITO, Yoshiaki** [JP/JP]; 3-13-3-102, Touwa, Adachi-ku, Tokyo 120-0003 (JP). **SATO, Atsushi** [JP/JP]; 7-40-11, Aoyagi, Soukashi, Saitama 340-0002 (JP).
- (74) **NAGAI, Fuyuki**; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E02F 9/20**
- (11) **WO 01/73223** (13) A2
- (21) PCT/JP01/02813
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-099163 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • WORK MANAGING METHOD SUITED TO WORK SITE, MANAGING SYSTEM, AND MANAGING APPARATUS
- MISE EN OEUVRE D'ENGINS DE CHANTIER POUR UN CHANTIER DU BTP, SYSTEME ET DISPOSITIF DE GESTION
- (71) **HITACHI CONSTRUCTION MACHINERY CO., LTD** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijukumachi, Tsuchiurashi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 4-203, Sakaecho, Ushikushi, Ibaraki 300-1233 (JP).

- SUGIYAMA, Genroku** [JP/JP]; 2337, Ohyama, Mihomura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Taguuchou, Ushikushi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shihouryou, 2-20-29, kandatsuchuuou, Tsuchiurashi, Ibaraki 300-0011 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tonemachi, Kitasouma-gun, Ibaraki 300-1622 (JP).
- (74) **NAGAI, Fuyuki**; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E02F 9/20, G05B 23/02**
- (11) **WO 01/73224** (13) A1
- (21) PCT/JP01/02815
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-99139 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • FAILURE MEASURE OUTPUTTING METHOD, OUTPUT SYSTEM, AND OUTPUT DEVICE
- PROCEDE DE PRODUCTION DE MESURE D'ECART, SYSTEME ET DISPOSITIF DE SORTIE
- (71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijyukumachi, Tsuchiurashi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 4-203, Sakae-chou, Ushikushi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Ohyama, Mihomura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Taguuchou, Ushikushi, Ibaraki 300-1236 (JP). **MIURA, Shuichi** [JP/JP]; 3-1-1-206, Sengendainishi, Koshigayashi, Saitama 343-0041 (JP). **MITSUYA, Koji** [JP/JP]; 5-1-31-407, Akebono, Kashiwashii, Chiba 277-0841 (JP). **SAITO, Yoshiaki** [JP/JP]; 3-13-3-102, Touwa, Adachi-ku, Tokyo 120-0003 (JP). **SATO, Atsushi** [JP/JP]; 7-40-11, Aoyagi, Soukashi, Saitama 340-0002 (JP).
- (74) **NAGAI, Fuyuki**; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E02F 9/20, G05B 23/02**
- (11) **WO 01/73226** (13) A1
- (21) PCT/JP01/02853
- (22) **2 Apr/avr 2001 (02.04.2001)**
- (25) ja (26) ja
- (30) 2000-98118 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND SYSTEM FOR MANAGING CONSTRUCTION MACHINE, AND ARITHMETIC PROCESSING APPARATUS
- PROCEDE ET SYSTEME DE GESTION D'UNE MACHINE DE CONSTRUCTION ET APPAREIL DE TRAITEMENT ARITHMETIQUE
- (71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WATANABE, Hiroshi** [JP/JP]; 1082-66, Tagucho, Ushiku-shi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shiho-ryo, 20-29, Kandatsuchuo 2-chome, Tsuchiura-shi, Ibaraki 300-0011 (JP). **ADACHI, Hiroyuki** [JP/JP]; 848, Okijyukumachi, Tsuchiura-shi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 203, Sakaecho 4-chome, Ushiku-shi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Oyama, Miho-mura, Inashiki-gun, Ibaraki 300-0402 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tonemachi, Kitasouma-gun, Ibaraki 300-1622 (JP).
- (74) **KASUGA, Yuzuru**; 7F., Kyodo Building-Shinkodenmachi, 1-3, Nihonbashi-Kodenmachi, Chuo-ku, Tokyo 103-0001 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E03C 1/18**
- (11) **WO 01/73227** (13) A1
- (21) PCT/GB01/01251
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 0007319.7 **24 Mar/mar 2000 GB (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • KITCHEN AND SANITARY INSTALLATIONS
- EQUIPEMENTS POUR CUISINES ET SANITAIRES
- (71) **AGA FOODSERVICE GROUP LIMITED** [GB/GB]; Headland House, New Coventry Road, Sheldon, Birmingham B26 3AZ (GB). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **FOZARD, Richard, John** [GB/GB]; 17 Station Road, Borrowash, Derby, Derbyshire DE72 3LG (GB). **ROBERTS, Michael, Richard** [GB/GB]; 36 Larges Street, Derby, Derbyshire DE1 1DN (GB).
- (74) **GALLAFENT, Richard, John**; Gallafent & Co., 9 Staple Inn, London WC1V 7QH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **E03D 5/10**
- (11) **WO 01/73228** (13) A1
- (21) PCT/KR01/00501
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 2000-16909 **31 Mar/mar 2000 KR (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • APPARATUS AND METHOD FOR SAVING WATER USED FOR TOILET BOWL
- APPAREIL ET PROCEDE PERMETTANT D'ECONOMISER L'EAU UTILISEE DANS UNE CUVETTE DE TOILETTES
- (71) **ESAVE CO., LTD.** [KR/KR]; 711 Regent Officetel, 547-8 Kuei-dong, Kwangjin-gu, Seoul 143-709 (KR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PARK, Ip-Kun** [KR/KR]; 1-1001 Sina APT., 271-3 Pungnab-dong, Songpa-gu, Seoul 138-040 (KR). **KIM, Jong-Koo** [KR/KR]; 11/6 452-6 Daeya-dong, Siheung-city, Kyungki-do 429-010 (KR).

(74) **MOON, Seung-Young**; 402 Teheran Building, 825-33, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 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 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 GW ML MR NE SN TD TG).

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(21) PCT/JP01/02467

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-95230 **29 Mar/mar 2000 JP (29.03.2000)**

(30) 2000-273272 **8 Sep/sep 2000 JP (08.09.2000)**

(30) 2000-293881 **27 Sep/sep 2000 JP (27.09.2000)**

(30) 2000-293912 **27 Sep/sep 2000 JP (27.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WATER CLOSET
• WATER-CLOSET

(71) **TOTO LTD.** [JP/JP]; 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAHARA, Hidetaka** [JP/JP]; Toto Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka 802-8601 (JP). **NODA, Shosaku** [JP/JP]; Toto, Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka, 802-8601 (JP). **SHIMBARA, Noboru** [JP/JP]; Toto, Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka, 802-8601 (JP). **SHIBATA, Shinji** [JP/JP]; Toto, Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka, 802-8601 (JP). **SHINKAWA, Masahiro** [JP/JP]; Toto, Ltd., 1-1, Nakashima 2-chome, Kokurakita-ku, Kitakyushu-shi, Fukuoka, 802-8601 (JP). **MAT-SUO, Nobusuke** [JP/JP]; 18-26, Seiwadai 2-chome, Kokuraminami-ku, Kitakyushu-shi, Fukuoka, 803-0973 (JP).

(74) **SAKAGUCHI, Yoshihiko**; 202 Sanii Haitsu Urawa, 13-5, Kitaurawa 1-chome, Saitama-shi, Saitama 336-0002 (JP).

(81) AE AL AU BA BB BG BR CA CN CO CR CU CZ DM EE GD GE HR HU ID IL IN IS KP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK SL TR TT TZ UA US UZ VN YU ZA.

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

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **E03F 5/02, E02D 29/12, B29C 63/34**

(11) **WO 01/73230** (13) A1

(21) PCT/GB01/01269

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007370.0 **28 Mar/mar 2000 GB (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A LINER
• REVETEMENT

(71) **THE STAKKA BOX COMPANY LIMITED** [GB/GB]; Yardley Road, Knowsley Industrial Park, Kirkby, Liverpool L33 7SS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRINGLE, Graeme** [GB/GB]; 17 Beverley Road, Wallasey, Wirral CH45 6XL (GB).

(74) **DOWNEY, William, Gerrard** et al. / etc.; Wilson Gunn M' Caw, 41-51 Royal Exchange, Cross Street, Manchester M2 7BD (GB).

(81) GB US.

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

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(51)⁷ **E03F 5/04 // A47K 3/40**

(11) **WO 01/73231** (13) A1

(21) PCT/DK01/00203

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) PA 2000 00508 **24 Mar/mar 2000 DK (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A DRAIN AND A BUILDING STRUCTURE HAVING A DRAIN
• DRAIN ET STRUCTURE DE BATIMENT POSSEDANT UN DRAIN

(71, 72) **NIELSEN, Claus, Dyre** [DK/DK]; Skovvej 32, DK-2820 Gentofte (DK).

(74) **HOFMAN-BANG ZACCO A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **E03F 7/12, F16L 55/48**

(11) **WO 01/73232** (13) A1

(21) PCT/DE01/01039

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 14 703.8 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR RETRIEVING PREDETERMINED LOCATIONS IN SEWER AND PIPELINE SYSTEMS
• PROCEDE PERMETTANT DE RETROUVER DES EMPLACEMENTS PREDEFINIS DANS DES SYSTEMES DE CONDUITES D'EGOUT ET DE CANALISATIONS

(71) **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 68, 80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUNSER, Roland** [DE/DE]; Rastatter Strasse 73a, 76199 Karlsruhe (DE). **KUNTZE, Helge-Björn** [DE/DE]; Ettinger Strasse 9, 76297 Stutensee (DE). **HARTRUMPF, Matthias** [DE/DE]; Hertzstrasse 164b, 76187 Karlsruhe (DE).

(74) **GAGEL, Roland**; Landsbergerstrasse 480a, 81241 München (DE).

(81) US.

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

(51)⁷ **E04B 1/16, 1/04**

(11) **WO 01/73233** (13) A1

(21) PCT/IE01/00044

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) S2000/0239 **30 Mar/mar 2000 IE (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF CONSTRUCTING A BUILDING
• PROCEDE DE CONSTRUCTION D'EDIFICE

(71, 72) **LEAHY, Terence** [IE/IE]; Saint Brigid's, Glasheen Road, Cork (IE).

(74) **MACLACHLAN & DONALDSON**; 47 Merrion Square, Dublin 2 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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Declaration / Déclaration :

(s) for all designations / pour toutes les désignations

(51)⁷ E04B 1/38, 1/58, 1/19

(11) WO 01/73234 (13) A1

(21) PCT/AU00/01348

(22) 3 Nov/nov 2000 (03.11.2000)

(25) en (26) en

(30) PQ 6597 30 Mar/mar 2000 AU (30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● FRAMES FOR THE CONSTRUCTION OF A STRUCTURE INCLUDING A HOUSE OR SHED AND/OR FOR MOUNTING OF OBJECTS INCLUDING AIR-CONDITIONING CONDENSING UNITS THERETO

● CADRES DESTINES A FORMER UNE STRUCTURE QUI COMPREND UNE MAISON OU UN HANGAR ET/OU POUR MONTER DES OBJETS COMPRENANT DES UNITES DE CLIMATISATION

(71) KLASGOLD PTY LTD [AU/AU]; Cnr Cambooya St & Boothy St, Toowoomba, QLD 4350 (AU).

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

(72, 75) BEVIS, David, Allen [AU/AU]; Cnr Cambooya St & Boothy St, Toowoomba, QLD 4350 (AU).

(74) GRIFFITH, Hack; GPO Box 3125, Brisbane, QLD 4001 (AU).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ E04B 1/76

(11) WO 01/73235 (13) A1

(21) PCT/GB01/01342

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 09/535,418 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHODS FOR SPRAY-ON INSULATION FOR WALLS AND FLOOR

● PROCEDES D'ISOLATION PAR PROJECTION POUR MURS ET PLANCHERS

(71) INTERNATIONAL CELLULOSE COMPANY [US/US]; c/o The Corporation Trust Company, 1209 Orange Street, Wilmington,

DE 19801 (US). LUCAS, Brian, Ronald [GB/GB]; Lucas & Co, 135 Westhall Road, Warmingham, Surrey CR6 9HJ (GB).

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

(72, 75) KEMPE, Steven, Allan [US/US]; 4911 Shiloh Lake Drive, Richmond, TX 77469 (US). BOYER, Harold, Francis [US/US]; 1803 Westwood, Stafford, TX 77477 (US).

(74) LUCAS, Brian, Ronald; Lucas & Co., 135 Westhall Road, Warmingham, Surrey CR6 9HJ (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04B 1/86

(11) WO 01/73236 (13) A1

(21) PCT/KR01/00476

(22) 24 Mar/mar 2001 (24.03.2001)

(25) ko (26) en

(30) 2000/9238U 31 Mar/mar 2000 KR (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SOUND ABSORPTION FOR ROOM
● INSONORISATION DE PIECES

(71, 72) PARK, Chun-Sung [KR/KR]; 318, Banson-gi-ri, Dongtan-myun, Hwasung-gun, Kyonggi-do 445-811 (KR).

(74) AHN, Young-Kil; 4th floor, Seoil Building, 1543-8, Seocho-3dong, Seocho-gu, Seoul 137-872 (KR).

(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 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ E04B 1/94

(11) WO 01/73237 (13) A1

(21) PCT/KR01/00548

(22) 31 Mar/mar 2001 (31.03.2001)

(25) ko (26) en

(30) 09/544,229 31 Mar/mar 2000 US (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A FIRE RETARDANT UNIT USED IN WALL CONSTRUCTION, AND A METHOD FOR PREPARING THEREOF
● ELEMENT RETARDATEUR DE FLAMME DISPOSE DANS UN MUR ET SON PROCEDE DE FABRICATION

(71, 72) YI, Michael [US/KR]; 301, 2379-3, Sandae-ri, Ankang-eup, Kyongju 780-805 (KR).

(74) KIM, Won-Joon; 305, Soohyup Bldg., 917, Dunsan-dong, Seo-ku, Taejon 302-828 (KR).

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

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

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(51)⁷ E04B 1/98

(11) WO 01/73238 (13) A2

(21) PCT/US01/09519

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 60/193,130 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● HIGHLY EFFECTIVE SEISMIC ENERGY DISSIPATION APPARATUS

● APPAREIL DE DISSIPATION DE L'ENERGIE SISMIQUE HAUTEMENT EFFICACE

(71) THE RESEARCH FOUNDATION OF THE STATE UNIVERSITY OF NEW YORK AT BUFFALO [US/US]; UB Business Alliance, 200 UB Commons, Amherst, NY 14228-2567 (US).

(72) CONSTANTINO, Michael, C.; 222 Robin Road, Amherst, NY 14228 (US).

(74) SNYDER, George, L. et al. / etc.; Simpson, Simpson & Snyder, L.L.P., 5555 Main Street, Williamsville, NY 14221 (US).

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

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

(51)⁷ E04B 2/86

(11) WO 01/73239 (13) A1

(21) PCT/CA01/00381

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

- (30) 2,302,137 **27 Mar/mar 2000 CA (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SANDWICH WALL CONSTRUCTION AND DWELLING
• MUR DE CONSTRUCTION DE TYPE SANDWICH ET LOGEMENT
- (71, 72) **MARTELLA, Vincent** [CA/CA]; 15855 10th Concession, R.R.3, Schomberg, Ontario L0G 1T0 (CA). **CALDERAN, Roberto** [CA/CA]; 445 Sentinel Road, Apt 705, Toronto, Ontario M3J 2A4 (CA).
- (74) **ROLSTON, George**; Miller Thomson LLP, 20 Queen Street West, Suite 2500, Toronto, Ontario M5H 3S1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **E04B 2/86**
- (11) **WO 01/73240** (13) A1
- (21) PCT/CA01/00429
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 2,302,972 **29 Mar/mar 2000 CA (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • APERTURED WALL ELEMENT
• ELEMENT DE PAROI A OUVERTURES
- (71, 72) **PICCONE, Francesco** [CA/CA]; 1611 Cedar Crescent, Vancouver, British Columbia V6J 2P8 (CA).
- (74) **BARRIGAR, Robert, H.**; 830 Oceanic Plaza, 1066 West Hastings Street, Vancouver, British Columbia V6E 3X1 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **E04D 3/40, 13/18, H01L 31/04**
- (11) **WO 01/73241** (13) A1
- (21) PCT/JP01/02549
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) ja (26) ja
- (30) 2000-89268 **28 Mar/mar 2000 JP (28.03.2000)**
- (30) 2000-210593 **11 Jul/juil 2000 JP (11.07.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SOLAR CELL MODULE AND ROOF EQUIPPED WITH POWER GENERATING FUNCTION USING IT
• MODULE SOLAIRE ET TOIT A FONCTION GENERATRICE DE PUISSANCE UTILISANT CE MODULE
- (71) **KANEKA CORPORATION** [JP/JP]; 2-4, Nakanoshima 3-chome, Kita-ku, Osaka-shi, Osaka 530-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HATSUKAIWA, Teruki** [JP/JP]; 14-4, Ooginosato 6-chome, Otsu-shi, Shiga 520-0246 (JP). **TOMITA, Hirohiko** [JP/JP]; 13-30, Awatacho, Kawashima, Nishikyo-ku, Kyoto-shi, Kyoto 615-8194 (JP).
- (74) **YANAGINO, Takao**; Noskward building, 15-5, Miyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **E04D 5/10, 5/12, B32B 11/02**
- (11) **WO 01/73242** (13) A1
- (21) PCT/HU01/00034
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) P 0001279 **27 Mar/mar 2000 HU (27.03.2000)**
- (30) P 0004112 **19 Oct/oct 2000 HU (19.10.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • WATERPROOFING MEMBRANE WITH A ROUGH SURFACE AND A PROCESS FOR PRODUCING WATER-PROOFING MEMBRANES
• MEMBRANE D'IMPERMEABILISATION DOTEE D'UNE SURFACE RUGUEUSE ET PROCEDE DE FABRICATION DE LADITE MEMBRANE
- (71) **MANDZSU, József, Sen.** [HU/HU]; Radvány u. 19, H-1118 Budapest (HU).
- (71, 72) **MANDZSU, Zoltán** [HU/HU]; Bod Péter Lejtő, H-1112 Budapest (HU). **MANDZSU, József, Jr.** [HU/HU]; Nyirfa u. 17, H-2151 Fót (HU).
- (74) **S.B.G. & K. Patent and Law Offices**; Andrássy út 113., H-1062 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
- Published / Publiée : (c)
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(u) *for / pour US only / seulement; (u) for / pour US only / seulement*
-
- (51)⁷ **E04F 15/10, E01C 11/24**
- (11) **WO 01/73243** (13) A1
- (21) PCT/EP01/02208
- (22) **28 Feb/fév 2001 (28.02.2001)**
- (25) de (26) de
- (30) 100 15 024.1 **25 Mar/mar 2000 DE (25.03.2000)**
- (30) 100 58 961.8 **28 Nov/nov 2000 DE (28.11.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ELASTIC PLASTIC MAT, CONNECTING ELEMENT AND A METHOD FOR PRODUCING THE PLASTIC MAT
• NATTE EN MATIERE PLASTIQUE ELASTIQUE ET SON PROCEDE DE FABRICATION
- (71, 72) **LACHERMUND-SCHNEIDER, Wolfgang** [DE/DE]; Schwabhäuser Strasse 3, 97944 Boxberg-Schwabhausen (DE).
- (74) **GROSSE, Rainer** et al. / etc.; Maybachstrasse 6A, 70469 Stuttgart (DE).
- (81) AE HU PL TR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **E04H 6/18**
- (11) **WO 01/73244** (13) A1
- (21) PCT/BR00/00146
- (22) **22 Dec/déc 2000 (22.12.2000)**
- (25) en (26) en
- (30) PI 0001475-3 **30 Mar/mar 2000 BR (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A MECHANICAL PARKING
• PARC DE STATIONNEMENT MECANIQUE
- (71, 72) **ABUHAB, Gabriel** [BR/BR]; Rua Guaraciaba, 1775, CEP-09370-904 Maua, SP (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **E04H 15/20**
- (11) **WO 01/73245** (13) A1
- (21) PCT/CH01/00107
- (22) **19 Feb/fév 2001 (19.02.2001)**
- (25) de (26) de
- (30) 583/00 **27 Mar/mar 2000 CH (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PNEUMATIC STRUCTURAL ELEMENT

- ELEMENT CONSTITUTIF PNEUMATIQUE
- (71, 72) **PEDRETTI, Mauro** [CH/CH]; Viale Cattori 8, CH-6900 Lugano (CH).
- (74) **SALGO, R., C.**; Rütistrasse 103, CH-8636 Wald (CH).
- (81) AU BR CA CN CZ IL IN JP MK MX NO NZ PL RO RU SG SI SK UA US YU ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **E05B 17/04**

(11) **WO 01/73246** (13) A1

(21) PCT/EP01/03389

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) de (26) de

(30) 100 15 690.8 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- LOCKING DEVICE FOR VEHICLES, WITH AN OVERLOAD BLOCKING MECHANISM
- DISPOSITIF DE FERMETURE A CLIQUET ANTI-SURCHARGE POUR VEHICULES

(71) **HUF HÜLSBECK & FÜRST GMBH & CO. KG** [DE/DE]; Steeger Straße 17, 42551 Velbert (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UECKER, Erwin** [DE/DE]; Kirchfeldstrasse 1, 40882 Ratingen (DE). **KLEIN, Helmut** [DE/DE]; Heidekamp 51, 42549 Velbert (DE).

(74) **MENTZEL, Norbert**; Kleiner Werth 34, 42275 Wuppertal (DE).

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

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

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(51)⁷ **E05B 47/00**

(11) **WO 01/73247** (13) A1

(21) PCT/KR01/00495

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ko (26) en

(30) 2000/8847 U **28 Mar/mar 2000 KR (28.03.2000)**

(30) 2001/1464 **10 Jan/jan 2001 KR (10.01.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

- MULTIWAY CONTROL SYSTEM FOR KEYSSET
- SYSTEME DE COMMANDE MULTI-VOIE DESTINE A UN CLAVIER

(71, 72) **KIM, Jong-Hae** [KR/KR]; Shinhan Technology Institute, 549-18 Banpo-Dong, Socho-Ku, Seoul 137-040 (KR). **KIM, Ji-Tae** [KR/KR]; Shinhan Technology Institute, 549-18 Banpo-Dong, Socho-Ku, Seoul 137-040 (KR).

(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 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 (KE UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (DE FR GB).

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(51)⁷ **E05C 17/20**

(11) **WO 01/73248** (13) A1

(21) PCT/DE01/01098

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 14 745.3 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- COVERING ELEMENT
- ELEMENT DE RECouvreMENT

(71) **EDSCHA AG** [DE/DE]; Hohenhagener Strasse 26-28, 42855 Remscheid (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GARBE, Wolfgang** [DE/DE]; Am Ueling 29, 42859 Remscheid (DE).

(74) **BONNEKAMP, Horst** et al. / etc.; Bankstrasse 1, 40476 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **E06B 1/70**

(11) **WO 01/73249** (13) A1

(21) PCT/US01/08954

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/534,676 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- DOOR SILL ASSEMBLY HAVING ADJUSTABLE THRESHOLD
- ASSEMBLAGE DE SEUIL DE PORTE DOTE D'UN SEUIL REGLABLE

(71) **THERMA-TRU CORPORATION** [US/US]; 108 Mutzfeld Road, Butler, IN 46721 (US).

(72) **KEPLER, Steven, P.**; 14021 Covered Wagon Trail, Leo, IN 46765 (US). **PAGRYZINSKI, William, V.**; 1510 River Run Court, Fort Wayne, IN 46825 (US). **FLINT, Randy, L.**; 4834 RD 101, Haviland, OH 45851 (US).

(74) **NEMAZI, John, E.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E06B 3/40**

(11) **WO 01/73250** (13) A1

(21) PCT/NO01/00132

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 20001579 **27 Mar/mar 2000 NO (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- A DEVICE FOR A WINDOW WITH A FIXED FRAMING
- DISPOSITIF POUR FENETRE A CADRE FIXE

(71, 72) **GJERSØE, Thomas, Wahl** [NO/NO]; Einebærstien 9, N-1349 Rykkinn (NO).

(74) **PROTECTOR INTELLECTUAL PROPERTY CONSULTANTS AS**; P.O. Box 5074 Majorstua, N-0301 Oslo (NO).

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

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

(51)⁷ **E06B 3/54, E04B 2/88**

(11) **WO 01/73251** (13) A1

(21) PCT/IB01/00496

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) it (26) en

(30) MI2000A000641 **27 Mar/mar 2000 IT (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- SET OF METAL BODIES WITH RECTILINEAR AXIS AND CONSTANT CROSS SECTION FOR MAKING A CROSS FOR FIXING VERTICAL

PLATES IN POINT-SUPPORTED SUSPENDED FACADES, AND CROSS THUS OBTAINED.

- ENSEMBLES D'ELEMENTS METALLIQUES A AXES RECTANGULAIRES ET DE SECTION CONSTANTE FORMANT DES CROIX SERVANT A LA FIXATION PAR POINTS DE PANNEAUX CONTINUS DE FAÇADE, ET CROIX EN ETANT FAITES

(71, 72) **GASPAROTTO, Carmen** [IT/IT]; Duino 72/L, I-34013 Duino Aurisina (IT).

(74) **PREMRU, Rok**; Via De Amicis, 4, I-20052 Monza (IT).

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **E21B 10/00**

(11) **WO 01/73252** (13) A2

(21) PCT/US01/08135

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/535,123 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ROTATABLE CUTTING TOOL

- OUTIL DE COUPE ROTATIF

(71) **KENNAMETAL INC.** [US/US]; P.O. BOX 231, 1600 Technology Way, Latrobe, PA 15650-0231 (US).

(71, 72) **OJANEN, Randall, W.** [US/US]; 508 Crestfield Road, Bristol, TN 37620 (US).

(74) **WELDON, Kevin, P.** et al. / etc.; Kennametal Inc., P.O. Box 231, 1600 Technology Way, Latrobe, PA 15650-0231 (US).

(81) JP ZA.

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

(51)⁷ **E21B 21/00, 37/06**

(11) **WO 01/73253** (13) A1

(21) PCT/NO01/00140

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) 20001693 **31 Mar/mar 2000 NO (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND CLEANING FLUID FOR USE IN WELL CLEANING AND SUBSEQUENT TREATMENT OF THE USED CLEANING SOLUTION, AS

WELL AS USE OF A PARTICULAR FLUID MIXTURE

- METHODE ET FLUIDE NETTOYANTS UTILISES POUR LE NETTOYAGE DE Puits ET LE TRAITEMENT SUBSEQUENT DE LA SOLUTION NETTOYANTE EMPLOYEE AINSI QUE L'UTILISATION D'UN MELANGE DE FLUIDE PARTICULIER

(71) **BJ SERVICES AS** [NO/NO]; Plattformveien 9, N-4056 Tananger (NO).

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

(72, 75) **SHOGHL, Farzad, Nabati** [NO/NO]; Springerstien 1, N-4021 Stavanger (NO).

(74) **HÅMSØ, Gunnar**; Håmsø Patentbyrå Ans, Vågsgaten 43, N-4306 Sandnes (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **E21B 33/035, 34/04, 43/013, 33/04**

(11) **WO 01/73254** (13) A2

(21) PCT/US01/09596

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,124 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CONTROLS BRIDGE FOR FLOW COMPLETION SYSTEMS

- PONT DE COMMANDE DESTINÉ À DES SYSTÈMES DE COMPLÉTION DE DÉBIT

(71) **FMC CORPORATION** [US/US]; 200 E. Randolph Dr., Chicago, IL 60601 (US).

(72) **BARTLETT, Christopher, D.**; 8506 Shadow Valley Lane, Spring, TX 77388 (US). **CUNNINGHAM, Christopher, E.**; 3511 Walnut Forrest Court, Spring, TX 77388 (US). **GOGGANS, Timothy, R.**; 13302 Autumn Valley Drive, Cypress, TX 77429 (US). **PATRICK-MAXWELL, JamieJOAN, Sylvester, A.**; 11958 Loveland Pass Drive, Houston, TX 77067 (US). **ROGALA, Stanley, J.**; 22806 Elsinore Drive, Katy, TX 77450 (US).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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

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

TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **E21B 33/04, 34/04, 34/10**

(11) **WO 01/73255** (13) A1

(21) PCT/US01/09350

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,124 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● INTERNAL GATE VALVE FOR FLOW COMPLETION SYSTEMS

- ROBINET-VANNE INTERIEUR POUR SYSTEMES DE COMPLETION DU DEBIT

(71) **FMC CORPORATION** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) **CUNNINGHAM, Christopher, E.**; 3511 Walnut Forrest Court, Spring, TX 77388 (US). **BARTLETT, Christopher, D.**; 8506 Shadow Valley Lane, Spring, TX 77388 (US). **HERGARDEN, Thomas, L.**; 10614 Cedar Creek, Houston, TX 77042 (US). **HERNANDEZ, Philip, S.**; 12534 Meadowglen Drive, Stafford, Tx 77477 (US). **WILSON, Michael, E., Jr.**; 6115 Spring Creek Oaks Drive, Spring, TX 77379 (US).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 33/04, 34/04, 33/043, 33/035, 34/02, 33/03, F16K 3/02**

(11) **WO 01/73256** (13) A1

(21) PCT/US01/09357

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,124 **24 Mar/mar 2000 US (24.03.2000)**

(30) 60/200,239 **28 Apr/avr 2000 US (28.04.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● TUBING HANGER SYSTEM WITH GATE VALVE

- SYSTEME DE TUBE DE PRODUCTION AVEC ROBINET-VANNE

(71) **FMC CORPORATION** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) **BARTLETT, Christopher, D.**; 8506 Shadow Valley Lane, Spring, TX 77388

(US). **CUNNINGHAM, Christopher, E.**; 3511 Walnut Forest Court, Spring, TX 77388 (US). **KENT, Richard, D.**; 2 Craigmill Cottages, Newburgh, Fife KY14 6ER (GB). **GATHERAR, Nicholas**; 18 Juniper Avenue, Juniper Green, Midlothian EH14 5EE (GB).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 33/043, 33/04**

(11) **WO 01/73257** (13) A1

(21) PCT/US01/09606

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,124 **24 Mar/mar 2000 US (24.03.2000)**

(30) 60/268,329 **12 Feb/fév 2001 US (12.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TUBING HEAD SEAL ASSEMBLY

• ENSEMBLE JOINT D'ETANCHEITE DE TETE DE COLONNE DE PRODUCTION

(71) **FMC CORPORATION** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) **BARTLETT, Christopher, D.**; 8506 Shadow Valley Lane, Spring, TX 77388 (US). **CUNNINGHAM, Christopher, E.**; 3511 Walnut Forrest Court, Spring, TX 77388 (US). **KENT, Richard, D.**; 2 Craigmill Cottages, Newburgh, Fife KY14 6ER (GB). **GATHERAR, Nicholas**; 18 Juniper Avenue, Juniper Green, Midlothian EH14 5EE (GB). **HARROLD, David**; 12820 Greenwood Forest, Houston, TX 77066 (US).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 34/04, 33/035, F16K 3/02**

(11) **WO 01/73258** (13) A1

(21) PCT/US01/09359

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,124 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GATE VALVE WITH FLOW-THROUGH GATE

• ROBINET-VANNE AVEC VANNE A ECOULEMENT DIRECT

(71) **FMC CORPORATION** [US/US]; 200 E. Randolph Dr., Chicago, IL 60601 (US).

(72) **CUNNINGHAM, Christopher, E.**; 3511 Walnut Forrest Court, Spring, TX 77388 (US).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 34/04, 33/064, 33/035, 33/043**

(11) **WO 01/73259** (13) A1

(21) PCT/US01/09607

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,124 **24 Mar/mar 2000 US (24.03.2000)**

(30) 60/268,329 **12 Feb/fév 2001 US (12.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TUBING HANGER WITH ANNULUS BORE

• OLIVE DE SUSPENSION DE COLONNE DE PRODUCTION DOTEE D'UN ALESAGE D'ESPACE ANNULAIRE

(71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).

(72) **KENT, Richard, D.**; 2 Craigmill Cottages, Newburgh, Fife KY14 6ER (GB). **TIERNEY, Michael, R.**; Milburn, Inverallan Drive, Bridge of Allan (GB). **GLIDDEN, Gregory, L.**; 17718 Valley Palms Dr., Spring, TX 77379 (US). **CUNNINGHAM, Christopher, E.**; 3511 Walnut Forest Court, Spring, TX 77388 (US). **BARTLETT, Christopher, D.**; 8506 Shadow Valley Lane, Spring, TX 77388 (US).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **E21B 34/04, 33/035, F16K 3/26**

(11) **WO 01/73260** (13) A2

(21) PCT/US01/09608

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,124 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTIPOINT GATE VALVE ASSEMBLY

• ENSEMBLE VANNE MULTIPOINT

(71) **FMC CORPORATION** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) **BARTLETT, Christopher, D.**; 8506 Shadow Valley Lane, Spring, TX 77388 (US).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **E21B 43/00**

(11) **WO 01/73261** (13) A2

(21) PCT/EP01/03405

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 0007406.2 **27 Mar/mar 2000 GB (27.03.2000)**

(30) 0024931.8 **11 Oct/oct 2000 GB (11.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RISER WITH RETRIEVABLE INTERNAL SERVICES

• TUBE PROLONGATEUR A SERVICES INTERNES POUVANT ETRE RETROUVES

(71) **ROCKWATER LIMITED** [GB/GB]; Hill Park Court, Springfield Drive, Leatherhead, Surrey KT22 7NL (GB).

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

(72, 75) **HERD, Brendan, Paul** [GB/GB]; 27a Spencer Road, Strawberry Hill, Middlesex

- TW2 5TZ (GB). **SEYMOUR, Ben** [GB/GB]; 95 Cottimore Lane, Walton on Thames, Surrey KT12 2BU (GB). **ABRAHAM, William, Eric** [GB/GB]; Little Barn, Linkside North, Beacon Hill, Hindhead, Surrey GU26 6NZ (GB).
- (74) **FÜCHSLE, Klaus** et al. / etc.; Hoffmann. Eitle, Arabellastrasse 4, 81925 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **E21B 43/00**
(11) **WO 01/73262** (13) A2
(21) PCT/GB01/01229
(22) **20 Mar/mar 2001 (20.03.2001)**
(25) en (26) en
(30) 09/536,937 **27 Mar/mar 2000 US (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • SAND REMOVAL AND DEVICE RETRIEVAL TOOL
• ELIMINATION DU SABLE ET DISPOSITIF DE RECUPERATION ASSOCIE
- (71) **WEATHERFORD/LAMB, INC.** [US/US]; 515 Post Oak Blvd, Suite 600, Houston, TX 77027 (US).
(for all designated States except / pour tous les États désignés sauf 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 GB)
- (71) **HARDING, Richard, Patrick** [GB/GB]; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GIROUX, Richard, Lee** [US/US]; 1642 Pebble Chase, Katy, TX 77450 (US). **LUKE, Mike** [US/US]; 731 Lochnell Drive, Houston, TX 77062 (US). **HOFFMAN, Corey, E.** [US/US]; 10423 Crestwater Circle, Magnolia, TX 77384 (US). **NORRIS, Stephen, J.** [US/US]; 1009 Pecan Drive, League City, TX 77573 (US).
- (74) **HARDING, Richard, Patrick**; Marks & Clerk, 4220 Nash Court, Oxford Business Park South, Oxford, Oxfordshire OX4 2RU (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **E21B 43/02, 43/14, 47/10**
(11) **WO 01/73263** (13) A1
(21) PCT/US01/10311
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 60/192,915 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR IMPROVING WELL QUALITY
• PROCEDE D'AMELIORATION DE LA QUALITE D'UN Puits
- (71, 72) **JACKSON, Richard, C.** [US/US]; 8121 Cahoba Drive, Forth Worth, TX 76135 (US). **JUDKINS, Michael, E.** [US/US]; 228 North Maple Terrace, Oconomowoc, WI 53066 (US).
- (74) **MORAN, Kevin, P.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **E21B 47/06, 43/02, G01L 11/02, E21B 43/04**
(11) **WO 01/73264** (13) A1
(21) PCT/GB01/00811
(22) **26 Feb/fév 2001 (26.02.2001)**
(25) en (26) en
(30) 0007238.9 **25 Mar/mar 2000 GB (25.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • MONITORING FLUID FLOW THROUGH A FILTER
• CONTROLE DU PASSAGE D'UN FLUIDE DANS UN FILTRE
- (71) **ABB OFFSHORE SYSTEMS LIMITED** [GB/GB]; 2 High Street, Nailsea, Bristol BS48 1BS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DOUGLAS, Irwin, Neil** [GB/GB]; 31 Edward Road, Clevedon, North Somerset BS21 7DS (GB).
- (74) **NEWSTEAD, Michael, John**; Page Hargrave, Southgate, Whitefriars, Lewins Mead, Bristol BS1 2NT (GB).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **E21D 9/06, C09K 3/10**
(11) **WO 01/73265** (13) A1
(21) PCT/FR01/00974
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) fr (26) fr
(30) 00/04365 **30 Mar/mar 2000 FR (30.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • EMERGENCY SEALANT FOR PREVENTING WATER FROM GETTING INTO SEAL TAILS OF TUNNELLING MACHINES
• MASTIC DE SECOURS POUR LA PREVENTION ET LA VENUE D'EAU, POUR LES QUEUES DE TUNNELIERS
- (71) **CONDAT S.A.** [FR/FR]; Avenue Frédéric Mistral, BP 16, F-38670 Chasse sur Rhône (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BASSET, Jean-Marc** [FR/FR]; Condat S.A., Avenue Frédéric Mistral, BP 16, F-38670 Chasse sur Rhône (FR). **TRUONG DINH, Nguyen** [FR/FR]; La Bérichonnière, La Gaillardière, F-69440 Taluyers (FR). **FRAIZI, Christian** [FR/FR]; Le Village, F-38780 Eyzin Pinet (FR).
- (74) **CABINET MICHEL RICHEBOURG**; "Le Clos du Golf", 69, rue Saint-Simon, F-42000 Saint-Etienne (FR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Published / Publiée : (c)

Declarations / Déclarations :

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

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

- (51)⁷ **F01C 1/348, 1/44, 21/06**
(11) **WO 01/73266** (13) A1
(21) PCT/FR01/00929
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) fr (26) fr
(30) 00/03854 **27 Mar/mar 2000 FR (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● PRIME MOVER AND RECEIVING ENGINE WITH ROTARY MOVEMENT
● MACHINE MOTRICE ET RECEPTIONNEUSE A MOUVEMENT ROTATIF
(71, 72) **MILLE, Marcel** [FR/FR]; 5, boulevard des Filles du Calvaire, F-75003 Paris (FR). **MILLE, Jean-Claude** [FR/FR]; 28, rue de Villiers, F-78300 Poissy (FR). **MILLE, Roland** [FR/FR]; 5, boulevard des Filles du Calvaire, F-75003 Paris (FR).
(74) **MILLE, Roland**; 5, boulevard des Filles du Calvaire, F-75003 Paris (FR).
(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 **F01C 13/00, F01D 7/00, 15/10, F02C 6/00, 7/00, F02D 25/00**
(11) **WO 01/73267** (13) A1
(21) PCT/US01/10110
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 09/537,023 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● HYBRID COMBINED CYCLE POWER GENERATION FACILITY
● SYSTEME DE GENERATION D'ENERGIE A CYCLE HYBRIDE COMBINE
(71) **KINDER MORGAN POWER COMPANY** [US/US]; 4521 21st Street Drive, Greely, CO 70634 (US).
(72) **STEINWAY, Paul**; 4521 21st Street Drive, Greely, CO 80634 (US).
(74) **ROY, Soumit** et al. / etc.; Bracewell & Patterson, L.L.P., 711 Louisiana, Suite 2900, Houston, TX 77002 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- (51)⁷ **F01D 11/18, 25/24**
(11) **WO 01/73268** (13) A1
(21) PCT/US01/09415
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,829 **29 Mar/mar 2000 US (29.03.2000)**
(30) 09/715,325 **17 Nov/nov 2000 US (17.11.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● GAS TURBINE ENGINE STATOR CASE
● ENVELOPPE DE STATOR POUR MOTEUR DE TURBINE A GAZ
(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).
(72) **TOOMEY, Myron, Daniel**; 19 Grey-stone Road, Marblehead, MA 01945 (US). **CLOUSE, Brian, Ellis**; 5 Burnham Avenue, Saugus, MA 01906 (US). **HOGAN, Michael, Thomas**; 35 California Road, Tewksbury, MA 01876 (US). **JACOBSON, Craig, Robert**; 30 Dartmouth Street, Lynn, MA 01904 (US).
(74) **MITCHELL, James, W.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).
(81) JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- Published / Publiée : (c)
(51)⁷ **F01L 1/047**
(11) **WO 01/73269** (13) A1
(21) PCT/CH01/00138
(22) **6 Mar/mar 2001 (06.03.2001)**
(25) de (26) de
(30) 589/00 **28 Mar/mar 2000 CH (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● CAMS FOR CAMSHAFTS IN PARTICULAR FOR INTERNAL COMBUSTION ENGINES
● CAMES POUR ARBRES A CAMES, EN PARTICULIER POUR MOTEURS A COMBUSTION INTERNE
(71) **KRUPP PRESTA AG** [L/LLI]; Essanestrasse, FL-9492 Eschen (LI).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ALTAG, Frank** [DE/DE]; Nauerberg 18, 38321 Denkte (DE). **KROLOW, Reiner** [DE/DE]; An der Schmachtekorste 9, 58849 Herscheid (DE).
(74) **WEGMANN, Urs**; Saschela, CH-9479 Oberschan (CH).
(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 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 UZ VN YU ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

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

- Published / Publiée : (c)
(51)⁷ **F01L 1/32**
(11) **WO 01/73270** (13) A1
(21) PCT/EP01/03545
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) de (26) de
(30) 100 15 417.4 **28 Mar/mar 2000 DE (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● VALVE ROTATING DEVICE
● DISPOSITIF DE ROTATION POUR SOUPEPE
(71, 72) **ENGESSER, Michael** [DE/DE]; An der Krumbeeke 8, 30890 Barsinghausen (DE).
(74) **WUNDERLICH, Rainer** et al. / etc.; Weber & Heim, Irmgardstrasse 3, 81479 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- Published / Publiée : (c)
(51)⁷ **F01N 3/02, 3/08**
(11) **WO 01/73271** (13) A1
(21) PCT/JP01/02506
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-90746 **27 Mar/mar 2000 JP (27.03.2000)**
(30) 2000-131595 **28 Apr/avr 2000 JP (28.04.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● EXHAUST GAS CLEANING DEVICE
● DISPOSITIF D'EPURATION DE GAZ D'ECHAPPEMENT
(71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NAKATANI, Koichiro** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **HIROTA, Shinya** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **ITOH, Kazuhiro** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **ASANUMA, Takamitsu** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1,

- Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **KIMURA, Koichi** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **NAKANISHI, Kiyoshi** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **TANAKA, Toshiaki** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (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) AU CA CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **F01N 3/02, 3/08**
- (11) **WO 01/73272** (13) A1
- (21) PCT/JP01/02508
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-090755 **27 Mar/mar 2000** JP
(27.03.2000)
- (30) 2000-092535 **29 Mar/mar 2000** JP
(29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • EXHAUST CLEANING DEVICE FOR INTERNAL COMBUSTION ENGINES
• DISPOSITIF D'EPURATION DES GAZ D'ECHAPPEMENT POUR MOTEURS THERMIQUES
- (71) **TOYOTA JIDOSHA KABUSHIKI KAISHA** [JP/JP]; 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIROTA, Shinya** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **TANAKA, Toshiaki** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **ITOH, Kazuhiro** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **NAKATANI, Koichiro** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (JP). **KIMURA, Koichi** [JP/JP]; C/O TOYOTA JIDOSHA KABUSHIKI KAISHA, 1, Toyota-cho, Toyota-shi, Aichi 471-8571 (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) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **F01N 7/00**
- (11) **WO 01/73274** (13) A2
- (21) PCT/US01/09569
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 09/535,188 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PIPE JOINT AND SEAL
• JOINT ET GARNITURE DE TUYAU
- (71) **METEX MFG. CORPORATION** [US/US]; 970 New Durham Road, Edison, NJ 08818-4020 (US).
- (72) **BROPHY, Lawrence, John, III**; 15 Langmoore Drive, Trenton, NJ 08638 (US). **EMMONS, Kurry, Brian**; 131 Brandon Court, Neshanic Station, NJ 08853 (US).
- (74) **SQUIRE, William** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **F01P 1/04**
- (11) **WO 01/73275** (13) A1
- (21) PCT/US01/09963
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,593 **28 Mar/mar 2000** US
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HEAVY DUTY PISTON HAVING OIL SPLASH DEFLECTOR
• PISTON À GRANDE PUISSANCE POURVU D'UN DÉFLECTEUR D'HUILE
- (71) **FEDERAL-MOGUL CORPORATION** [US/US]; 26555 Northwestern Highway, Southfield, MI 48034 (US).
- (72) **LASH, Mark, S.**; 9030 Walnut Drive, Whitmore Lake, MI 48108 (US).
- (74) **STEARNS, Robert, L.**; Reising, Ethington, Barnes, Kisselle, Learman & McCulloch, P.C., 201 West Big Beaver Road, Troy, MI 48099 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **F02B 19/12**
- (11) **WO 01/73276** (13) A1
- (21) PCT/IB01/00483
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 627/00 **31 Mar/mar 2000** CH
(31.03.2000)
- (30) 804/00 **25 Apr/avr 2000** CH
(25.04.2000)
- (30) 2498/00 **21 Dec/déc 2000** CH
(21.12.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PRECOMBUSTION CHAMBER FOR AN IC ENGINE AND ELECTRODE ASSEMBLY FOR PRODUCING COMBUSTION IN ONE PART OF THE PRECOMBUSTION CHAMBER
• CHAMBRE DE PRECOMBUSTION POUR MOTEUR A CIRCUIT INTEGRE ET ENSEMBLE ELECTRODE DESTINE A PRODUIRE UNE COMBUSTION DANS UNE PARTIE DE LA CHAMBRE DE PRECOMBUSTION

(71) **DAUBER HOLDINGS INC.** [PA/PA]; Arango Orillac Building, 3rd Floor, 54th Street, Nueva Urbanizacion Obarrio, Panama 5 (PA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RIGAZZI, Pier, Andrea** [IT/CH]; Contrada San Marco 42, CH-6982 Agno (CH).

(74) **FIAMMENGHI-DOMENIGHETTI, Del-fina;** Fiammenghi-Fiammenghi, Via San Gottardo, 15, CH-6900 Lugano (CH).

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

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

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(51)⁷ **F02B 23/10, 17/00**

(11) **WO 01/73277** (13) A1

(21) PCT/JP01/02521

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 2000-091643 **29 Mar/mar 2000** JP
(29.03.2000)

(30) 2001-017160 **25 Jan/jan 2001** JP
(25.01.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **DIRECT-INJECTION SPARK IGNITION ENGINE**
• **MOTEUR A COMBUSTION INTERNE A INJECTION DIRECTE**

(71) **MAZDA MOTOR CORPORATION** [JP/JP]; 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YASUOKA, Takehiko** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP). **OHTA, Noriyuki** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP). **YAMASHITA, Hiroyuki** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP). **SETO, Masatoshi** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP). **MATSUMOTO, Masakazu** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP). **SAITO, Fumihiko** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP). **ARAKI, Keiji** [JP/JP]; C/O MAZDA MOTOR CORPORATION, 3-1, Shinchi, Fuchu-cho, Aki-gun, Hiroshima 735-8670 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN KR US.

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

Published / Publiée : (c)

(51)⁷ **F02C 7/30, F01D 25/00**

(11) **WO 01/73278** (13) A1

(21) PCT/CH01/00140

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) de (26) de

(30) 100 14 810.7 **27 Mar/mar 2000** DE
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **WASTE GAS TURBOCHARGER RADIAL TURBINE**

• **TURBINE RADIALE D'UN TURBO-COMPRESSEUR A GAZ D'ECHAPPEMENT**

(71) **ABB TURBO SYSTEMS AG** [CH/CH]; Haselstrasse 16, CH-5401 Baden (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOCHUD, Dominique** [CH/CH]; Breitensteinstrasse 27, CH-5417 Untersiggenthal (CH). **MEIER, Reto** [CH/CH]; Badstrasse 19a, CH-5312 Döttingen (CH).

(74) **ABB BUSINESS SERVICES LTD.**; Intellectual Property (SLE-I), Haselstrasse 16/699, 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 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ **F02D**

(11) **WO 01/73279** (13) A2

(21) PCT/DE01/00587

(22) **16 Feb/fév 2001 (16.02.2001)**

(25) de (26) de

(30) 100 15 114.0 **28 Mar/mar 2000** DE
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD AND DEVICE FOR MODELING A MECHATRONIC SYSTEM IN A MOTOR VEHICLE**

• **PROCEDE ET DISPOSITIF DE MODELISATION D'UN SYSTEME MECHATRONIQUE DANS UN VEHICULE A MOTEUR**

(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) **TORRE FLORES, Pio** [DE/DE]; Störzbachstrasse 13, 70191 Stuttgart (DE).

SCHIRMER, Juergen [DE/DE]; Koppertweg 9/1, 69124 Heidelberg (DE). **WALTHER, Michael** [DE/DE]; Breslauer Strasse 1/2, 71696 Moeglingen (DE). **HUELSENER, Holger** [DE/DE]; Baechlenweg 22, 70329 Stuttgart (DE). **BERTRAM, Torsten** [DE/DE]; Am Deich 46, 40547 Düsseldorf (DE). **HECKES, Marc** [DE/DE]; Kastellstrasse 2, 47199 Duisburg (DE). **PETERSEN, Joerg** [DE/DE]; Westerholter Strasse 37, 45894 Gelsenkirchen (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 **F02D 15/00, G01N 21/27**

(11) **WO 01/73280** (13) A1

(21) PCT/US00/07954

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD AND APPARATUS FOR DETERMINING THE DEPTH OF ACCEPTABLE SEDIMENT REMOVAL FROM A BODY OF WATER**

• **PROCEDE ET APPAREIL D'EVALUATION DE L'EPAISSEUR ACCEPTABLE DE SEDIMENTS A ENLEVER SOUS UN VOLUME D'EAU**

(71) **CATERPILLAR INC.** [US/US]; 100 N.E. Adams Street, Peoria, IL 61629-6490 (US).
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(72, 75) **SATZLER, Ronnie, L.** [US/US]; 16615 W. Streitmatter Road, Princeville, IL 61559-9428 (US).

(74) **KERCHEK, Kevin, M.** et al. / etc.; 100 N.E. Adams Street, Peoria, IL 61629-6490 (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

(51)⁷ **F02D 31/00, 41/22, 43/00**

(11) **WO 01/73281** (13) A1

(21) PCT/DE01/00537

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) de (26) de

(30) 100 15 320.8 **28 Mar/mar 2000** DE
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **METHOD AND DEVICE FOR CONTROLLING THE DRIVE UNIT OF A MOTOR VEHICLE**

• **PROCEDE ET DISPOSITIF DE COMMANDE DE L'UNITE D'ENTRAINEMENT D'UN VEHICULE**

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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(72, 75) **KUSTOSCH, Mario** [DE/DE]; Auf Hart 75/1, 71706 Markgroeningen (DE).

(81) BR CN JP KR RU US.

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

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(51)⁷ **F02D 41/20, 41/38, 41/22, F02M 63/02, 51/06**

(11) **WO 01/73282** (13) A1

(21) PCT/DE01/00175

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) de (26) de

(30) 100 14 737.2 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR DETERMINING THE RAIL PRESSURE OF AN INJECTION VALVE HAVING AN PIEZOELECTRIC ACTUATOR

• PROCEDE DE DETERMINATION DE LA PRESSION DE RAMPE D'UNE SOUPAPE D'INJECTION COMPRENANT UN ACTIONNEUR PIEZO-ELECTRIQUE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).

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

(72, 75) **RUEGER, Johannes-Joerg** [DE/DE]; Gutenbergstrasse 21, 71665 Vaihingen/Enz (DE).

(81) CN JP US.

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

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(51)⁷ **F02M 25/08**

(11) **WO 01/73283** (13) A1

(21) PCT/DE01/01141

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 14 739.9 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TANK VENTILATION SYSTEM FOR A MOTOR VEHICLE AND METHOD FOR OPERATING A SYSTEM OF THIS TYPE

• SYSTEME DE VENTILATION DE RESERVOIR D'AUTOMOBILE ET PROCEDE PERMETTANT DE L'ACTIONNER

(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) **FRITZ, Thorsten** [DE/DE]; Lilienthalweg 3, 76571 Gaggenau (DE). **LEDERER, Dieter** [DE/DE]; Gartenstrasse 42, 71634 Ludwigsburg (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).

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(51)⁷ **F02M 27/04**

(11) **WO 01/73284** (13) A1

(21) PCT/RU00/00249

(22) **23 Jun/juin 2000 (23.06.2000)**

(25) ru (26) ru

(30) 2000107655 **30 Mar/mar 2000 RU (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR FUEL PREPARATION

• PROCEDE ET DISPOSITIF DE PREPARATION DE CARBURANT

(71, 72) **DKHAVAN, Vivek** [IN/RU]; ul. Godovikova, 12-2-103, Moscow, 129085 (RU). **GUSKOV, Vladimir Petrovich** [RU/RU]; ul. Sviyazeva, 10-68, Perm, 614012 (RU).

(72, 75) **DAVLETSHIN, Rashit Hasanshaevich** [RU/RU]; ul. Cherdynskaya, 44-14, Perm, 614088 (RU). **VALIMAHOMED, Amin-mahomed Amin** [CA/RU]; Kotelnicheskaya nab., 1/15-165, Moscow, 109240 (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 SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **F02M 27/04**

(11) **WO 01/73285** (13) A1

(21) PCT/RU00/00250

(22) **23 Jun/juin 2000 (23.06.2000)**

(25) ru (26) ru

(30) 2000107654 **30 Mar/mar 2000 RU (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR FUEL PREPARATION

• PROCEDE ET DISPOSITIF DE PREPARATION DE CARBURANT

(71, 72) **DKHAVAN, Vivek** [IN/RU]; ul. Godovikova, 12-2-103, Moscow, 129085 (RU). **GUSKOV, Vladimir Petrovich** [RU/RU]; ul. Sviyazeva, 10-68, Perm, 614012 (RU).

(72, 75) **DAVLETSHIN, Rashit Hasanshaevich** [RU/RU]; ul. Cherdynskaya, 44-14, Perm, 614088 (RU). **VALIMAHOMED, Amin-mahomed Amin** [CA/RU]; Kotelnicheskaya nab., 1/15-165, Moscow, 109240 (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 SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **F02M 37/22, B01D 36/00**

(11) **WO 01/73286** (13) A1

(21) PCT/EP01/03158

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) MI2000A000632 **24 Mar/mar 2000 IT (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FILTER FOR DIESEL ENGINE FUEL

• FILTRE POUR CARBURANT DIESEL POUR MOTEUR

(71) **SOGEFI FILTRATION S.P.A.** [IT/IT]; Via Barbieri, 1, I-46100 Mantova (IT).

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(72, 75) **BARACCHI, Paolo** [IT/IT]; Via Isernia, 5/A, I-10155 Torino (IT). **CROVETTI, Claudio** [IT/IT]; Via Primiceriale, 10, I-46100 Mantova (IT). **TALLANO, Sergio** [IT/IT]; Via Roma, 70, I-46047 Porto Mantovano (IT).

(74) **MODIANO, Guido**; Modiano & Associati, Via Meravigli, 16, I-20123 Milano (IT).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 MY NZ 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **F02M 47/02**

(11) **WO 01/73287** (13) A1

(21) PCT/DE01/00893

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) de (26) de

(30) 100 15 268.6 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INJECTION VALVE WITH BYPASS THROTTLE

• SOUPAPE D'INJECTION A ETRANGLEMENT DE DERIVATION

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

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(72, 75) **BARANOWSKI, Dirk** [DE/DE]; Herzog-Heinrich-Strasse 8, 93059 Regensburg (DE). **KLÜGL, Wendelin** [DE/DE]; Föhrenstrasse 1, 92358 Seubersdorf (DE). **SCHMUTZLER, Gerd** [DE/DE]; Blütenstrasse 28, 93138 Kareth (DE). **WAGNER,**

Joachim [DE/DE]; Am Brunnenberg 2, 92339 Beilngries (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) US.

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

Published / Publiée : (c)

(51)⁷ **F02P 5/15**

(11) **WO 01/73288** (13) A2

(21) PCT/DE01/00533

(22) **13 Feb/fév 2001 (13.02.2001)**

(25) de (26) de

(30) 100 15 321.6 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR CONTROLLING THE IDLE OPERATION OF A DRIVE UNIT

• PROCEDE ET DISPOSITIF DE COMMANDE DU FONCTIONNEMENT AU RALENTI D'UNE UNITE D'ENTRAINEMENT

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
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(72, 75) **KUSTOSCH, Mario** [DE/DE]; Auf Hart 75/1, 71706 Markgroeningen (DE).

(81) JP KR RU US.

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

(51)⁷ **F03B 13/16, 13/18**

(11) **WO 01/73289** (13) A1

(21) PCT/NO01/00117

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) no (26) en

(30) 20001537 **24 Mar/mar 2000 NO (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR UTILISATION OF WAVE ENERGY

• DISPOSITIF DESTINE A UTILISER L'ENERGIE DES VAGUES

(71, 72) **NESHEIM, Arvid** [NO/NO]; Høymyrmarka 123 A, N-1391 Vollen (NO).

(81) AE AU BR CA CN CU ID IL IN JP KP KR LR MG NZ PL RU TR US VN ZA.

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

Published / Publiée : (a)

(51)⁷ **F03B 13/18**

(11) **WO 01/73290** (13) A1

(21) PCT/ES01/00125

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) es (26) es

(30) P 200000771 **29 Mar/mar 2000 ES (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PUMPING SYSTEM ACTUATED BY MARINE WAVES

• SYSTEME DE POMPAGE ACTIONNABLE PAR LA HOULE

(71, 72) **BONET SUBIRANA, Pere** [ES/ES]; Raval Cortines, 23, E-08500 Vic (ES).
BONET ALMEDA, Pedro [ES/ES]; Raval Cortines, 23, E-08500 Vic (ES).

(74) **TORO GORDILLO, Ignacio, M^o**; Viriato, 56-1^o izda., E-28010 Madrid (ES).

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

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

(51)⁷ **F03D 5/06**

(11) **WO 01/73291** (13) A1

(21) PCT/FR01/00915

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 00/03875 **28 Mar/mar 2000 FR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WINDMILL WITH MULTIDIRECTIONAL LEVER ARM
• EOLIENNE A BALANCIER MULTIDIRECTIONNEL

(71, 72) **BLANC, Philippe** [FR/FR]; 6, résidence Chantereine, F-91940 les Ulis (FR).
PERROT, Patrick [FR/FR]; 23, rue des Carabins, F-60420 Leglantiers (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **F03D 11/04 // B63B 35/34**

(11) **WO 01/73292** (13) A1

(21) PCT/DK01/00205

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) PA 2000 00519 **28 Mar/mar 2000 DK (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FLOATING OFFSHORE WIND POWER INSTALLATION

• CENTRALE D'ENERGIE EOLIENNE OFFSHORE FLOTTANTE

(71, 72) **LAURITSEN, Per** [DK/DK]; Solbjergedevej 208, DK-8355 Solbjerg (DK).

(74) **PATENTGRUPPEN APS**; Arosgaarden, Aaboulevarden 23, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

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(51)⁷ **F04B 37/12, 39/06, F04C 29/04, 23/00**

(11) **WO 01/73293** (13) A1

(21) PCT/JP01/02828

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-93719 **30 Mar/mar 2000 JP (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTISTAGE COMPRESSOR
• COMPRESSEUR MULTIETAGE

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 2-5-5, Keihan-hondori, Moriguchi-shi, Osaka 570-8677 (JP).
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(72, 75) **EBARA, Toshiyuki** [JP/JP]; 5156, Ryumai-cho, Ota-shi, Gunma 373-0806 (JP).
IMAI, Satoshi [JP/JP]; 3-25-1-1-318, Sengoku, Oizumi-machi, Ora-gun, Gunma 370-0533 (JP).
TADANO, Masaya [JP/JP]; 1546-4, Nakaeda, Nitta-machi, Nitta-gun, Gunma 370-0332 (JP).
ODA, Atsushi [JP/JP]; 3-9-1-109, Sengoku, Oizumi-machi, Ora-gun, Gunma 370-0533 (JP).

(74) **MONDA, Makoto**; Monda & Associates, Sueyoshi Building 5F, 10-5, Shinbashi 2-chome, Minato-ku, Tokyo 105-0004 (JP).

(81) CN KR US.

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

(51)⁷ **F04B 53/20, 1/04, 53/16**

(11) **WO 01/73294** (13) A1

(21) PCT/DE01/01156

(22) **24 Mar/mar 2001 (24.03.2001)**

(25) de (26) de

(30) 100 15 295.3 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PISTON PUMP

- POMPE A PISTON
- (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) **HAUSER, Manfred** [DE/DE]; Paradiesweg 16, 71701 Schwieberdingen (DE). **ALAZE, Norbert** [DE/DE]; Lindenweg 6, 71706 Markgroeningen (DE). **DUERMEIER, Thorsten** [DE/DE]; Sude-tenstrasse 13, 71665 Vaihingen/Enz (DE). **ECKSTEIN, Ursula** [DE/DE]; Dresdner Strasse 2, 71701 Schwieberdingen (DE). **MANK, Erika** [DE/DE]; Katharinenstrasse 67/1, 71634 Ludwigsburg (DE).
- (81) JP MX US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **F04C 15/00, F04B 17/03, 53/08, 23/08, 1/12**

- (11) **WO 01/73295** (13) A1
- (21) PCT/EP01/03357
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) de (26) de
- (30) 100 15 139.6 **29 Mar/mar 2000 DE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MOTOR-PUMP UNIT
• ENSEMBLE MOTOPOMPE
- (71) **VOITH TURBO GMBH & CO. KG** [DE/DE]; Alexanderstrasse 2, 89522 Heidenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ARBOGAST, Franz** [DE/DE]; Germanenstrasse 77, 89522 Heidenheim (DE). **HUNDT, Gerd** [DE/DE]; Thüringer Weg 13, 89522 Heidenheim (DE). **NEUBERT, Thomas** [DE/DE]; Neuhirschsteiner Strasse 15, 01594 Hirschstein (DE).
- (74) **WEITZEL & PARTNER**; Friedenstrasse 10, 89522 Heidenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ **F04C 18/04**

- (11) **WO 01/73296** (13) A1
- (21) PCT/US01/08702
- (22) **19 Mar/mar 2001 (19.03.2001)**
- (25) en (26) en
- (30) 09/534,792 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • INTERLOCKING SCROLL COMPRES-SOR COMPONENTS
• COMPOSANTS ASSEMBLES DE SPI-RALE DE COMPRESSEUR
- (71) **SCROLL TECHNOLOGIES** [US/US]; One Scroll Drive, Clark County Industrial Park, Arkadelphia, AR 71923 (US).
- (72) **HERBERT, Jay, Andrew**; 2704 Mocking-bird Lane, Arkadelphia, AR 71923 (US). **MURPHY, Paul**; 31 Tracelwood Drive, Arkadelphia, AR 71923 (US). **WILLIAMS, John, R.**; 729 Arlington Avenue, Bristol, VA 24201 (US). **MILLIFF, Tracy**; 257 Mead-owcrest Drive, Bristol, VA 24201 (US).
- (74) **OLDS, Theodore, W.** et al. / etc.; Carlson, Gaskey & Olds, P.C., Suite 350, 400 West Maple Road, Birmingham, MI 48009 (US).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **F15B**

- (11) **WO 01/73297** (13) A2
- (21) PCT/US01/09005
- (22) **21 Mar/mar 2001 (21.03.2001)**
- (25) en (26) en
- (30) 60/192,119 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BOOSTER PILOT VALVE
• VANNE PILOTE DE RENFORT
- (71) **ASCO CONTROLS, L.P.** [US/US]; Han-dover Road, Florham Park, NJ 07932 (US).
- (72) **LA MARCA, Drew**; 16 Behrens Road, Whippany, NJ 07981 (US). **VOLZ, Gregory, J.**; 10 Stephen Avenue, Lincoln Park, NJ 07035 (US).
- (74) **DEAVER, Albert, B., Jr.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **F15B 11/032**

- (11) **WO 01/73298** (13) A2
- (21) PCT/DE01/01205
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) de (26) de
- (30) 100 14 763.1 **27 Mar/mar 2000 DE (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HYDRAULIC PRESSURE INTENSI-FIER
• DISPOSITIF HYDRAULIQUE DEMUL-TIPLICATEUR DE PRESSION

- (71) **TOX PRESSOTECHNIK GMBH & CO KG** [DE/DE]; Riedstrasse 4, D-88250 Wein-garten (DE).
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- (72, 75) **RAPP, Eugen** [DE/DE]; Max-Reger-Strasse 4, 88276 Berg (DE).
- (74) **SCHUSTER, Gregor** et al. / etc.; Wieder-holdstr. 10, 70174 Stuttgart (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **F15B 11/15**

- (11) **WO 01/73299** (13) A1
- (21) PCT/SE01/00589
- (22) **21 Mar/mar 2001 (21.03.2001)**
- (25) en (26) en
- (30) 0001074-4 **24 Mar/mar 2000 SE (24.03.2000)**
- (30) 60/192,895 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CYLINDER MEANS OF SINGLE ACT-ING TYPE WITH A RETURN FUNC-TION AND METHOD OF OPERATING THE SAME
• MOYEN A VERIN DE TYPE A SIMPLE EFFET DOTE D'UNE FONCTION RE-TOUR ET SON PROCEDE DE FONC-TIONNEMENT
- (71) **POS-LINE AKTIEBOLAG** [SE/SE]; Smidesvägen 8B, S-245 34 Staffanstorps (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WAHLBERG, Per-Åke** [SE/SE]; Rad-husvägen 41, S-960 24 Harads (SE).
- (74) **AWAPATENT AB**; Box 5117, S-200 71 Malmö (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) for the following designation / pour la désignation suivante : US; (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU

SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW AP (GH GM KE LS MW MZ SD
SL SZ TZ UG 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 GW ML MR NE SN TD TG)
(u) for / pour US only / seulement

(51)⁷ **F15B 11/17**

(11) **WO 01/73300** (13) A2

(21) PCT/US01/09920

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,997 **28 Mar/mar 2000 US**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SPEED REGULATED OIL DELIVERY
SYSTEM

• SYSTEME DE FOURNITURE D'HUILE
A REGULATION DE VITESSE

(71) **HYDRAULIC CONTROLS, INC.**
[US/US]; 4477 South 500 West, Salt Lake
City, UT 84123 (US).

(72) **McFADDEN, Dan, C.**; 2801 North Litch-
field Road, Unit 32, Goodyear, AZ 85338
(US). **SOLOMON, Richard, K.**; 3892
Holyoke Place, South Jordan, UT 84095
(US).

(74) **FRALEY, R., Lee**; 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ **F15B 15/19, 15/26**

(11) **WO 01/73301** (13) A1

(21) PCT/FR01/00870

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 00/03815 **24 Mar/mar 2000 FR**
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RELEASED CONTROL RELEASE
MECHANISM IN PARTICULAR FOR
USE IN THE SPACE INDUSTRY

• MECANISME A LIBERATION
CONTROLEE NOTAMMENT POUR
APPLICATION DANS LE DOMAINE
SPATIAL

(71) **ETIENNE LACROIX TOUS ARTIFICES**
S.A. [FR/FR]; 6, boulevard de Joffrey,
F-31600 Muret (FR).

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

(72, 75) **VALEMBOIS, Guy** [FR/FR]; 20, rue de
Sologne, F-31700 Blagnac (FR). **MEDUS,**

Dominique [FR/FR]; 32, rue Autan Blanc,
F-31240 l'Union (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabi-
net Regimbeau, 20, rue de Chazelles, F-75847
Paris Cedex 17 (FR).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F16B**

(11) **WO 01/73302** (13) A2

(21) PCT/EP01/03074

(22) **17 Mar/mar 2001 (17.03.2001)**

(25) de (26) de

(30) 200 05 627.1 **25 Mar/mar 2000 DE**
(25.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TUBULAR ELEMENT

• ELEMENT TUBULAIRE

(71, 72) **KRAUSE, Günther** [DE/DE]; Porsches-
trasse 9, 30304 Alsfeld (DE).

(74) **MISSLING, Arne**; Bismarckstrasse 43,
35390 Gießen (DE).

(81) AU CZ HU MX PL RO RU US.

(51)⁷ **F16B**

(11) **WO 01/73303** (13) A2

(21) PCT/EP01/03533

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 15 447.6 **29 Mar/mar 2000 DE**
(29.03.2000)

(30) 100 41 550.4 **24 Aug/août 2000 DE**
(24.08.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BLIND RIVET, RIVET PIN, HOLDING
DEVICE, METHOD FOR PRODUCING
A BLIND RIVET AND METHOD FOR
CREATING A RIVETED JOINT

• RIVET AVEUGLE, POINÇON, DIS-
POSITIF DE FIXATION, PROCEDE
PERMETTANT DE PRODUIRE UN
RIVET AVEUGLE ET PROCEDE PER-
METTANT DE REALISER UN ASSEM-
BLAGE RIVE

(71, 72) **WIRTH, Klaus** [DE/DE]; Brehnaerstr.
1, 06188 Landsberg (DE). **WIRTH, Martin**
[DE/DE]; Brehnaerstr. 1, 06188 Landsberg
(DE).

(74) **SCHUSTER, Gregor** et al. / etc.; Wieder-
holdstr. 10, 70174 Stuttgart (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 **F16B 5/07, 13/04, 17/00, 19/00, 2/00**

(11) **WO 01/73304** (13) A1

(21) PCT/ES01/00116

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) es (26) es

(30) P 200000807 **31 Mar/mar 2000 ES**
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COUPLING SYSTEM FOR MECHANICAL
ELEMENTS AND STRUCTURAL
PARTS

• SYSTEME D'ASSEMBLAGE DESTINE
A DES ELEMENTS MECANIQUES ET
A DES PARTIES STRUCTURELLES

(71, 72) **MUÑOZ BENITEZ, Antonio** [ES/ES];
Joaquin Ferrandis, 50, E-12549 Betxi (ES).

(74) **SANZ-BERMELL MARTINEZ, Alejandro**;
Jativa, 4, E-46002 Valencia (ES).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F16B 37/06, B23P 19/06**

(11) **WO 01/73305** (13) A1

(21) PCT/EP01/02093

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) de (26) de

(30) 100 15 239.2 **27 Mar/mar 2000 DE**
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FUNCTIONAL ELEMENT ARRANGE-
MENT, FUNCTIONAL ELEMENT,
AUXILIARY ASSEMBLY ELEMENT,
ASSEMBLED COMPONENT AND
METHOD FOR PRODUCING AN AS-
SEMBLED COMPONENT

• ENSEMBLE ELEMENT FONCTION-
NEL, ELEMENT FONCTIONNEL, ELE-
MENT D'ASSEMBLAGE AUXILIAIRE,
PIECE ASSEMBLEE ET PROCEDES
POUR OBTENIR UNE PIECE ASSEM-
BLEE

(71) **PROFIL VERBINDUNGSTECH-
NIK GMBH & CO. KG** [DE/DE];
Otto-Hahn-Strasse 22-24, 61381 Friedrichs-
dorf (DE).

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

(72, 75) **MUELLER, Rudolf** [DE/DE]; Fasa-
nenweg 6, 60437 Frankfurt/Main (DE).
HUMPERT, Richard [DE/DE]; Ahornring
62a, 61191 Rosbach (DE).

(74) **MANITZ, FINSTERWALD & PARTNER**
GBR; Postfach 22 16 11, 80506 München
(DE).

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

- DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **F16C 13/00, D21G 1/02**
 (11) **WO 01/73306** (13) A1
 (21) PCT/FI01/00312
 (22) **30 Mar/mar 2001 (30.03.2001)**
 (25) fi (26) en
 (30) 20000742 **31 Mar/mar 2000** FI
(31.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD FOR DECREASING THE TEMPERATURE DIFFERENCE BETWEEN THE EDGE SECTION AND THE MIDDLE SECTION MARGIN OF A POLYMER COATING ON A CYLINDER AND EQUIPMENT USED IN THE METHOD
 • PROCEDE DE REDUCTION DE LA DIFFERENCE DE TEMPERATURE ENTRE LA PARTIE PERIPHERIQUE ET LA PORTION MARGINALE DE LA PARTIE CENTRALE D'UN REVETEMENT POLYMERIQUE SUR UN CYLINDRE ET MATERIEL DE MISE EN OEUVRE
- (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) **HASANEN, Kari** [FI/FI]; Päivärinteentie 13 A 6, FIN-04230 Kerava (FI). **KOIVUKUNNAS, Pekka** [FI/FI]; Kauhanvankuja 5, FIN-04430 Järvenpää (FI). **LIPPONEN, Juha** [FI/FI]; Runoijiantie 5 A 3, FIN-40270 Palokka (FI). **VILJANMAA, Mika** [FI/FI]; Kotinummenkuja 2 F 25, FIN-00700 Helsinki (FI). **VAITTINEN, Henri** [FI/FI]; Sibeliuksenkatu 9 A 19, FIN-04400 Järvenpää (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **F16D 7/10, F16F 15/133**
 (11) **WO 01/73307** (13) A1
 (21) PCT/JP01/02564
 (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) ja (26) ja
 (30) 2000-90296 **29 Mar/mar 2000** JP
(29.03.2000)
 (30) 2000-245372 **11 Aug/août 2000** JP
(11.08.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • POWER TRANSMISSION MECHANISM
 • MECANISME DE TRANSMISSION DE PUISSANCE
- (71) **KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO** [JP/JP]; 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Kazuya** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **URYU, Akifumi** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
- (74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
- (81) BR CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **F16D 7/10, F16F 15/133**
 (11) **WO 01/73308** (13) A1
 (21) PCT/JP01/02565
 (22) **28 Mar/mar 2001 (28.03.2001)**
 (25) ja (26) ja
 (30) 2000-090296 **29 Mar/mar 2000** JP
(29.03.2000)
 (30) 2000-245373 **11 Aug/août 2000** JP
(11.08.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • POWER TRANSMISSION MECHANISM
 • MECANISME DE TRANSMISSION DE PUISSANCE
- (71) **KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO** [JP/JP]; 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Kazuya** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **URYU, Akifumi** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **KAWATA, Takeshi** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **KANAI, Akinobu** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
- (74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
- (81) BR CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **F16D 7/10, F16F 15/133**
 (11) **WO 01/73309** (13) A1
 (21) PCT/JP01/02566
 (22) **28 Mar/mar 2001 (28.03.2001)**
 (25) ja (26) ja
 (30) 2000-90296 **29 Mar/mar 2000** JP
(29.03.2000)
 (30) 2000-245371 **11 Aug/août 2000** JP
(11.08.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • POWER TRANSMISSION MECHANISM
 • MECANISME DE TRANSMISSION DE PUISSANCE
- (71) **KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO** [JP/JP]; 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIMURA, Kazuya** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **URYU, Akifumi** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **KAWAGUCHI, Masahiro** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **UMEMURA, Satoshi** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **OTA, Masaki** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP). **ADANIYA, Taku** [JP/JP]; c/o KABUSHIKI KAISHA TOYODA JIDOSHOKKI SEISAKUSHO, 2-1, Toyoda-cho, Kariya-shi, Aichi 448-8671 (JP).
- (74) **ONDA, Hironori**; 12-1, Ohmiya-cho 2-chome, Gifu-shi, Gifu 500-8731 (JP).
- (81) BR CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **F16D 25/08**
 (11) **WO 01/73310** (13) A1
 (21) PCT/BR01/00016
 (22) **6 Feb/fév 2001 (06.02.2001)**
 (25) en (26) en
 (30) MU 8000516-0 **30 Mar/mar 2000** BR
(30.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • VEHICLE CLUTCH AUXILIARY PNEUMATIC CYLINDER WITH REDUCING RESPONSE PERIOD
 • CYLINDRE PNEUMATIQUE AUXILIAIRE D'EMBRAYAGE AUTOMOBILE DOTE D'UNE PERIODE DE REACTION COURTE

(71, 72) **ZUPAN, Zvonimir, Raimundo** [BR/BR]; Rua André Wendhausen, 83, CEP-88080-800 Florianópolis, SC (BR).

(74) **ANTONINI, Edemar, Soares**; Rua Anita Garibaldi, 79/1003, CEP-88010-500 Florianópolis, SC (BR).

(81) AU CA MX US.

(51)⁷ **F16D 65/16**

(11) **WO 01/73311** (13) A1

(21) PCT/DE00/04147

(22) **23 Nov/nov 2000 (23.11.2000)**

(25) de (26) de

(30) 100 14 993.6 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **ELECTROMECHANICAL WHEEL BRAKE DEVICE**
• **DISPOSITIF DE FREINAGE DE ROUE ELECTROMECHANIQUE**

(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) **HILZINGER, Juergen** [DE/DE]; Berghalde 11/1, 71229 Leonberg (DE).

(81) JP KR US.

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

(51)⁷ **F16D 65/21**

(11) **WO 01/73312** (13) A1

(21) PCT/EP01/03420

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) de (26) de

(30) 100 15 228.7 **27 Mar/mar 2000 DE (27.03.2000)**

(30) 100 64 901.7 **23 Dec/déc 2000 DE (23.12.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **ACTUATING UNIT WITH A THREADED PINION, A PLANETARY GEAR AND ACTUATING ELEMENT INFLUENCED THEREBY**

• **UNITE D'ACTIONNEMENT COMPORTANT UN ORGANE D'ENTRAIEMENT FILETE, UN ENGRENAGE PLANETAIRE ET UN ELEMENT D'ACTIONNEMENT INFLUENCE PAR CES DERNIERS**

(71) **CONTINENTAL TEVES AG & CO. OHG** [DE/DE]; Guerickestr. 7, 60488 Frankfurt (DE). **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; Industriestrasse 1-3, 91074 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JUNGBECKER, Johann** [DE/DE]; Hauptstr. 60, 55576 Badenheim (DE). **SCHMITT, Stefan** [DE/DE]; Sonnenbergstrasse 12a, 65343 Eltville (DE). **SCHWARZ, Ralf** [DE/DE]; In der Aue 30g, 69118 Heidelberg (DE). **HOFFMANN, Oliver** [DE/DE]; Schlossstrasse 116, 60486 Frankfurt am Main (DE). **RIETH, Peter** [DE/DE]; Keilstr. 3, 65343 Eltville (DE). **NELL, Joachim** [DE/DE]; Gustav-Hoch-Strasse 35, 63452 Hanau

(DE). **BACKES, Wendelin** [DE/DE]; Schumannstrasse 1, 63939 Wörth (DE). **ZERNICKEL, Alexander** [DE/DE]; Sternstrasse 3, 91074 Herzogenaurach (DE). **HARTMANN, Juergen** [DE/DE]; Braugasse 3, 91468 Gutenstetten (DE). **GRAU, Ulrich** [DE/DE]; Neuschauerberg 9, 91448 Emkirchen (DE). **DORSCH, Werner** [DE/DE]; Pickelstrasse 11, 96114 Hirschaid (DE).

(74) **CONTINENTAL TEVES AG & CO. OHG**; Guerickestr. 7, 60488 Frankfurt (DE).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

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

Published / Publiée : (c)

(51)⁷ **F16F**

(11) **WO 01/73313** (13) A2

(21) PCT/US01/10322

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/537,365 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **MAGNETICALLY CONTROLLED FRICTION DAMPER**
• **AMORTISSEUR A FRICTION A COMMANDE MAGNETIQUE**

(71) **LORD CORPORATION** [US/US]; 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).

(72) **CARLSON, J., David**; 429 Oakridge Road, Cary, NC 27511 (US).

(74) **GNIBUS, Michael, M.**; Lord Corporation, 111 Lord Drive, P.O. Box 8012, Cary, NC 27512-8012 (US).

(81) AU CA CN JP KR.

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

(51)⁷ **F16F 9/44, 9/48**

(11) **WO 01/73314** (13) A1

(21) PCT/FR01/00809

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) fr (26) fr

(30) 00/03995 **24 Mar/mar 2000 FR (24.03.2000)**

(30) 00/09764 **26 Jul/juil 2000 FR (26.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **HYDRAULIC SHOCK ABSORBER WITH ADJUSTING OF SHOCK ABSORBING TYPE**
• **AMORTISSEUR HYDRAULIQUE AVEC REGLAGE DU TYPE D'AMORTISSEMENT**

(71) **ETABLISSEMENTS JEAN PERRET** [FR/FR]; Z.I. de la Maladière, F-74300 Cluses (FR).

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

(72, 75) **BERTRAND, Michel** [FR/FR]; 6, allée des Pins, F-74300 Cluses (FR). **PERRET, Jean-Pierre** [FR/FR]; 550 chemin du Grot, F-74300 Theyz (FR).

(74) **GASQUET, Denis**; Cabinet Gasquet, Les Pléiades, Park Nord Annecy, F-74370 Metz-Tessy (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **F16F 13/14**

(11) **WO 01/73315** (13) A1

(21) PCT/DE01/01155

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de

(30) 100 14 808.5 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **RUBBER BEARING WITH GRADUATED DAMPING BEHAVIOR**
• **SUPPORT ELASTIQUE A COMPORTEMENT D'AMORTISSEMENT GRADUEL**

(71) **ZF LEMFÖRDER METALLWAREN AG** [DE/DE]; Postfach 1220, 49441 Lemförde (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOSEL, Andreas** [DE/DE]; Holsten-Mündruper-Strasse 64, 49086 Osnabrück (DE). **KRAMER, Klaus** [DE/DE]; Wiesenthal 12, 49434 Neuenkirchen (DE).

(81) BR US.

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

Published / Publiée : (c)

(51)⁷ **F16G 3/10**

(11) **WO 01/73316** (13) A1

(21) PCT/GB01/01227

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0007189.4 **27 Mar/mar 2000 GB (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **IMPROVEMENTS TO BELT JOINTING**
• **AMELIORATIONS APPORTEES A DES RACCORDS DE COURROIES**

(71) **MARATHON BELTING LIMITED** [GB/GB]; Healey Mill, Whitworth Road, Rochdale OL12 0TF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOUGLAS, Melvyn** [GB/GB]; Healey Mill, Whitworth Road, Rochdale OL12 0TF (GB).

- (74) **BRAY, Lilian, Janet**; L.J. Bray & Co., Raw Holme, Midgehole Road, Hebden Bridge, West Yorkshire HX7 7AF (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ F16H

(11) WO 01/73317 (13) A2

(21) PCT/DE01/01128

(22) 22 Mar/mar 2001 (22.03.2001)

(25) de (26) de

(30) 100 15 374.7 28 Mar/mar 2000 DE (28.03.2000)

(30) 100 15 720.3 29 Mar/mar 2000 DE (29.03.2000)

(30) 100 24 187.5 17 May/mai 2000 DE (17.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • MOTOR VEHICLE WITH GEARBOX
• VEHICULE A MOTEUR DOTE D'UNE BOITE DE VITESSES

(71) **LUK LAMELLEN UND KUPPLUNGS-BAU GMBH** [DE/DE]; Industriestrasse 3, 77815 Bühl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ESLY, Norbert** [DE/DE]; Tucherstrasse 26, 77815 Bühl (DE). **KRETTZ-BUSCH, Volker** [DE/DE]; Hochstrasse 21, 76646 Bruchsal (DE). **NOACK, Detlef** [DE/DE]; Amselweg 2, 77833 Ottersweier-Hatzenweier (DE). **MEUNIER, Martin** [DE/DE]; Hessbergstrasse 1a, 34130 Kassel (DE).

(74) **LUK LAMELLEN UND KUPPLUNGS-BAU GMBH**; GRAUEL, Andreas, 77813 Bühl (DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ F16H 1/12, 55/20

(11) WO 01/73318 (13) A1

(21) PCT/EP01/00022

(22) 3 Jan/jan 2001 (03.01.2001)

(25) de (26) de

(30) 100 14 637.6 24 Mar/mar 2000 DE (24.03.2000)

(30) 100 25 650.3 24 May/mai 2000 DE (24.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • SPIROPLAN GEARBOX
• TRANSMISSION SPIROPLAN

(71) **SEW-EURODRIVE GMBH & CO** [DE/DE]; Ernst-Blickle-Strasse 42, 76646 Bruchsal (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEIBOLD, Hubert** [DE/DE]; Sude-tenstrasse 36, 76694 Forst (DE). **BENDER, Josef** [DE/DE]; Johann-Sebas-tian-Bach-Strasse 1, 76684 Östringen (DE).

(74) **BOHNENBERGER, Johannes** et al. / etc.; Meissner, Bolte & Partner, Widenmayer-strasse 48, 80538 München (DE).

(81) AU BR US.

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

(51)⁷ F16H 9/26

(11) WO 01/73319 (13) A1

(21) PCT/KR01/00453

(22) 22 Mar/mar 2001 (22.03.2001)

(25) ko (26) en

(30) 2000/16002 29 Mar/mar 2000 KR (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • CONTINUOUS VARIABLE TRANS-MISSION
• TRANSMISSION A VARIATION CONTINUE

(71) **B A TECH COMPANY LIMITED** [KR/KR]; Sang-Eun Bldg., 668-5, Yeok-sam-dong, Kangnam-ku, Seoul 135-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIM, Hyeon-Soo** [KR/KR]; 592, Saengcheol-ri, Saengrim-myeon, Kimhae-si, Kyeongsangnam-do 621-820 (KR).

(74) **CHOI, Jong-Wang**; Yeonsan Bldg., 3th Fl., 1547-15, Seocho-dong, Seocho-ku, 137-070 Seoul (KR).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ F16H 59/02

(11) WO 01/73320 (13) A1

(21) PCT/DE01/01154

(22) 27 Mar/mar 2001 (27.03.2001)

(25) de (26) de

(30) 100 15 079.9 28 Mar/mar 2000 DE (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • SHIFTING DEVICE FOR AN AUTO-MATIC GEARBOX IN A MOTOR VE-HICLE
• DISPOSITIF DE CHANGEMENT DE VITESSES POUR UNE BOITE AUTO-MATIQUE D'UN VEHICULE AUTO-MOBILE

(71) **ZF LEMFÖRDER METALLWAREN AG** [DE/DE]; Postfach 1220, 49441 Lemförde (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIEFER, Andreas** [DE/DE]; Stettiner Strasse 2, 49448 Lemförde (DE). **MEYER, Jörg** [DE/DE]; Kurzer Weg 4, 49419 Wagenfeld (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).

Published / Publiée : (c)

(51)⁷ F16H 61/28

(11) WO 01/73321 (13) A1

(21) PCT/DE00/00903

(22) 24 Mar/mar 2000 (24.03.2000)

(25) de (26) de

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • CONTROL FOR AN AUTOMATIC TRANSMISSION
• COMMANDE DE BOITE DE VITESSES AUTOMATIQUE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOCK, Ernst** [DE/DE]; Aussigerstr. 8, D-93057 Regensburg (DE). **WILD, Johann** [DE/DE]; Burgstrasse 12, D-92318 Neumarkt (DE).

(81) DE JP US.

(51)⁷ F16J 9/00, B23K 26/36

(11) WO 01/73322 (13) A1

(21) PCT/DE01/00483

(22) 7 Feb/fév 2001 (07.02.2001)

(25) de (26) de

(30) 100 14 900.6 24 Mar/mar 2000 DE (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • PISTON FOR INTERNAL COMBUS-TION ENGINES
• PISTON POUR MOTEURS A COMBUS-TION INTERNE

(71) **MAHLE GMBH** [DE/DE]; Pragstrasse 26-46, 70376 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISSLER, Wolfgang** [DE/DE]; Schwal-benweg 4, 71409 Schwaikheim (DE).

(74) **MAHLE GMBH**; Patentabteilung, 70376 Stuttgart (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 **F16J 15/00**

(11) **WO 01/73323** (13) A2

(21) PCT/YU01/00007

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) P-191/00 **30 Mar/mar 2000 YU (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SEALING GASKET ON A MOVABLE PISTON IN A CYLINDER

● JOINT D'ETANCHEITE STATIQUE PLACE SUR UN PISTON MOBILE DE CYLINDRE

(71, 72) **DRAGIČEVIĆ, Dragić** [YU/YU]; Ismeta Mujezinovića 26/3, YU-11070 Novi Beograd (YU).

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

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **F16J 15/02**

(11) **WO 01/73324** (13) A1

(21) PCT/US01/08556

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/534,998 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● JOINT ASSEMBLY FOR JOINING A CERAMIC MEMBRANE

● ENSEMBLE JOINT POUR RACCORDER UNE MEMBRANE CERAMIQUE

(71) **PRAXAIR TECHNOLOGY, INC.** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US). **BP AMOCO CORPORATION** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) **WHITE, James, Eric**; 158 Little Robin Road, Amherst, NY 14228 (US). **APTE, Prasad**; 35 Cheshire Lane, East Amherst, NY 14051 (US). **HALVORSON, Thomas, Gilbert**; 5798 Tonawanda Creek Road, Lockport, NY 14094 (US). **BERGSTEN, Victor, Emmanuel**; 1 Sunburst Circle, East Amherst, NY 14051 (US). **MAZANEC, Terry, Joseph**; Apt. 14, 1626 Brookdale Road, Naperville, IL 60563 (US). **SANE, Ajit, Yeshwant**; 3535 Trails End Drive, Medina, OH 44256 (US).

(74) **ROSENBLUM, David, M.** et al. / etc.; Praxair, Inc., 39 Old Ridgebury Road, Danbury, CT 06810-5113 (US).

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

SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F16K**

(11) **WO 01/73325** (13) A2

(21) PCT/US01/09597

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,124 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CARTRIDGE GATE VALVE

● SOUPEPE A CARTOUCHES

(71) **FMC CORPORATION** [US/US]; 200 E. Randolph Drive, Chicago, IL 60601 (US).

(72) **BARTLETT, Christopher, D.**; 8506 Shadow Valley Lane, Spring, TX 77388 (US).

(74) **QUERY, Henry, C., Jr.**; 504 S. Pierce Avenue, Wheaton, IL 60187 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **F16K 5/08, 27/06, F24C 3/12, A47J 37/07**

(11) **WO 01/73326** (13) A1

(21) PCT/AU00/00118

(22) **28 Mar/mar 2000 (28.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● GAS FLOW CONTROL VALVE AND ATTACHMENT TO GAS MANIFOLD ASSEMBLY

● VANNE DE COMMANDE DU FLUX DE GAZ ET FIXATION A UN ENSEMBLE COLLECTEUR DE GAZ

(71) **JAMES, Debra, Marie** [AU/AU]; 22 Barclay Avenue, Frankston, VIC 3102 (AU).

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

(71, 72) **JAMES, Dale, Peter** [AU/AU]; 22 Barclay Avenue, Frankston, VIC 3102 (AU).

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

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (AU).

(81) AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK 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 MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

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

(51)⁷ **F16K 7/00**

(11) **WO 01/73327** (13) A2

(21) PCT/US01/09116

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/192,785 **28 Mar/mar 2000 US (28.03.2000)**

(30) 09/568,425 **10 May/mai 2000 US (10.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SANITARY DIAPHRAGM VALVE

● VANNE ASEPTIQUE A MEMBRANE

(71) **SWAGELOK COMPANY** [US/US]; 29500 Solon Road, Solon, OH 44139 (US).

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

(72, 75) **BROWNE, Ronnie, A.** [US/US]; 9277 Shady Lake Drive, #104J, Streetsboro, OH 44241 (US). **KERG, David, C.** [US/US]; 4615 Angela Drive, Fairview Park, OH 44126 (US).

(74) **GUTT, Ronald, D.** et al. / etc.; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **F16K 31/06**

(11) **WO 01/73328** (13) A1

(21) PCT/EP01/02423

(22) **3 Mar/mar 2001 (03.03.2001)**

(25) de (26) de

(30) 100 14 962.6 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CAPILLARY VALVE THAT CAN BE PULSED

● VANNE CAPILLAIRE A IMPULSIONS

(71) **GSF - FORSCHUNGSZENTRUM FÜR UMWELT UND GESUNDHEIT GMBH** [DE/DE]; Ingolstädter Landstrasse 1, 85764 Neuherberg (DE).

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

(72, 75) **ROHWER, Egmont** [ZA/ZA]; Lynnroweg 101, 0081 Lynnrodene (ZA). **ZIMMERMANN, Ralf** [DE/DE]; Trap-pentreustrasse 29, 80339 München (DE). **DORFNER, Ralph** [DE/DE]; Herenstrasse 12a, 85445 Nicolerding (DE). **KETTRUP, Antonius** [DE/DE]; Rumbecker Höhe 10, 59821 Arnsberg (DE).

(74) **GÜNTHER, Horst**; Forschungszentrum Karlsruhe GmbH, Stabsabteilung Patente und Lizenzen, Postfach 3640, 76021 Karlsruhe (DE).

(81) CA JP US.

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

Published / Publiée : (c)

(51)⁷ **F16K 37/00**

(11) **WO 01/73329** (13) A1

(21) PCT/EP01/03324

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) de (26) de

(30) 100 15 038.1 **25 Mar/mar 2000** DE
(**25.03.2000**)

(30) 100 32 435.5 **4 Jul/juil 2000** DE
(**04.07.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMMISSIONING AND TESTING DEVICE FOR ELECTRICALLY CONTROLLED HYDRAULIC AND/OR PNEUMATIC VALVES

• DISPOSITIF DE MISE EN SERVICE ET D'ESSAI DE SOUPAPES HYDRAULIQUES ET/OU PNEUMATIQUES A COMMANDE ELECTRIQUE

(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) **STAMMBERGER, Rainer** [DE/DE]; Gartenstrasse 19, 57223 Kreuztal (DE).

(74) **VALENTIN, Ekkehard**; Valentini, Gihske, Grosse, Hammerstrasse 2, 57072 Siegen (DE).

(81) BR CA IN JP KR MX US.

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

Published / Publiée : (c)

(51)⁷ **F16L**

(11) **WO 01/73330** (13) A2

(21) PCT/EP01/03421

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) MI2000A000637 **27 Mar/mar 2000** IT
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FITTING FOR PRESSURE COUPLING PLASTICS MATERIAL PIPES

• RACCORD POUR COUPLAGE SOUS PRESSION DE CONDUITE EN PLASTIQUE

(71) **GIACOMINI S.P.A.** [IT/IT]; Via per Alzo, 39, I-28017 S. Maurizio d'Opaglio (IT).

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

(72, 75) **GIACOMINI, Luca** [IT/IT]; Via Santuario, 19, I-28010 Madonna del Sasso (IT).

(74) **ZANELLA, Ireneo**; Zanella & Associati S.r.l., P.O. Box 98, I-22074 Lomazzo (IT).

(81) AT AT (Utility model / modèle d'utilité) BG CA CH CN CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE HR HU IN LU MX NO PL PT RU SE SI SK SK (Utility model / modèle d'utilité) TR UA US YU.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

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

(u) for / pour US only / seulement

(51)⁷ **F16L**

(11) **WO 01/73331** (13) A2

(21) PCT/US01/08172

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/534,685 **24 Mar/mar 2000** US
(**24.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COILED TUBING CONNECTOR

• CONNECTEUR DE TUBES DE PRODUCTION SPIRALES

(71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; Building 01, 6th Floor, 4100 Clinton Drive, Houston, TX 77020 (US).

(72) **SONG, Haoshi**; 3130 Summer Bay Drive, Sugar Land, TX 77478 (US). **ESTEP, James, W.**; 14202 Lake Scene Trail, Houston, TX 77059 (US).

(74) **ROSE, David, A.** et al. / etc.; Conley, Rose & Tayon, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **F16L**

(11) **WO 01/73332** (13) A2

(21) PCT/US01/09186

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/536,162 **25 Mar/mar 2000** US
(**25.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PIPE JOINT ASSEMBLY AND METHOD FOR USING SAME

• ENSEMBLE JOINT DE CONDUIT ET PROCEDE D'UTILISATION

(71) **NON-METALLIC RESOURCES, INC.** [US/US]; 8375 Zeigler Boulevard, Mobile, AL 36608 (US).

(72) **HEUBACH, Glenn, C.**; 782 Hale Road, Mobile, AL 36608 (US). **TRIPP, Jay, D.**; 141 Jefferson Davis Avenue, Biloxi, MS 39530 (US).

(74) **ROGALSKYJ, Peter** et al. / etc.; Braman & Rogalskyj, LLP, P.O. Box 352, Canandaigua, NY 14424-0352 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁶ **F16L 19/10**

(11) **WO 01/73333** (13) A1

(21) PCT/US00/34828

(22) **20 Dec/déc 2000 (20.12.2000)**

(25) en (26) en

(30) 09/469,549 **22 Dec/déc 1999** US
(**22.12.1999**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FERRULE WITH RELIEF TO REDUCE GALLING

• VIROLE A RELIEF PERMETTANT DE REDUIRE L'ERAILLURE

(71) **SWAGELOK COMPANY** [US/US]; 29500 Solon Road, Solon, OH 44139 (US).

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

(72, 75) **WILLIAMS, Peter, C.** [US/US]; 3495 Edison Road, Cleveland Heights, OH 44121 (US). **KUHNS, Howard, C., B.** [US/US]; 1194 Lloyd Avenue, Aurora, OH 44202 (US).

(74) **LEWIS, Leonard, L.** et al. / etc.; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **F16L 25/00, F16J 15/04, B41F 27/12**

(11) **WO 01/73334** (13) A1

(21) PCT/DE01/00384

(22) **1 Feb/fév 2001 (01.02.2001)**

(25) de (26) de

(30) 100 15 165.5 **27 Mar/mar 2000** DE
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR SUPPLY-
ING HYDRAULIC FLUID

• PROCEDE ET DISPOSITIF POUR UNE
CONDUITE DE MOYEN DE PRESSION

(71) **KOENIG & BAUER AKTIENGE-
SELLSCHAFT** [DE/DE]; Friedrich-Koenig-
Str. 4, 97080 Würzburg (DE).

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

(72, 75) **SCHÄFER, Karl, Robert** [DE/DE];
Brunnenstr. 1, 97222 Rimpfing (DE).

(74) **KOENIG & BAUER AKTIENGE-
SELLSCHAFT**; - Lizenzen - Patente -,
Friedrich-Koenig-Str. 4, 97080 Würzburg
(DE).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F16L 29/00**

(11) **WO 01/73335** (13) A1

(21) PCT/US00/08730

(22) **14 Apr/avr 2000 (14.04.2000)**

(25) en (26) en

(30) 09/538,062 **29 Mar/mar 2000** US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COUPLING WITH MALE HALF HAV-
ING INTERNAL PRESSURE RELIEF

• COUPLAGE AVEC PARTIE MALE
POURVUE D'UN CLAPET DE DE-
CHARGE INTERNE

(71) **SNAP-TITE TECHNOLOGIES, INC.**
[US/US]; 103 Springer Bldg., 3411 Silver-
side Road, Wilmington, DE 19810 (US).

(72) **HOPSON, Douglas, F.**; 8349 Odell Street
Extension, Union City, PA 16438 (US).

(74) **MITCHELL, Kenneth, L.** et al. / etc.;
Woodling, Krost & Rust, Suite 1520, 1801
East Ninth Street, Cleveland, OH 44114 (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 SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW.

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

(51)⁷ **F16L 33/207**

(11) **WO 01/73336** (13) A1

(21) PCT/US01/10082

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,858 **29 Mar/mar 2000** US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ONE-PIECE STAMPED SOCKET FOR
HYDRAULIC HOSE FITTINGS

• EMBOITEMENT D'UN SEUL TENANT
ESTAMPE POUR RACCORDS DE
CONDUITE SOUPLE HYDRAULIQUE

(71) **ICE INDUSTRIES** [US/US]; 1925 Ne-
braska Avenue, Toledo, OH 43607 (US).

(72) **ICE, Howard**; 7432 Fox Lane, Holland,
OH 43528 (US). **DELONG, Rodney**; 5846
Normandy, Sylvania, OH 43560 (US). **HUD-
SON, James**; 604 Cloverdale, Toledo, OH
43612 (US).

(74) **SCHURR, Donald, A.** et al. / etc.; Marshall
& Melhorn, LLC, Four SeaGate - 8th floor,
Toledo, OH 43604 (US).

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

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

Published / Publiée : (c)

Declarations / Déclarations :

(s) for all designations / pour toutes les
désignations

(t) for all designations / pour toutes les
désignations

(51)⁷ **F16L 37/12**

(11) **WO 01/73337** (13) A1

(21) PCT/EP01/03248

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 15 028.4 **25 Mar/mar 2000** DE
(25.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SINGLE-PIECE SLIDE-ON CLAMP
WHICH IS BENT OUT OF SPRING
SHEET STEEL, FOR FLANGE COU-
PLINGS

• COLLIER D'UNE SEULE PIECE
CONSTITUE D'UNE TOLE D'ACIER
A RESSORT PLIEE DESTINE A DE
JOINTS A BRIDES

(71, 72) **EBINGER, Günther** [DE/DE];
Schwenninger Strasse 22, 71522 Back-
nang (DE).

(72, 75) **ROSER, Alexander** [DE/DE]; Wildeck
9, 73557 Mutlangen (DE).

(74) **MÜLLER, Gottfried** et al. / etc.; Am
Ochsenberg 16, 73614 Schorndorf (DE).

(81) US.

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

Published / Publiée : (c)

(51)⁷ **F16L 49/00, A61M 39/10, G02B 6/44,
G01N 30/60, F16J 15/06**

(11) **WO 01/73338** (13) A1

(21) PCT/AU00/01256

(22) **16 Oct/oct 2000 (16.10.2000)**

(25) en (26) en

(30) PQ 6469 **27 Mar/mar 2000** AU
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FERRULE SEAL

• JOINT DE VIROLE

(71) **SGE INTERNATIONAL PTY. LTD.**
[AU/AU]; 7 Argent Place, Ringwood, VIC
3134 (AU).

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

(72, 75) **DAWES, Peter, Alexander** [AU/AU]; 53
Beauty Gully Road, Warrandyte, VIC 3113
(AU). **DAWES, Ernest, Frederick** [AU/AU];
2/60 Clarendon Street, East Melbourne, VIC
3002 (AU).

(74) **FREEHILLS CARTER SMITH BEA-
DLE**; Level 47, 101 Collins Street, Mel-
bourne, VIC 3000 (AU).

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

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

(51)⁷ **F16L 55/10, 57/02, F16K 17/34, 17/36,
F17D 5/02**

(11) **WO 01/73339** (13) A1

(21) PCT/CN01/00139

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) zh (26) zh

(30) 00 1 12797.7 **27 Mar/mar 2000** CN
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A PROTECTION DEVICE IN EVENT OF
PIPE RUPTURE

• DISPOSITIF DE PROTECTION
CONTRE L'ECLATEMENT DE TUBES
DE CANALISATION

(71, 72) **ZENG, Xiangwei** [CN/CN]; 11, 4th
Section of Renmin Nanlu, Cheng du City,
Sichuan Province 610041 (CN).

(74) **LIU, SHEN & ASSOCIATES**; A0601,
Huibin Building, Chaoyang District, 8 Be-
ichen Dong Street, Beijing 100101 (CN).

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

/ modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **F16M 11/26, F16B 7/10 // A47B 9/20, 9/04**

(11) **WO 01/73340** (13) A1

(21) PCT/DK01/00216

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) PA 2000 00541 **31 Mar/mar 2000 DK (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A TELESCOPICAL DEVICE
• DISPOSITIF TELESCOPIQUE

(71, 72) **LARSEN, Jørgen** [DK/DK]; Vænget 22, DK-4230 Skælskør (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **F21V 19/04, 8/00, G02B 6/42**

(11) **WO 01/73341** (13) A1

(21) PCT/GB01/01186

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0007215.7 **25 Mar/mar 2000 GB (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LIGHT SOURCE POSITIONING DEVICE
• DISPOSITIF DE POSITIONNEMENT DE SOURCE LUMINEUSE

(71) **TISSUEMED LIMITED** [GB/GB]; 11 Killingbeck Drive, Leeds LS14 6UF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEWART, Douglas, Alastair** [GB/GB]; Rowan Garth, Main Street, Church Fenton, Leeds LS24 9RF (GB). **MOLLOY, James, Oscar** [GB/GB]; 85 High Street, Cheveley, Newmarket, Suffolk CB8 9DQ (GB). **LANGLEY, Christopher, Nigel** [GB/GB]; 120 Leicester Lane, Leamington Spa, Warwickshire CV34 4AB (GB).

(74) **JONES, Stephen, Anthony**; Adamson Jones, Broadway Business Centre, 32a Stoney Street, Nottingham NG1 1LL (GB).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **F21V 31/00, 7/10, 23/02 // F21Y 103:00**

(11) **WO 01/73342** (13) A1

(21) PCT/GR01/00013

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 20000100097 **24 Mar/mar 2000 GR (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTEGRATION SYSTEM OF A REFLECTOR OF LIGHT DIRECTION, PLACED INTO A WATERTIGHT LUMINARY OF FLUORESCENT LAMPS
• SYSTEME D'INTEGRATION D'UN REFLECTEUR DE DIRECTION DE LUMIERE PLACE DANS UN LUMINAIRE DE LAMPES FLUORESCENTES ETANCHE A L'EAU

(71) **PILUX & DANPEX A.G.** [GR/GR]; 20 Katehaki Str., 546 27 Thessaloniki (GR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARAVANTSOS, Antonios** [GR/GR]; 20 Katehaki Str., 546 27 Thessaloniki (GR).

(74) **PAPATEGOU, Theodora**; 20 Katehaki Str., GR-546 27 Thessaloniki (GR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F22B 31/00, C04B 2/00**

(11) **WO 01/73343** (13) A1

(21) PCT/IB01/00467

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 00105999.7 **27 Mar/mar 2000 EP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF PRODUCING STEAM AND AN ALTERNATE PRODUCT IN A POWER PLANT
• PROCEDE DE PRODUCTION DE VAPEUR ET D'UN PRODUIT DE SUBSTITUTION DANS UNE CENTRALE ELECTRIQUE

(71) **ALSTOM POWER N.V.** [NL/NL]; Hullenbergweg 393-395, NL-1101 CS Amsterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANG, Shin, G.** [KR/US]; 11 Trainor Drive, Simsbury, CT 06089 (US). **TOQAN, Majed** [US/FR]; 22, avenue Emile Augier, F-78170 La Celle St. Cloud (FR). **SRINIVASACHAR, Srivats** [US/US]; 10 Podunk Road, Sturbridge, MA 01566 (US).

(74) **PÖPPER, Evamaria**; Alstom (Schweiz) AG, Intellectual Property CHSP, Haselstrasse 16/699/5. OG, CH-5401 Baden (CH).

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

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

Published / Publiée : (c)

(51)⁷ **F23D 14/06**

(11) **WO 01/73344** (13) A1

(21) PCT/US01/05441

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 09/535,796 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SPIRAL-SHAPED ATMOSPHERIC GAS BURNER
• BRULEUR A GAZ ATMOSPHERIQUE EN FORME DE SPIRALE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **HAYNES, Joel, Meier**; 1187 Hillside Avenue, Apartment #5B, Schenectady, NY 12309 (US). **CALOCA, Victor**; Hacienda de Chinampas No. 105, Fraccionamiento, Las Teresas Secc. "A", Queretaro, QRO 76138 (MX). **RAMIREZ, Jeronimo**; Calle 25 de Julio No. 12, (Antes Los Ramirez), Col. LaPiedad, Queretaro, QRO 76154 (MX).

(74) **BENINATI, John, F.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) BR MX.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **F23D 17/00, F23C 11/00**

(11) **WO 01/73345** (13) A1

(21) PCT/JP00/01945

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WATER-ADDED FUEL COMBUSTION
DEVICE
• DISPOSITIF DE COMBUSTION DE
CARBURANT ADDITIONNE D'EAU

(71, 72) **NAKANISHI, Hidetoshi** [JP/JP]; K.K.
Nakanishi Giken, Shinjuku Irand Tower, 20F,
6-5-1, Nishi Shinjuku, Shinjuku-ku, Tokyo
163-1320 (JP).

(81) AU CA DE GB ID KR RU US VN.

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

(51)⁷ **F23J 3/00**

(11) **WO 01/73346** (13) A1

(21) PCT/US01/09158

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/192,105 **24 Mar/mar 2000 US**
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COAL COMBUSTION PRODUCTS RE-
COVERY PROCESS
• PROCEDE DE RECUPERATION DE
PRODUITS DE COMBUSTION DU
CHARBON

(71) **WISCONSIN ELECTRIC POWER
COMPANY** [US/US]; 333 W. Everett Street,
Milwaukee, WI 53203 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **RAMME, Bruce, W.** [US/US]; N51
W3416 Enchanted Court, Okauchee, WI
53069 (US).

(74) **ROCHE, Richard, T.**; Quarles & Brady
LLP, 411 E. Wisconsin Avenue, Milwaukee,
WI 53202-4497 (US).

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

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

Published / Publiée : (c)

(51)⁷ **F23K 5/12, C10L 1/12**

(11) **WO 01/73347** (13) A1

(21) PCT/JP00/01944

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR PRO-
DUCING WATER-ADDED FUEL

• PROCEDE ET DISPOSITIF DE PRO-
DUCTION D'UN COMBUSTIBLE AD-
DITIONNE D'EAU

(71, 72) **NAKANISHI, Hidetoshi** [JP/JP]; K.K.
Nakanishi Giken, Shinjuku Irand Tower, 20F,
6-5-1, Nishi Shinjuku, Shinjuku-ku, Tokyo
163-1320 (JP).

(81) AT CA CN DE GB ID KR RU SG US VN.

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

(51)⁷ **F23L 17/02**

(11) **WO 01/73348** (13) A1

(21) PCT/US01/05786

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 09/537,892 **29 Mar/mar 2000 US**
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ACOUSTIC WIND BAND
• BANDE A AIR ACOUSTIQUE

(71) **MET PRO CORPORATION** [US/US]; 160
Cassell Road, P.O. Box 144, Harleysville, PA
(US).

(72) **TETLEY, Paul, Antony**; 445 Merion Drive,
Newtown, PA 18940 (US). **GANS, Charles,
A.**; 14 Montgomery Drive, Harleysville, PA
19438 (US).

(74) **KURTZ, Richard, E.** et al. / etc.; Woodcock
Washburn Kurtz MacKiewicz & Norris LLP,
One Liberty Place, 46th floor, Philadelphia,
PA 19103 (US).

(81) CN JP SG.

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

(51)⁷ **F23Q 2/00**

(11) **WO 01/73349** (13) A2

(21) PCT/US01/10153

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/193,026 **29 Mar/mar 2000 US**
(29.03.2000)

(30) 09/662,087 **14 Sep/sep 2000 US**
(14.09.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LIQUID FUEL LIGHTER WITH FIT-UP
RIB
• BRIQUET A COMBUSTIBLE LIQUIDE
AVEC SAILLIE DE REAJUSTEMENT

(71) **ZIPPO MANUFACTURING COMPANY**
[US/US]; 33 Barbour Street, Bradford, PA
16701 (US).

(72) **PFEIL, Bruce, Michael**; 737 W. Washing-
ton, Bradford, PA 16701 (US).

(74) **PRINCIPE, David, L.** et al. / etc.; Hodgson
Russ LLP, Suite 2000, One M & T Plaza, Buf-
falo, NY 14203-2391 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ **F24C 1/04**

(11) **WO 01/73350** (13) A1

(21) PCT/EP01/01426

(22) **9 Feb/fév 2001 (09.02.2001)**

(25) de (26) de

(30) 100 15 746.7 **29 Mar/mar 2000 DE**
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COOKING APPLIANCE
• APPAREIL DE CUISSON

(71) **BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH** [DE/DE]; Zentral-
abteilung Patente/Lizenzen, Dr. Richter,
Hochstr. 17, 81669 München (DE).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **ERDMANN, Klaus** [DE/DE]; Tulpenstr.
13, 75045 Walzbachtal (DE).

(74) **BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH**; Zentralabteilung
Patente/Lizenzen, Richter, Hochstr. 17,
81669 München (DE).

(81) US.

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

(51)⁷ **F24C 3/10**

(11) **WO 01/73351** (13) A1

(21) PCT/KR01/00482

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ko (26) en

(30) 2000/15851 **28 Mar/mar 2000 KR**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BURNER IGNITING APPARATUS AND
METHOD OF GAS RANGE
• PROCEDE ET DISPOSITIF D'ALLU-
MAGE DU BRULEUR D'UNE CUISI-
NIERE A GAZ

(71, 72) **KIM, Seong-Soo** [KR/KR]; 107-1104
Mongyeon Town Apt. 716, Ilwon-dong,
Kangnam-gu, Seoul 135-239 (KR). **YOO,
Myoung-Ok** [KR/KR]; 107-1104 Mongyeon
Town Apt. 716, Ilwon-dong, Kangnam-gu,
Seoul 135-239 (KR).

(74) **HANYANG INTERNATIONAL PATENT
AND LAW FIRM**; 648-23 Yeoksam-dong,
Kangnam-gu, Seoul 135-080 (KR).

(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 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ F24C 7/00

(11) WO 01/73352 (13) A2

(21) PCT/FR01/00819

(22) 19 Mar/mar 2001 (19.03.2001)

(25) fr (26) fr

(30) 00/03805 24 Mar/mar 2000 FR
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● IMPROVED COOKING DEVICE WITH
DECONTAMINATION ADJUSTMENT,
AND RELATED METHOD

● DISPOSITIF PERFECTIONNE DE
CUISSON A REGULATION DE DE-
CONTAMINATION, ET PROCEDE
ASSOCIE

(71) COMPAGNIE HOBART [FR/FR]; Z.I.
Paris-Est, 1, allée du 1er mai, F-77183
Croissy Beaubourg (FR).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) FORAY, Michel [FR/FR]; F-39230
Passenans (FR). HOUZET, Hubert [FR/FR];
11/17, rue Saint Hubert, F-77500 Chelles
(FR). BEAUSSE, Gérard [FR/FR]; 2, ter-
rasse Le Nôtre, F-94220 Charenton le Pont
(FR).

(74) VAILLANT, Jeanne et al. / etc.; Ernest Gut-
mann - Yves Plasseraud S.A., 3, rue Chau-
veau-Lagarde, F-75008 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ F24C 15/20

(11) WO 01/73353 (13) A1

(21) PCT/EP01/02177

(22) 26 Feb/fév 2001 (26.02.2001)

(25) de (26) de

(30) 100 15 745.9 29 Mar/mar 2000 DE
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● EXTRACTOR HOOD DEVICE

● DISPOSITIF D'EVACUATION DES
EMANATIONS

(71) BSH BOSCH UND SIEMENS HAUS-
GERÄTE GMBH [DE/DE]; Hochstr. 17,
81669 München (DE).

(72) ERDMANN, Klaus; Tulpenstr. 13, 75045
Walzbachtal (DE).

(81) NO.

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

(51)⁷ F24D 3/16

(11) WO 01/73354 (13) A1

(21) PCT/FI01/00314

(22) 30 Mar/mar 2001 (30.03.2001)

(25) fi (26) en

(30) 20000746 31 Mar/mar 2000 FI
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ARRANGEMENT IN A HEATING RA-
DIATOR

● AGENCEMENT DE RADIATEUR DE
CHAUFFAGE

(71, 72) PARTANEN, Seppo [FI/FI]; Han-
nuksentie 12-14, FIN-02270 Espoo (FI).
HUHTALA, Juha [FI/FI]; Susisuontie 3,
FIN-02400 Kirkkonummi (FI).

(74) LAITINEN, Pauli, S.; Patentti-Laitinen OY,
P.O. Box 29, FIN-02771 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ F24F 3/16, B01D 46/10

(11) WO 01/73355 (13) A1

(21) PCT/AU01/00337

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) PQ 6562 29 Mar/mar 2000 AU
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CHEMICAL UPGRADING OF FILTERS

● AMELIORATION CHIMIQUE DE
FILTRES

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

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

(74) BALDWIN SHELSTON WATERS; 60
Margaret Street, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ F24F 3/16, B01D 46/10

(11) WO 01/73356 (13) A1

(21) PCT/AU01/00339

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) PQ 6563 29 Mar/mar 2000 AU
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● BIOSTATIC FILTER

● FILTRE BIOSSTATIQUE

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

(72, 75) KRITZLER, Steven [AU/AU]; 9 Reg-
dum Avenue, Cronulla, NSW 2230 (AU).

(74) BALDWIN SHELSTON WATERS; 60
Margaret Street, Sydney, NSW 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

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

(51)⁷ F24F 11/00, F24D 3/00, G05D 23/00

(11) WO 01/73357 (13) A1

(21) PCT/SE01/00295

(22) 13 Feb/fév 2001 (13.02.2001)

(25) sv (26) en

(30) 0001092-6 27 Mar/mar 2000 SE
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR HEATING AND FOR
AN IMMEDIATE CONTROL OF THE
CLIMATE IN SEPARATE ROOMS OF
A BUILDING BY USING A CLIMAT-
ING TECHNIQUE HAVING A BUILT
INTELLIGENCE

● PROCEDE DE CHAUFFAGE ET DE
REGULATION IMMEDIATE DE LA
CLIMATISATION DANS DES PIECES
SEPARÉES D'UN BATIMENT AU
MOYEN D'UNE TECHNIQUE DE
CLIMATISATION EQUIPEE D'UNE
INTELLIGENCE INTEGREE

(71) PLUGGIT INTERNATIONAL N.V.
[NL/NL]; Caracasbaaiweg 201, P.O. Box
6085, Curacao (AN).

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

(72, 75) BERNHARDSSON, Göran [SE/BE];
Ave. de Fleuruse 3, B-1050 Bryssel (BE).

PFEIFFER, Georg [DE/SE]; Ynglingavägen 3, S-182 62 Djursholm (SE).

(74) **ERIKSSON, Hans**; Box 50, S-641 21 Katrineholm (SE).

(81) AU BR CA CN HU JP KR MX NO NZ PL RO RU US.

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

(51)⁷ **F24F 11/02**

(11) **WO 01/73358** (13) A1

(21) PCT/JP01/02433

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-85465 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AIR CONDITIONER
• CLIMATISEUR

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazakinishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).

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

(72, 75) **NAGAYOSHI, Katsunori** [JP/JP]; Kanaoka Factory, Sakai-Plant, Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP). **YAMAOKA, Kazushi** [JP/JP]; Kanaoka Factory, Sakai-Plant, Daikin Industries, Ltd., 1304, Kanaoka-cho, Sakai-shi, Osaka 591-8511 (JP).

(74) **YOSHIDA, Shigeaki** et al. / etc.; Sumitomo-seimei OBP Plaza Building, 10th floor, 4-70, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) AU CN IN KR SG US.

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

(51)⁷ **F24H 1/10, 6/00, 8/00**

(11) **WO 01/73359** (13) A1

(21) PCT/CN00/00291

(22) **26 Sep/sep 2000 (26.09.2000)**

(25) zh (26) zh

(30) 00 1 13339.X **24 Mar/mar 2000 CN (24.03.2000)**

(30) 00 1 13460.4 **29 May/mai 2000 CN (29.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HOT-WATER FURNACE
• APPAREIL DE CHAUFFAGE D'EAU

(71, 72) **YAN, Mengqiu** [CN/CN]; 79 Heximin Road, Hunan province, Changsha City 410006 (CN).

(74) **LUNG TIN INTERNATIONAL PATENT & TRADEMARK AGENT LTD.**; Int'l Enterprises Cooperation Business Tower, Suite 504-511, 20 Zhichun Road, Haidian District, Beijing 100088 (CN).

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

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

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

(51)⁷ **F25B 40/00, 41/06**

(11) **WO 01/73360** (13) A1

(21) PCT/DK01/00142

(22) **5 Mar/mar 2001 (05.03.2001)**

(25) da (26) en

(30) PA 2000 00398 **13 Mar/mar 2000 DK (13.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REGULATOR WITH RECEIVER FOR REFRIGERATORS AND HEATPUMPS
• REGULATEUR AVEC BOUTEILLE ACCUMULATRICE POUR REFRIGERATEURS ET POMPES A CHALEUR

(71, 72) **ZIMMERMANN, Lars, Christian, Wulff** [DK/DK]; Højgårdsparken 18, DK-8380 Trige (DK).

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

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

(51)⁷ **F25D 25/02, A47B 88/04**

(11) **WO 01/73361** (13) A1

(21) PCT/EP01/02079

(22) **23 Feb/fév 2001 (23.02.2001)**

(25) de (26) de

(30) 100 15 424.7 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REFRIGERATION DEVICE
• APPAREIL FRIGORIFIQUE

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Zentralabteilung Patente und Lizenzen, Herrn Thoma, Hochstrasse 17, 81669 München (DE).

(72) **KAISER, Mario**; Ronspergerstrasse 25, 73525 Schwäbisch Gmünd (DE).

(81) AU NZ SI.

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

Published / Publiée : (c)

(51)⁷ **F26B 3/28**

(11) **WO 01/73362** (13) A1

(21) PCT/EP01/03182

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 200 05 670.0 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UV IRRADIATION DEVICE WITH AN ESSENTIALLY CLOSED REFLECTOR, IN PARTICULAR FOR THE HARDENING OF UV SENSITIVE ADHESIVES

• DISPOSITIF D'EXPOSITION AUX RAYONS U.V. A REFLECTEUR SENSIBLEMENT FERME, NOTAMMENT POUR DURCIR DES ADHESIFS REACTIFS AUX U.V.

(71) **DR. HÖNLE AG** [DE/DE]; Fraunhoferstrasse 5, 82152 Planegg (DE).

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

(72, 75) **KOBAN, Peter** [DE/DE]; Milbertshofener Strasse 116, 80807 München (DE). **RUNGE, Heiko** [DE/DE]; Germaniastrasse 13a, 80802 München (DE). **BEIER, Peter** [DE/DE]; Ruessstrasse 28a, 80997 München (DE). **STIRNER, Dieter** [DE/DE]; Hochstrasse 33, 81541 München (DE).

(74) **KÖRBER, Martin**; Mitscherlich & Partner, Sonnenstrasse 33, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F26B 5/06**

(11) **WO 01/73363** (13) A1

(21) PCT/US01/09779

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/535,846 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COVER PLATE FOR USE IN LYOPHILIZATION

• PLAQUE DE RECOUVREMENT S'UTILISANT LORS DE LA LYOPHILISATION

(71) **ATRIX LABORATORIES, INC.** [US/US]; 2579 Midpoint Drive, Fort Collins, CO 80525 (US).

(72) **MADRIL, Dominic, G.**; 501 Crescent Drive, Loveland, CO 80538 (US). **YARBOROUGH, Cody, L.**; 124 N. McKinley, Ft. Collins, CO 80521 (US). **BAWA, Rajan**; 4414 Gray Fox Road, Fort Collins, CO 80526

(US). **BARRETT, Christopher, J.**; 2107 Creekwood Drive, Ft. Collins, CO 80525 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F26B 15/10**

(11) **WO 01/73364** (13) A1

(21) PCT/EP01/02935

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) GE2000A000044 **24 Mar/mar 2000 IT (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VERTICAL KILN

• FOUR VERTICAL

(71) **CEFLA SOC. COOP. A R.L.** [IT/IT]; Via Selice Provinciale 23/a, I-40026 Imola (IT). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FRANZONI, Luigi** [IT/IT]; Via Rossini, 26, I-40026 Imola (IT). **MARINI, Valdo** [IT/IT]; Via Caduti nei Lager, 24, I-48011 Alfonsine (IT).

(74) **PORSIA, Attilio** et al. / etc.; Succ. Ing. Fischetti & Weber, Via Caffaro, 3/2, I-16124 Genova (IT).

(81) US.

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

Published / Publiée : (c)

(51)⁷ **F28F 27/00, F22B 35/00**

(11) **WO 01/73365** (13) A1

(21) PCT/SE01/00624

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) sv (26) en

(30) 0001062-9 **24 Mar/mar 2000 SE (24.03.2000)**

(30) 0004378-6 **29 Nov/nov 2000 SE (29.11.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A DEVICE AND A METHOD FOR TRANSFERRING HEAT AND USE THEREOF

• DISPOSITIF ET PROCÉDE PERMETTANT DE TRANSFERER DE LA CHALEUR, ET UTILISATION

(71, 72) **LUNDQVIST, Roland** [SE/SE]; Högåsvägen 19, S-825 93 Njutånger (SE).

(74) **OLSSON, Jan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **F28F 27/02, F28D 9/00**

(11) **WO 01/73366** (13) A1

(21) PCT/FR01/00931

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 00/03917 **28 Mar/mar 2000 FR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PLATE HEAT EXCHANGER

• ECHANGEUR DE CHALEUR A PLAQUES

(71) **COMPAGNIE INDUSTRIELLE D'APPLICATIONS THERMIQUES** [FR/FR]; Avenue Falconnier, F-01350 Culoz (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ALTAZIN, Marc** [FR/FR]; Chemin de Berthes, F-73100 Brison Saint Innocent (FR). **BAILLY, André** [FR/FR]; Linod, F-01260 Vieu en Valromey (FR). **CROISSET, Jean-Michel** [FR/FR]; Lotissement La Couvette, F-73410 La Biolle (FR). **JURKOWSKI, Romuald** [FR/FR]; 9, rue des Millettes, F-01350 Culoz (FR). **MEZIANI, Slimane** [FR/FR]; 56, chemin des Varons, F-73370 Bourget du Lac (FR). **MICHAUD, Jean-Marie** [FR/FR]; Rue Albert Fériet, F-01350 Culoz (FR).

(74) **SCHOULLER, Jean-Philippe** et al. / etc.; Cabinet Lavoix, 62, rue de Bonnel, F-69448 Lyon Cedex 03 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **F41A 17/74**

(11) **WO 01/73367** (13) A1

(21) PCT/EP01/02577

(22) **7 Mar/mar 2001 (07.03.2001)**

(25) de (26) de

(30) 100 14 687.2 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HAND FIREARM WITH SAFETY DEVICE FOR A TENSIONING ELEMENT

• ARME DE POING AVEC SECURITE POUR ELEMENT TENDEUR

(71) **HECKLER & KOCH GMBH** [DE/DE]; Beffendorfer Strasse 1, 78727 Oberndorf/Neckar (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WELDLE, Helmut** [DE/DE]; Steigweg 27, 78727 Oberndorf (DE).

(74) **VON SAMSON-HIMMELSTJERNA, Friedrich, R.** et al. / etc.; Samson & Partner, Widenmayerstrasse 5, 80538 München (DE).

(81) CA KR US ZA.

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

(51)⁷ **F41A 23/16**

(11) **WO 01/73368** (13) A1

(21) PCT/EP01/03155

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 15 196.5 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ADJUSTING DEVICE FOR SMALL ARMS

• APPAREIL DE REGLAGE POUR ARME A FEU DE POING

(71, 72) **BRIOL, Thomas** [DE/DE]; Beihingstrasse 24, 72221 Haiterbach (DE).

(74) **KLOCKE, Peter** et al. / etc.; Kappelstrasse 8, 72160 Horb (DE).

(81) CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **F41G 3/26**

(11) **WO 01/73369** (13) A1

(21) PCT/US01/02136

(22) **22 Jan/jan 2001 (22.01.2001)**

(25) en (26) en

(30) 09/534,773 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PRECISION GUNNERY SIMULATOR SYSTEM AND METHOD

• METHODE ET SYSTEME DE SIMULATEUR DE TIR DE PRECISION

(71) **CUBIC DEFENSE SYSTEMS, INC.** [US/US]; 9333 Balboa Avenue, San Diego, CA 92186 (US).

(72) **VARSHNEYA, Deepak**; 3057 Caminito Sagunto, Del Mar, CA 92014 (US). **PERKES, Wallace, Sterling**; 3057 Caminito Sagunto, Del Mar, CA 92014 (US).

(74) **JESTER, Michael, H.**; Law Offices of Michael H. Jester, Symphony Towers, 750

B Street, Suite 2560, San Diego, CA 92101 (US).

(81) AE AG AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **F42B 12/20**

(11) **WO 01/73370** (13) A1

(21) PCT/EP01/03290

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) de (26) de

(30) 100 15 070.5 **25 Mar/mar 2000 DE (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • EXPLOSIVE CHARGE FOR A WAR-HEAD

• CHARGE EXPLOSIVE POUR OGIVE

(71) **TDW GESELLSCHAFT FÜR WEHRTECHNISCHE WIRKSYSTEME MBH** [DE/DE]; 86523 Schrobenhausen (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARNOLD, Werner** [DE/DE]; Johann-Haas-Strasse 30, 85051 Ingolstadt (DE). **MUTHIG, Helmut** [DE/DE]; Höhenstrasse 2, 85276 Pfaffenhofen (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW) EA (AM AZ BY KG KZ MD RU TJ TM) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR) OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG)

(51)⁷ **F42C 11/00**

(11) **WO 01/73371** (13) A2

(21) PCT/US01/10290

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) 09/538,785 **30 Mar/mar 2000 US (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MAGNETICALLY SENSED SECOND ENVIRONMENT SAFETY AND ARMING DEVICE

• SECURITE DE SECOND ENVIRONNEMENT A DETECTION MAGNETIQUE ET DISPOSITIF D'ARMEMENT

(71) **ALLIANT TECHSYSTEMS INC.** [US/US]; 600 Second Street N.E., Hopkins, MN 55343-8384 (US).

(72) **CEOLA, Kenneth, D.**; 838 Haralson Drive, Apple Valley, MN 55124 (US).

(74) **ARRETT, Richard, A.**; Vidas, Arrett & Steinkraus, 6109 Blue Circle, Minnetonka, MN 55343 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G01B 5/008, G05B 19/00, B23Q 35/04**

(11) **WO 01/73372** (13) A1

(21) PCT/SE01/00643

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) sv (26) en

(30) 0001042-1 **24 Mar/mar 2000 SE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR PRODUCING A SURFACE TEXTURE

• PROCEDE ET APPAREIL PERMETTANT DE PRODUIRE UN ETAT DE SURFACE

(71, 72) **ROSEN, Bengt-Göran** [SE/SE]; Eketångsvägen 32, S-302 41 Halmstad (SE).

(74) **AWAPATENT AB**; Box 11394, S-404 28 Göteborg (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G01B 9/02, G01H 9/00**

(11) **WO 01/73373** (13) A1

(21) PCT/NO01/00125

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) no (26) en

(30) 20001539 **24 Mar/mar 2000 NO (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR VIBRATION MEASUREMENT AND INTERFEROMETER

• PROCEDE DE MESURE DE VIBRATION ET INTERFEROMETRE

(71) **OPTONOR AS** [NO/NO]; Harald Hårfagres gt. 5, N-7041 Trondheim (NO). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VIKHAGEN, Eioolf** [NO/NO]; Bromstadvn. 44, N-7045 Trondheim (NO).

(74) **CURO AS**; P.O. Box 38, N-7231 Lundamo (NO).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G01B 9/04, G02B 21/24, 21/26**

(11) **WO 01/73374** (13) A1

(21) PCT/CH01/00165

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 581/00 **27 Mar/mar 2000 CH (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MEASURING MICROSCOPE

• MICROSCOPE DE MESURE

(71, 72) **BÜCHLER, Roman** [CH/CH]; Unterdorf 8, CH-6312 Steinhausen (CH).

(74) **ULRICH, Gerhard, H.**; Brunnenweid 55, CH-5643 Sins (CH).

(81) AT AU CA CH DE DK ES FI GB IL IN JP KP KR LU NO PL PT SE SG US YU.

(84) 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).

(51)⁷ **G01B 11/00**

(11) **WO 01/73375** (13) A1

(21) PCT/JP01/02860

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) ja (26) ja

(30) 2000-136413 **31 Mar/mar 2000 JP (31.03.2000)**

- (30) 2001-15125 **23 Jan/jan 2001** JP
(**23.01.2001**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **DISPLACEMENT SENSOR**
• **CAPTEUR DE DEPLACEMENT**
- (71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ISHIKAWA, Nobuharu** [JP/JP]; c/o OMRON Corporation, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **YAMASHITA, Yoshihiro** [JP/JP]; c/o OMRON Corporation, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **NAKASHIMA, Hirotaka** [JP/JP]; c/o OMRON Corporation, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **KAWACHI, Masahiro** [JP/JP]; c/o OMRON Corporation, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **SHIMADA, Koji** [JP/JP]; c/o OMRON Corporation, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **OBA, Hitoshi** [JP/JP]; c/o OMRON Corporation, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).
- (74) **IIZUKA, Shin-ichi**; IIZUKA INTERNATIONAL PATENT OFFICE, 4th floor, Keiodo Goen Bldg., 11-13, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **G01B 11/06, G01J 4/00**
- (11) **WO 01/73376** (13) A1
- (21) PCT/US01/09809
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,648 **27 Mar/mar 2000** US
(**27.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **COHERENT GRADIENT SENSING ELLIPSOMETER**
• **ELLIPSOMETRE A DETECTION COHERENTE DE GRADIENT**
- (63) US 60/192,648 (CON)
27 Mar/mar 2001 (27.03.2001)
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91225 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOYD, David, A.** [US/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 128-95, Pasadena, CA 91225 (US). **ROSAKIS, Ares, J.** [—/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 105-50, Pasadena, CA 91225 (US). **OWEN, David, M.** [—/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 105-50, Pasadena, CA 91225 (US).
- (74) **HARRIS, Scott, C.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G01C 19/72**
- (11) **WO 01/73377** (13) A1
- (21) PCT/US01/09492
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,276 **27 Mar/mar 2000** US
(**27.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **DITHERING SYSTEM AND METHOD FOR A LASER DIODE LIGHT SOURCE FOR AN OPTICAL GYROSCOPE**
• **SYSTEME ET PROCEDURE DE JUXTAPOSITION POUR UNE SOURCE DE LUMIERE A DIODE-LASER POUR GYROSCOPE OPTIQUE**
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).
- (72) **LO, Pei-Hwa**; 3 Cobblestone Lane, Ramsey, NJ 07446 (US). **CALIFANO, Herb**; 147 Pinetree Road, Bloomingdale, NJ 07403 (US).
- (74) **YEADON, Loria, B.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **G01C 21/26, G08G 1/09**
- (11) **WO 01/73378** (13) A1
- (21) PCT/DE01/01100
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) de (26) de
- (30) 100 14 981.2 **25 Mar/mar 2000** DE
(**25.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **METHOD AND DEVICE FOR DATA TRANSMISSION AND STORAGE FOR A NAVIGATION UNIT**
• **PROCEDE ET DISPOSITIF POUR TRANSMETTRE ET STOCKER DES DONNEES POUR UN SYSTEME DE NAVIGATION**
- (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) **DUCKECK, Ralf** [DE/DE]; Zierenbergstrasse 11, 31137 Hildesheim (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- Published / Publiée : (c)
-
- (51)⁷ **G01D 5/38, 5/347, G11B 7/09**
- (11) **WO 01/73379** (13) A1
- (21) PCT/US00/08294
- (22) **28 Mar/mar 2000 (28.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **ROTARY ENCODER**
• **CODEUR ROTATIF**
- (71) **AIM CONTROLS, INC.** [US/US]; 10138 Commercial Court #112, Penn Valley, CA 95946 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SOUTHAM, Gordon, R.** [US/US]; Apartment 30, 536 Whiting Street, Grass Valley, CA 95945 (US). **DWYER, Patrick, H.** [US/US]; 17318 Piper Lane, Penn Valley, CA 95946 (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 CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **G01D 21/02, E21B 47/12, G01L 19/00**
- (11) **WO 01/73380** (13) A1
- (21) PCT/GB01/01326
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 0007325.4 **27 Mar/mar 2000** GB
(**27.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)

(54) • SENSOR APPARATUS WITH TWO RESONANT TRANSDUCERS AND A SINGLE CONDUCTOR
• APPAREIL DETECTEUR DOTE DE DEUX TRANSDUCTEURS RESONNANTS ET D'UN SEUL CONDUCTEUR

(71, 72) **ATHERTON, Eric** [GB/GB]; 83 Wroslyn Road, Freeland, Witney, Oxfordshire OX8 8HL (GB).

(74) **TOWNSEND, Victoria, Jayne** et al. / etc.; Fry Heath & Spence, The Old College, 53 High Street, Horley, Surrey RH6 7BN (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G01F**

(11) **WO 01/73381** (13) A2

(21) PCT/JP01/02539

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 2000-88760 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PARTICLE SENSOR
• CAPTEUR DE PARTICULES

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **HAYASHI, Masanori** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **KIRIHATA, Shinji** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **NISHIKAWA, Takayuki** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **SAKAMOTO, Koji** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **WADA, Takeshi** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

(72, 75) **OKA, Shoichi** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **HAYASHI, Masanori** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **KIRIHATA, Shinji** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **NISHIKAWA, Takayuki** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **SAKAMOTO, Koji** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **WADA, Takeshi** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048 Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

(74) **NISHIKAWA, Yoshikiyo** et al. / etc.; Hokuto Patent Attorneys Office, Umeda-Dai-ichiseimei Bldg. 5F, 1-12-17 Umeda, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G01F 15/06**

(11) **WO 01/73382** (13) A1

(21) PCT/EP01/01438

(22) **9 Feb/fév 2001 (09.02.2001)**

(25) de (26) de

(30) 100 15 619.3 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FIELD DEVICE COMPRISING AN ADDITIONAL POWER SUPPLY UNIT
• APPAREIL DE TERRAIN AVEC UNITE D'ALIMENTATION EN COURANT SUPPLEMENTAIRE

(71) **ENDRESS + HAUSER GMBH + CO.** [DE/DE]; Hauptstr. 1, 79689 Maulburg (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BURGER, Stefan** [DE/DE]; Tullastrasse 30, 79108 Freiburg i. Br. (DE). **HUBER, Gerhard** [DE/DE]; Feriendorf 10, 79698 Wies-Stockmatt (DE).

(74) **ANDRES, Angelika**; Endress + Hauser (Deutschland) Holding GmbH, PatServe, Colmarer Str. 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G01F 23/296, G01N 9/00**

(11) **WO 01/73383** (13) A1

(21) PCT/EP01/01442

(22) **9 Feb/fév 2001 (09.02.2001)**

(25) de (26) de

(30) 100 14 724.0 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR DETECTING AND/OR MONITORING THE LEVEL OF A MEDIUM IN A CONTAINER
• PROCEDE ET DISPOSITIF DE DETECTION ET/OU DE CONTROLE DU NIVEAU D'UN FLUIDE DANS UN CONTENEUR

(71) **ENDRESS + HAUSER GMBH + CO.** [DE/DE]; Hauptstrasse 1, 79689 Maulburg (DE).

(72) **D'ANGELICO, Sascha**; Basler Strasse 70, 79540 Lörrach (DE). **LOPATIN, Sergej**; Pestalozzistrasse 51, 79540 Lörrach (DE).

(74) **ANDRES, Angelika**; Endress + Hauser (Deutschland) Holding GmbH, PatServe, Colmarer Strasse 6, 79576 Weil am Rhein (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G01J 3/00**

(11) **WO 01/73384** (13) A1

(21) PCT/FI01/00313

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) fi (26) en

(30) 20000737 **31 Mar/mar 2000 FI (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR IMAGING MEASUREMENT, IMAGING MEASURING DEVICE AND USE OF MEASURED INFORMATION IN PROCESS CONTROL
• PROCEDE DE MESURE PAR IMAGERIE, DISPOSITIF DE MESURE PAR IMAGERIE ET UTILISATION D'INFORMATIONS DE MESURE DANS UN PROCEDE DE COMMANDE

(71) **OSEIR OY** [FI/FI]; Pinninkatu 53 B, FIN-33100 Tampere (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HÄMÄLÄINEN, Esa** [FI/FI]; Pinninkatu 34 B 50, FIN-33100 Tampere (FI). **VATULAINEN, Juha** [FI/FI]; Rantaniitynkujä 3, FIN-36200 Kangasala (FI).

(74) **TAMPEREEN PATENTTITOIMISTO OY**; Hermiankatu 6, FIN-33720 Tampere (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G01J 4/04, 4/00, G01B 9/02**

(11) **WO 01/73385** (13) A1

(21) PCT/US01/09384

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/193,652 **31 Mar/mar 2000** US
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM FOR MEASURING OF BOTH CIRCULAR AND LINEAR BIREFRINGENCE
• SYSTEME DESTINE A MESURER LA BIREFRINGENCE CIRCULAIRE ET LINEAIRE

(71) **HINDS INSTRUMENTS, INC** [US/US]; 3175 NW Alocleck Drive, Hillsboro, OR 97124 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAOLIANG, Wang** [—/US]; 16254 NW Jocelyn Street, Beaverton, OR 97006 (US).

(74) **HUGHEY, Patrick, W.**; Ipsolon LLP, 805 SW Broadway #2740, Portland, OR 97205 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G01J 5/08**

(11) **WO 01/73386** (13) A1

(21) PCT/DE01/01083

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) de (26) de

(30) 100 15 687.8 **29 Mar/mar 2000** DE
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • THERMAL RADIATION DETECTION DEVICE, METHOD FOR PRODUCING THE SAME AND USE OF SAID DEVICE
• DISPOSITIF DE DETECTION DE RAYONNEMENT THERMIQUE, PROCEDE DE PRODUCTION ET UTILISATION DUDIT DISPOSITIF

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUCHHAUS, Rainer** [DE/JP]; 2-12-35, Ushikubo-Higashi, Tsuzuki-kuhen, Yokohama-shi, Kanagawa 224-0014 (JP).
PITZER, Dana [DE/DE]; Hans-Fal-lada-Str.5, 85716 Unterschleissheim (DE).
SCHUBERT, Axel [DE/DE]; Sommerstr.25, 81543 München (DE).
WINKLER, Bernhard [AT/DE]; Ravensburger Ring 28, 81243 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (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).

Published / Publiée : (c)

(51)⁷ **G01J 9/00, H04J 14/02**

(11) **WO 01/73387** (13) A1

(21) PCT/DE01/01079

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 100 14 644.9 **24 Mar/mar 2000** DE
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL MODULE FOR THE WAVELENGTH REFERENCE MEASUREMENT IN WDM SYSTEMS
• MODULE OPTIQUE POUR MESURE DE REFERENCE DE LONGUEURS D'ONDE DANS DES SYSTEMES WDM

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALTHAUS, Hans-Ludwig** [DE/DE]; Georgstrasse 12, 93138 Lappersdorf (DE).
SCHLERETH, Karl-Heinz [DE/DE]; Akazienweg 21, 93133 Burglengenfeld (DE).
REILL, Joachim [DE/DE]; Hauptstrasse 40, 93197 Zeitlarn (DE).

(74) **LAMBSBORFF, Matthias**; Dingolfinger Strasse 6, 81673 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G01K 11/06**

(11) **WO 01/73388** (13) A1

(21) PCT/ZA00/00240

(22) **6 Dec/déc 2000 (06.12.2000)**

(25) en (26) en

(30) 2000/1639 **31 Mar/mar 2000** ZA
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FREEZER FAILURE INDICATOR
• INDICATEUR DE DEFAILLANCE DE CONGELATEUR

(71, 72) **VON SEIDEL, Michael** [ZA/ZA]; 10 Leccino Terrace, Bakkershoopte, Somerset West, 7130 Western Cape Province (ZA).
LEVIN, Julian [ZA/ZA]; 6, 5th Avenue, Emmarentia, Johannesburg, 2001 Gauteng Province (ZA).

(74) **VON SEIDEL, Michael**; 10 Leccino Terrace, Bakkershoopte, Somerset West, 7130 Western Cape Province (ZA).

(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 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G01L 1/10, 3/10, 17/00, B60C 23/200**

(11) **WO 01/73389** (13) A1

(21) PCT/SE99/01000

(22) **8 Jun/juin 1999 (08.06.1999)**

(25) sv (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SENSOR FOR NON-CONTACTING DETECTION VIA MODULATION OF ELECTROMAGNETIC SIGNAL THROUGH BY MEASUREMENT ENTITY CONTROLLED MECHANICAL RESONANCE
• DETECTEUR PERMETTANT LA DETECTION SANS CONTACT PAR MODULATION D'UN SIGNAL ELECTROMAGNETIQUE AU MOYEN D'UNE RESONANCE MECANIQUE COMMANDEE PAR UN ORGANE DE MESURE

(71, 72) **TYRÉN, Carl** [SE/MC]; 7, Avenue Saint Roman, MC-98 000 Monaco (MC).

(74) **HANSSON THYRESSON PATENT-BYRA AB**; Box 73, S-201 20 MALMÖ (SE).

(81) AU BR CA CN JP RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **G01L 1/12, 3/10, H01L 41/14**

(11) **WO 01/73390** (13) A1

(21) PCT/EP01/03562

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0007532.5 **28 Mar/mar 2000** GB
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MAGNETIC-BASED FORCE/TORQUE SENSOR
• DETECTEUR DE FORCE/COUPLE A BASE MAGNETIQUE

(71) **FAST TECHNOLOGY AG** [DE/DE]; Otto-Hahn-Strasse 24, Gewerbegebiet Riemerling, 85521 Ottobrunn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAY, Lutz, Axel** [DE/DE]; Wolfpratshäuser Strasse 23a, 82538 Gelting (DE).

(74) **LLOYD WISE, TREGEAR & CO.**; Commonwealth House, 1-19 New Oxford Street, London WC1A 1LW (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ G01L 9/00

(11) WO 01/73391 (13) A1

(21) PCT/DE01/01119

(22) 23 Mar/mar 2001 (23.03.2001)

(25) de (26) de

(30) 100 14 992.8 25 Mar/mar 2000 DE (25.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SENSOR ASSEMBLY
• SYSTEME DE DETECTION

(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) NAEGELE, Erwin [DE/DE]; Hinterdorfstrasse 43, 74394 Hessigheim (DE). KNAPP, Martin [DE/DE]; Baumgartenstrasse 10, 72138 Kirchentellinsfurt (DE). MUELLER, Wolfgang, E. [DE/DE]; Rutesheimer Strasse 30/1, 71229 Leonberg (DE). FISCHER, Andreas [DE/DE]; In Den Klingwiesen 8/1, 72827 Wannweil (DE). GEBERS, Joerg [DE/DE]; Mathilde-Planck-Strasse 6, 71282 Hemmingen (DE).

(81) CN JP KR RU US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ G01M 7/08

(11) WO 01/73392 (13) A1

(21) PCT/SE01/00661

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 0001093-4 27 Mar/mar 2000 SE (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A TEST DEVICE AND A CONTROL SYSTEM FOR A TEST DEVICE
• DISPOSITIF D'ESSAI ET SYSTEME DE COMMANDE POUR LEDIT DISPOSITIF

(71) ABB AB [SE/SE]; S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHANSSON, Börje [SE/SE]; Kristiansborgsallén 19, S-722 19 Västerås (SE). NORBERG, Kjell [SE/SE]; Hökåsvägen 52, S-722 31 Västerås (SE). GALIC, Johann [SE/SE]; Järnvägsgatan 13, S-735 31 Surahammar (SE).

(74) DR. LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 17192, 104 62 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G01M 7/08

(11) WO 01/73393 (13) A1

(21) PCT/SE01/00662

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 0001093-4 27 Mar/mar 2000 SE (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A CONTROL SYSTEM FOR AND A METHOD OF CONTROLLING A TEST DEVICE
• SYSTEME ET PROCEDE PERMETTANT DE COMMANDER UN DISPOSITIF D'ESSAI

(71) ABB AB [SE/SE]; S-721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) JOHANSSON, Börje [SE/SE]; Kristiansborgsallén 19, S-722 19 Västerås (SE). NORBERG, Kjell [SE/SE]; Hökåsvägen 52, S-722 31 Västerås (SE). GALIC, Johann [SE/SE]; Järnvägsgatan 13, S-735 31 Surahammar (SE).

(74) DR LUDWIG BRANN PATENTBYRÅ AB; P.O. Box 17192, S-104 62 Stockholm (SE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ G01N

(11) WO 01/73394 (13) A2

(21) PCT/US01/09565

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/193,143 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR DETERMINING PHYSIOLOGICAL CHARACTERISTICS
• PROCEDE ET APPAREIL POUR DETERMINER DES CARACTERISTIQUES PHYSIOLOGIQUES

(71) KINDERLIFE INSTRUMENTS, INC. [US/US]; 1320 Villa Street, Mountain View, CA 94041 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) STONE, Robert, T. [US/US]; 869 Cumberland Drive, Sunnyvale, CA 94087 (US).

MILLS, Alexander, K. [CA/US]; 7 Old Westbury Lane, Webster Groves, MO 63119 (US).

(74) FRANCIS, Ralph, C.; Francis Law Group, 1808 Santa Clara Avenue, Alameda, CA 94501 (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 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

Declaration / Déclaration :
(u) for / pour US only / seulement

(51)⁷ G01N 1/00

(11) WO 01/73395 (13) A2

(21) PCT/US01/09675

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 09/536,234 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF PREVENTING SHORT SAMPLING OF A CAPILLARY OR WICKING FILL DEVICE
• PROCEDE EMPECHANT LE PRELEVEMENT BREF PAR UN DISPOSITIF SE REMPLISSANT PAR CAPILLARITE OU PAR EFFET DE MECHE

(71) USF FILTRATION AND SEPARATIONS GROUP, INC. [US/US]; 2118 Greenspring Drive, Timonium, MD 21093 (US).

(72) HODGES, Alastair, McIndoe; 11752 Westview Parkway, Apartment 6, San Diego, CA 92126 (US).

(74) ALTMAN, Daniel, E.; KNOBBE, MARTENS, OLSON & BEAR, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G01N 1/10, B01L 3/02, 11/00

(11) WO 01/73396 (13) A1

(21) PCT/US01/09527

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 60/192,786 28 Mar/mar 2000 US (28.03.2000)

(30) 60/227,611 23 Aug/août 2000 US (23.08.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHODS OF REDUCING FLUID CARRYOVER IN MICROFLUIDIC DEVICES
- PROCEDES PERMETTANT DE REDUIRE UN REPORT FLUIDIQUE DANS DES DISPOSITIFS MICROFLUIDIQUES
- (71) **CALIPER TECHNOLOGIES, CORP.** [US/US]; 605 Fairchild Drive, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOLK, Jeffery, A.** [US/US]; 605 Spindrift Way, Half Moon Bay, CA 94019 (US). **PARCE, J., Wallace** [US/US]; 754 Los Robles Avenue, Palo Alto, CA 94306 (US). **NAGLE, Robert** [US/US]; 1035 Barbara Avenue, Mountain View, CA 94040 (US). **KENNEDY, Colin, B.** [US/US]; 111 Greenbrae Boardwalk, Greenbrae, California 94904-2442 (US). **HUSAIN, Syed** [US/US]; 30 Montclair Drive, Fremont, CA 94539 (US). **BHATT, Advit** [US/US]; 32861 Regents Blvd., Union City, CA 94584 (US). **UNNO, Garrett** [US/US]; 3460 Rosedale Drive, San Jose, CA 95117 (US).
- (74) **QUINE, Jonathan, Alan**; The Law Offices of Jonathan Alan Quine, P.O. Box 458, Alameda, CA 94501 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 1/28, 1/04, G02B 21/26**
- (11) **WO 01/73397** (13) A1
- (21) PCT/EP00/09073
- (22) **15 Sep/sep 2000 (15.09.2000)**
- (25) de (26) de
- (30) 100 15 157.4 **27 Mar/mar 2000 DE (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COLLECTING DEVICE FOR COLLECTING OBJECTS THAT ARE DISSOLVED OUT OF A MASS, ESPECIALLY BY MEANS OF LASER RADIATION
- DISPOSITIF COLLECTEUR DESTINE A RECUEILLIR DES OBJETS DISSOUS DANS UN PRODUIT, EN PARTICULIER PAR RAYONNEMENT LASER
- (71) **P.A.L.M. MICROLASER TECHNOLOGIES AG** [DE/DE]; Am Neuland 12, 82347 Bernried (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHÜTZE, Karin** [DE/DE]; Lange Strasse 8a, 82327 Tutzing (DE). **SCHÜTZE, Raimund** [DE/DE]; Lange Strasse 8a, 82327 Tutzing (DE).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N 1/44, 1/31**
- (11) **WO 01/73399** (13) A2
- (21) PCT/US01/09485
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/191,988 **24 Mar/mar 2000 US (24.03.2000)**
- (30) Not furnished / **22 Mar/mar 2001 US non communiqué (22.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEVICE AND METHODS FOR AUTOMATED SPECIMEN PROCESSING
- DISPOSITIF ET PROCEDES SERVANT AU TRAITEMENT D'ECHANTILLONS AUTOMATISE
- (71) **BIOGENEX LABORATORIES, INC.** [US/US]; 4600 Norris Canyon Road, San Ramon, CA 94583 (US).
- (74) **THOEMING, Charles, L.** et al. / etc.; Bielen, Lampe & Thoeming, P.A., Suite 720, 1990 North California Boulevard, Walnut Creek, CA 94596 (US).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N 11/08, E21B 47/06**
- (11) **WO 01/73400** (13) A1
- (21) PCT/US01/40373
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 09/536,840 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR DETERMINING FLUID VISCOSITY
- PROCEDE ET APPAREIL PERMETTANT DE DETERMINER LA VISCOSITE D'UN FLUIDE
- (71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; Building 01, 6th Floor, 4100 Clinton Drive, Houston, TX 77020 (US).
- (72) **PROETT, Mark, A.**; 6237 Doliver Drive, Houston, TX 77057 (US). **PELLETIER, Michael, T.**; 6700 Post West Drive, Houston, TX 77057 (US). **HAN, Wei**; 11015 Colebrook Drive, Houston, TX 77072 (US). **STORM, Bruce, H., Jr.**; 15014 Long Oak Drive, Houston, TX 77070 (US). **SCHULTZ, Roger, L.**; 23419 Lutheran Cemetery Road, Carrollton, TX 75006 (US).
- (74) **GILBRETH, J., M. (Mark)**; Gilbreth & Associates, P.C., P.O. Box 61305, Houston, TX 77208-1305 (US).
- (81) CA NO.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **G01N 15/12**
- (11) **WO 01/73401** (13) A2
- (21) PCT/CA01/00389
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 2,302,121 **27 Mar/mar 2000 CA (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MOLTEN METAL INCLUSION SENSOR PROBES
- SONDAS DE DETECCION D'INCLUSIONS DANS UN METAL EN FUSION
- (71) **LIMCA RESEARCH INC.** [CA/CA]; 328 Roslyn Avenue, Montreal, Quebec H3Z 2L6 (CA).
- (72) **LI, Mei**; 21514 Audrey Street, Dearborn, MI 48124 (US). **GUTHRIE, Roderick, R., L.**; 328 Roslyn Avenue, Montreal, Quebec H3Z 2L6 (CA).
- (74) **ROGERS, Stanley, J.**; 2-1507 Upper Middle Road, Burlington, Ontario L7P 4M5 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Declaration / Déclaration :
(s) for all designations / pour toutes les désignations

- (51)⁷ **G01N 21/00**
(11) **WO 01/73402** (13) A1
(21) PCT/US01/04188
(22) **9 Feb/fév 2001 (09.02.2001)**
(25) en (26) en
(30) 09/539,174 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • MEASURING INCLUSION DEPTH
• MESURE DE LA PROFONDEUR D'UNE INCLUSION
(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SALA, Martin, A.** [US/US]; 8579 Main Street, Campbell, NY 14821 (US). **STEVENS, Harrie, J.** [US/US]; 1512 Martin Hill Road, Corning, NY 14830 (US). **WILCOX, David, I.** [US/US]; 619 Ritz Road, Mansfield, PA 16933 (US).
(74) **NWANERI, Angela, N.**; Corning Incorporated, SP TI 3 I, Corning, NY 14831 (US).
(81) JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ **G01N 21/00**
(11) **WO 01/73403** (13) A1
(21) PCT/US01/09738
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 09/539,174 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • MEASURING INCLUSION DEPTH
• MESURE DE LA PROFONDEUR D'UNE INCLUSION
(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(72) **SALA, Martin, A.**; 8579 Main Street, Campbell, NY 14821 (US). **STEVENS, Harrie, J.**; 1512 Martin Hill Road, Corning, NY 14830 (US). **WILCOX, David, I.**; 619 Ritz Road, Mansfield, PA 16933 (US).
(74) **NWANERI, Angela, N.**; Corning Incorporated, SP TI 3 I, Corning, NY 14831 (US).
(81) JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ **G01N 21/47, 21/41**
(11) **WO 01/73404** (13) A1
(21) PCT/EP01/03386
(22) **24 Mar/mar 2001 (24.03.2001)**
(25) de (26) de

- (30) 100 14 816.6 **27 Mar/mar 2000 DE (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR DETERMINING AN INDEX OF REFRACTION
• PROCEDE DE DETERMINATION DE L'INDICE DE REFRACTION
(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) **KOOPS, Hans, W., P.** [DE/DE]; Ernst-Ludwig-Strasse 16, 64372 Ober-Ramstadt (DE). **LEMINGER, Ottokar** [DE/DE]; Gagernstrasse 6, 64283 Darmstadt (DE). **KAYA, Alexander** [DE/DE]; Industriestrasse 3 A, 64380 Rossdorf (DE).

- (74) **DEUTSCHE TELEKOM AG**; Rechtsabteilung (Patente) PA1, 64307 Darmstadt (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).

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- (51)⁷ **G01N 21/55, 21/75**
(11) **WO 01/73405** (13) A1
(21) PCT/US01/08848
(22) **20 Mar/mar 2001 (20.03.2001)**
(25) en (26) en
(30) 09/534,761 **24 Mar/mar 2000 US (24.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) • SYMMETRIC OPTICAL ANALYSIS DEVICE
• DISPOSITIF SYMETRIQUE D'ANALYSES OPTIQUE
(71) **UMM ELECTRONICS, INC.** [US/US]; 6911 Hillsdale Court, Indianapolis, IN 46250 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HUTCHISON, James, S.** [US/US]; 51 N. Ritter Avenue, Indianapolis, IN 46219 (US). **RIEDEL, Richard, A.** [US/US]; 10012 Holiday Drive, Carmel, IN 46032 (US).

- (74) **BRANNON, C., John et al. / etc.**; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **G01N 21/64, A61B 5/00**
(11) **WO 01/73406** (13) A1
(21) PCT/EP01/03302
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) de (26) de
(30) 100 15 480.8 **29 Mar/mar 2000 DE (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • DEVICE FOR CARRYING OUT OPTICAL IN VIVO MEASUREMENTS ON THE SURFACE OF LIVING BEINGS
• PROCEDE PERMETTANT D'EFFEC-TUER DES MESURES OPTIQUES IN VIVO SUR LA SURFACE D'ETRES VIVANTS
(71) **M.U.T GMBH** [DE/DE]; Am Marienhof 2, 22880 Wedel (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **PFEUTI, Thomas** [DE/DE]; Wedeler Landstrasse 63, 22559 Hamburg (DE). **BERMEIER, Ingo** [DE/DE]; Sandloch 37, 22880 Wedel (DE). **HEERING, Wolfgang** [DE/DE]; Lichttechnisches Institut der, Universität Karlsruhe, Kaiserstrasse 12, 76128 Karlsruhe (DE).

- (74) **GLAESER, Joachim**; Diehl, Glaeser, Hiltl & Partner, Königstrasse 28, 22767 Hamburg (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 **G01N 21/80**
(11) **WO 01/73407** (13) A2
(21) PCT/US01/09621
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/193,013 **29 Mar/mar 2000 US (29.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR THE DETERMINATION OF AN ACID OR A BASE IN A NON-AQUEOUS LIQUID
• PROCEDE SERVANT A DETERMINER UN ACIDE OU UNE BASE DANS UN LIQUIDE NON AQUEUX

- (71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).
(72) **DASGUPTA, Purnendu, K.**; 3514 25th Street, Lubbock, TX 79410-2020 (US). **HOHNHOLT, Sofia, Galanis**; PMB 175, 258 Harvard Street, Brookline, MA 02446-2904 (US). **PLEPYS, Raymond, A.**; 105 Dewberry Drive, Lake Jackson, TX 77566 (US). **PHAM, Phan, V.**; 157 Bastrop Street, Angleton, TX 77515 (US).

- (74) **HALLDORSON, Burke, M.**; The Dow Chemical Company, Intellectual Property, P.O. Box 1967, Midland, MI 48641-1967 (US).
(81) CA ES JP.

- (51)⁷ **G01N 21/88**
(11) **WO 01/73408** (13) A1
(21) PCT/US01/04160
(22) **9 Feb/fév 2001 (09.02.2001)**
(25) en (26) en
(30) 09/538,114 **29 Mar/mar 2000** US
(29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • INCLUSION DETECTION
• DETECTION D'INCLUSIONS
(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **YU, Chunzhe, C.** [US/US]; 12 Pond Crest, Painted Post, NY 14870 (US).
(74) **NWANERI, Angela, N.;** Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).
(81) JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N 21/88**
(11) **WO 01/73409** (13) A1
(21) PCT/US01/04182
(22) **9 Feb/fév 2001 (09.02.2001)**
(25) en (26) en
(30) 09/538,717 **29 Mar/mar 2000** US
(29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • INCLUSION DETECTION
• DETECTION D'INCLUSIONS
(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **YU, Chunzhe, C.** [US/US]; 12 Pond Crest, Painted Post, NY 14870 (US).
(74) **NWANERI, Angela, N.;** Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).
(81) JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N 21/88**
(11) **WO 01/73410** (13) A1
(21) PCT/US01/04187
(22) **9 Feb/fév 2001 (09.02.2001)**
(25) en (26) en
(30) 09/538,355 **29 Mar/mar 2000** US
(29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • DETECTING INCLUSIONS IN TRANSPARENT SHEETS
• DETECTION D'INCLUSIONS DANS DES FEUILLES TRANSPARENTES
(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **STEVENS, Harrie, J.** [US/US]; 1512 Martin Hill Road, Corning, NY 14830 (US).
YU, Chunzhe, C. [US/US]; 12 Pond Crest, Painted Post, NY 14870 (US).
-
- (74) **NWANERI, Angela, N.;** Corning Incorporated, SP TI 3 1, Corning, NY 14831 (US).
(81) JP KR US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N 21/94, G01M 11/00**
(11) **WO 01/73411** (13) A1
(21) PCT/JP01/02641
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) ja (26) ja
(30) 2000-92491 **29 Mar/mar 2000** JP
(29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • THROUGH HOLE INSPECTING METHOD AND DEVICE
• PROCEDE ET DISPOSITIF D'INSPECTION DE TROUS DE PASSAGE
(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).
(72) **SAITO, Mikio;** c/o TOHOKU EPSON CORPORATION, 166-3, Jurizuka, Sakata-shi, Yamagata 998-0194 (JP). **GOTO, Noboru;** c/o TOHOKU EPSON CORPORATION, 166-3, Jurizuka, Sakata-shi, Yamagata 998-0194 (JP). **ISHIKAWA, Toshiaki;** c/o TOHOKU EPSON CORPORATION, 166-3, Jurizuka, Sakata-shi, Yamagata 998-0194 (JP).
(74) **KAMIYANAGI, Masataka** et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
(81) CN JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01N 21/954**
(11) **WO 01/73412** (13) A1
(21) PCT/EP01/03590
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) de (26) de
(30) 100 16 004.2 **31 Mar/mar 2000** DE
(31.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD AND SYSTEM FOR THE VISUAL INSPECTION AND ASSESSMENT OF ENDLESS WELD SEAMS IN PIPE CONDUITS
• PROCEDE ET SYSTEME DE CONTROLE ET D'EVALUATION VISUELS DE SOUDURES CIRCULAIRES DANS DES CANALISATIONS
(71, 72) **KALBERG, Friedel, Paul** [DE/DE]; Dorfstrasse 21, 22885 Barsbüttel (DE).
(81) AE BR CA ID MA MX NO UA US.
(84) 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).
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- Published / Publiée : (c)
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- (51)⁷ **G01N 21/956**
(11) **WO 01/73413** (13) A1
(21) PCT/US01/06111
(22) **26 Feb/fév 2001 (26.02.2001)**
-
- (25) en (26) en
(30) 09/538,027 **28 Mar/mar 2000** US
(28.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHODS FOR THE AUTOMATED TESTING OF RETICLE FEATURE GEOMETRIES
• PROCEDES D'ESSAI AUTOMATISE DE CARACTERISTIQUES GEOMETRIQUES D'UN RETICULE
(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(71) **PHILIPS SEMICONDUCTORS, INC.** [US/US]; 1000 West Maude Avenue, Sunnyvale, CA 94088 (US).
(only for / seulement pour MC)
(72) **SUBRAMANYA, Sudhir, G.;** 2000 Walnut Ave., K-104, Fremont, CA 94538 (US). **TAKEMOTO, Clifford;** 3752 Rhoda Drive, San Jose, CA 95117 (US). **SETHI, Satyendra, S.;** 5179 Muir Wood Drive, Pleasanton, CA 94588 (US).
(74) **PENILLA, Albert, S.;** Martine Penilla & Kim, LLP, 710 Lakeway Drive, Suite 170, Sunnyvale, CA 94085 (US).
(81) CN DE GB JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
Published / Publiée : (c)
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- (51)⁷ **G01N 22/00**
(11) **WO 01/73414** (13) A2
(21) PCT/GB01/01242
(22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 0007286.8 **24 Mar/mar 2000** GB
(24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • MEMBRANE MOISTURE MEASUREMENT
• MESURE D'HUMIDITE DANS UNE MEMBRANE
(71) **INNOGY TECHNOLOGY VENTURES LIMITED** [GB/GB]; Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire SN5 6PB (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MORRISSEY, Patrick, John** [IE/GB]; 70 Newtown Road, New Denham, Uxbridge UB9 4BD (GB).
(74) **ALLARD, Susan, Joyce;** Boulton Wade Tenant, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.
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 G01N 23/00

(11) WO 01/73415 (13) A2

(21) PCT/US01/09784

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,425 28 Mar/mar 2000 US
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DETECTION OF FISSILE MATERIAL
• DETECTION DE MATIERE FISSILE

(71) AMERICAN SCIENCE AND ENGINEERING, INC. [US/US]; 829 Middlesex Turnpike, Billerica, MA 01821 (US).

(72) GRODZINS, Lee; 14 Stratham Road, Lexington, MA 02173 (US).

(74) PETUCHOWSKI, Samuel, J. et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110 (US).

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 25/72

(11) WO 01/73416 (13) A1

(21) PCT/GB01/01373

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 0007479.9 29 Mar/mar 2000 GB
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MONITORING OF RESISTANCE WELDING
• SURVEILLANCE DU SOUDAGE PAR RESISTANCE

(71) FORD GLOBAL TECHNOLOGIES, INC. [US/US]; Suite 600, Parklane Towers East, One Parklane Boulevard, Dearborn, MI 48126 (US). UNIVERSITY OF EAST LONDON [GB/GB]; Longbridge Road, Dagenham, Essex RM8 2AS (GB).

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(72, 75) WEERASINGHE, Vijitha, Maithri [GB/GB]; 4 Kinlet Road, London SE18 3BY (GB). HAMEED, Sharif, Abdul [GB/GB]; 72 Ramsgill Road, Newbury Park, Essex (GB).

(74) MESSULAM, Alec, Moses; 43-45 High Road, Bushey Heath, Bushey, Hertfordshire WD23 1EE (GB).

(81) CA DE GB MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 27/26

(11) WO 01/73417 (13) A1

(21) PCT/US01/09074

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(30) 09/536,274 27 Mar/mar 2000 US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ULTRA HIGH THROUGHPUT MICROFLUIDIC ANALYTICAL SYSTEMS AND METHODS

• PROCEDES ET SYSTEMES D'ANALYSES MICROFLUIDIQUES A TRES HAUT RENDEMENT

(71) CALIPER TECHNOLOGIES CORP. [US/US]; 605 Fairchild Drive, Mountain View, CA 94043-2234 (US).

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(72, 75) KOPF-SILL, Anne, R. [US/US]; 30 Minoca Road, Portola Valley, CA 94028 (US). CHOW, Andrea, W. [US/US]; 670 Cuesta Drive, Los Altos, CA 94024 (US). JANN, Peter, C. [US/US]; 2360 Warburton Avenue, Santa Clara, CA 95050 (US). JENSEN, Morten, J. [DK/US]; 1424 Polk Street, No. 52, San Francisco, CA 94109 (US). SPAID, Michael [US/US]; 693 Arbutus Avenue, Sunnyvale, CA 94086 (US). KENNEDY, Colin, B. [US/US]; 413 Ash Street, Mill Valley, CA 94941 (US). KENNEDY, Michael [US/US]; 26 Bayview Avenue, Los Gatos, CA 95030 (US).

(74) GRAY, Gerald, T. et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th Floor, San Francisco, CA 94111-3834 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G01N 27/26

(11) WO 01/73418 (13) A2

(21) PCT/US01/09961

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,769 28 Mar/mar 2000 US
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HIGH TEMPERATURE POISON RESISTANT SENSOR
• CAPTEUR RESISTANT A UN POISON A HAUTE TEMPERATURE

(71) DELPHI TECHNOLOGIES, INC. [US/US]; Legal Staff - Mail Code 480-414-420, 1450 West Long Lake, Troy, MI 48007-5052 (US).

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(72, 75) WU, Ming-Cheng [CN/US]; 282 Slade Court, Rochester Hills, MI 48307 (US). CLYDE, Eric, P. [US/US]; 605 Nebobish Avenue, Bay City, MI 48708 (US).

(74) CICHOSZ, Vincent, A.; Delphi Technologies, Inc., Legal Staff MC 480-414-420, P.O.

Box 5052, Troy, MI 48007-5052 (US) et al. / etc.

(81) US.

Declarations / Déclarations :

(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ G01N 27/327, C12Q 1/00

(11) WO 01/73419 (13) A1

(21) PCT/JP01/02558

(22) 28 Mar/mar 2001 (28.03.2001)

(25) ja (26) ja

(30) 2000-90362 29 Mar/mar 2000 JP
(29.03.2000)

(30) 2000-342537 9 Nov/nov 2000 JP
(09.11.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BIOSENSOR
• BIOCAPTEUR

(71) MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu 571-8501 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) MIYAZAKI, Shoji [JP/JP]; 1052, Minamisaya cho, Matsuyama-shi, Ehime 791-8032 (JP). TOKUNAGA, Hiroyuki [JP/JP]; 2-39, Hatadera 1-chome, Matsuyama-shi, Ehime 790-0913 (JP). FUJIWARA, Masaki [JP/JP]; 1112-1, Kumekubotamachi, Matsuyama-shi, Ehime 791-1101 (JP). NAKAMINAMI, Takahiro [JP/JP]; 325, Sashimonocho, Nakagyo-ku, Kyoto-shi, Kyoto 604-0903 (JP). NAKAYAMA, Junko [JP/JP]; 298-1, Ko, Oaza Kamimura, Shigenobucho, Onsen-gun, Ehime 791-0221 (JP). YAMANISHI, Eriko [JP/JP]; 3203-5, Tanaka, Kitagata, Kawauchicho, Onsen-gun, Ehime 791-0303 (JP).

(74) HAYASE, Kenichi; Hayase & Co., 8F, Esaka ANA Building, 17-1, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 27/327, C12Q 1/00

(11) WO 01/73420 (13) A1

(21) PCT/JP01/02733

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-93178 30 Mar/mar 2000 JP
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BIOSENSOR MEASURING DEVICE
• DISPOSITIF DE MESURE A BIOCAPTEURS

(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) TOKUNO, Yoshinobu [JP/JP]; 1191-36, Takoda, Tobe-cho, Iyo-gun, Ehime 791-2103 (JP).

(74) **HAYASE, Kenichi**; Hayase & Co., 8F, Esaka ANA Bldg., 17-1, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G01N 27/414**

(11) **WO 01/73421** (13) A1

(21) PCT/JP01/02394

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-85947 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FIELD-EFFECT TRANSISTOR

• TRANSISTOR A EFFET DE CHAMP

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Hon-cho 4-chome, Kawaguchi-shi, Saitama 332-0012 (JP).

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(72, 75) **KAWARADA, Hiroshi** [JP/JP]; 9-8-405, Nakagawa 2-chome, Tsuzuki-ku, Yokohama-shi, Kanagawa 224-0001 (JP).

(74) **SHIMIZU, Mamoru**; Ohzono Building, 7-10, Kanda-mitoshiro-cho, Chiyoda-ku, Tokyo 101-0053 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G01N 27/60, G08B 13/24**

(11) **WO 01/73422** (13) A1

(21) PCT/US01/09834

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/537,391 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SELECTIVE POLARIZATION MATCHING FILTER FOR TRIGGERING AND MAXIMIZING RAPID DIELECTROKINESIS RESPONSE

• FILTRE D'ADAPTATION DE POLARISATION SELECTIVE SERVANT A DECLENCHER ET A OPTIMISER UNE REPOSE DIELECTROCINETIQUE RAPIDE

(71) **DKL INTERNATIONAL, INC.** [US/US]; 1209 Orange Street, Wilmington, DE 19801 (US).

(72) **AFILANI, Thomas, L.**; R.D.5, Box 171, Jersey shore, PA 17740 (US).

(74) **KAGEN, Alan, M.**; Nixon & Vanderhye P.C., 1100 North Glebe Road, Suite 800, Arlington, VA 22201-4714 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G01N 27/72, G01R 33/12, G01V 3/00, G08B 11/08, 13/14, G08C 19/00, H04Q 7/00, E21B 47/00, 47/09, G01S 13/74, G06F 17/60, H04K 1/00**

(11) **WO 01/73423** (13) A1

(21) PCT/US01/09336

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/536,953 **28 Mar/mar 2000 US (28.03.2000)**

(30) 09/812,141 **19 Mar/mar 2001 US (19.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS AND METHOD FOR DOWNHOLE WELL EQUIPMENT AND PROCESS MANAGEMENT, IDENTIFICATION, AND ACTUATION

• APPAREIL ET PROCEDE POUR EQUIPEMENT DE FOND DE Puits ET GESTION DE PROCESSUS, IDENTIFICATION ET ACTIONNEMENT

(71) **SCHLUMBERGER TECHNOLOGY CORPORATION** [US/US]; 300 Schlumberger, Sugar Land, TX 77478 (US).

(72) **THOMEER, Hubertus, V.**; 1232 Mickey Way, Houston, TX 77055 (US). **ADNAN, Sarmad**; 2814 River Birch Drive, Sugar Land, TX 77479 (US). **SHEFFIELD, Randolph, J.**; 4422 Lakeshore Forest Drive, Missouri City, TX 77459 (US). **KENISON, Michael, H.**; 3514 Velasco Court, Missouri City, TX 77459 (US). **FORBES, Kevin, J.**; 13703 Eagan Mill Drive, Houston, TX 77077 (US).

(74) **CURINGTON, Tim**; Schlumberger Technology Corporation, Schlumberger Reservoir Completions, P.O. Box 1590, Rosharon, TX 77583-1590 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G01N 30/62, 33/24**

(11) **WO 01/73424** (13) A1

(21) PCT/US01/40372

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/536,843 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR THE DOWN-HOLE CHARACTERIZATION OF FORMATION FLUIDS

• PROCEDE ET DISPOSITIF DE CARACTERISATION DE FOND DE TROU DE FLUIDES DE FORMATION

(71) **HALLIBURTON ENERGY SERVICES, INC.** [US/US]; 4100 Clinton Drive, Building 01, 6th Floor, Houston, TX 77020 (US).

(72) **STORM, Bruce, H., Jr.**; 15014 Long Oak Drive, Houston, TX 77070 (US). **RICHARDSON, J., Mark**; - (US).

(74) **GILBRETH, J., M. (Mark)**; Gilbreth & Associates, P.C., P.O. Box 61305, Houston, TX 77208-1305 (US).

(81) AU BR CA NO.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G01N 33/00**

(11) **WO 01/73425** (13) A2

(21) PCT/US01/08923

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/534,464 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LITHIUM ION-SELECTIVE ELECTRODE FOR CLINICAL APPLICATIONS

• ELECTRODE A SELECTIVITE D'IONS LITHIUM POUR APPLICATIONS CLINIQUES

(71) **BECKMAN COULTER, INC.** [US/US]; 4300 N. Harbor Blvd., P.O. Box 3100, Fullerton, CA 92834-3100 (US).

(72) **MU, Xihai**; 6312 Viola Terrace, Chino Hills, CA 91709 (US). **JAIN, Chandra**; 2044 Santa Anita Ave., Placentia, CA 92870 (US).

(74) **MAY, William, H.** et al. / etc.; Beckman Coulter, Inc., 4300 N. Harbor Blvd., P.O. Box 3100, Fullerton, CA 92834-3100 (US).

(81) AU CA CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G01N 33/48**

(11) **WO 01/73426** (13) A2

(21) PCT/IL01/00235

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

(30) 135275 **27 Mar/mar 2000 IL (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BLOOD TRANSFUSION METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE TRANSFUSION SANGUINE

(71, 72) **SHAPIRA, Hagit** [IL/IL]; Mashabim St. 20, 45201 Hod Hasharon (IL). **LEV, Ron** [IL/IL]; Givat Ha'Levona 45, 71908 Reut (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G01N 33/48, 33/50, G06F 17/00, 9/455, A61B 5/00

(11) WO 01/73427 (13) A1

(21) PCT/US01/10080

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/192,818 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MODEL TRANSITION SENSITIVITY ANALYSIS SYSTEM AND METHOD

• SYSTEME ET PROCEDE TYPE D'ANALYSE DE SENSIBILITE EN TRANSITION

(71) BIOMEDWARE, INC. [US/US]; 516 North State Street, Ann Arbor, MI 48104-1236 (US).

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(72, 75) JACQUEZ, Geoffrey, M. [US/US]; 1707 Broadway, Ann Arbor, MI 48105 (US).

KOOPMAN, James, S. [US/US]; 2266 Georgetown Boulevard, Ann Arbor, MI 48105 (US). CHICK, Stephen, E. [US/US]; 1055 William Street, Plymouth, MI 48170 (US).

(74) SADOWSKI, Jeffrey, A. et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 39400 Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) CA JP MX US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ G01N 33/48, 33/50, C12Q 1/68

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(21) PCT/US01/07824

(22) 13 Mar/mar 2001 (13.03.2001)

(25) en (26) en

(30) 60/192,391 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND SYSTEM FOR CLUSTERING DATA

• PROCEDE ET DISPOSITIF POUR LE GROUPEMENT DE DONNEES

(71) RAMOT UNIVERSITY AUTHORITY FOR APPLIED RESEARCH & INDUSTRIAL DEVELOPMENT LTD. [IL/IL]; P.O. Box 39296, 61292 Tel Aviv (IL).

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(71) FRIEDMAN, Mark, M. [US/IL]; Alharizi St. 1, Raanana (IL).

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(72, 75) SHAMIR, Ron [IL/IL]; Paldi St. 1/33, 76248 Rehovot (IL). SHARAN, Roded [IL/IL]; Shoham St. 25, 71980 Reuot (IL).

(74) FRIEDMAN, Mark, M.; c/o Castorina, Anthony, 2001 Jefferson Davis Highway, Suite 207, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(25) en (26) en

(30) 60/192,211 27 Mar/mar 2000 US (27.03.2000)

(30) 09/805,549 13 Mar/mar 2001 US (13.03.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITIONS AND METHOD FOR DETECTING REDOX-ACTIVE MOLECULES IN SOLUTION

• COMPOSITION ET TECHNIQUE DE DETECTION DANS UNE SOLUTION DE MOLECULES A ACTIVITE REDOX

(71) CLEMSON UNIVERSITY [US/US]; 300 Brackett Hall, Clemson, SC 29634-5701 (US).

(72) CREAGER, Stephen, E.; 122 Bancroft Court, Central, SC 29630 (US).

(74) VICK, John, E., Jr.; Dority & Manning, PA, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G01N 33/50

(11) WO 01/73430 (13) A2

(21) PCT/US01/09202

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(30) 60/192,100 24 Mar/mar 2000 US (24.03.2000)

(30) 60/197,064 13 Apr/avr 2000 US (13.04.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPOSITIONS AND METHODS FOR THE IDENTIFICATION, ASSESSMENT, PREVENTION, AND THERAPY OF HUMAN CANCERS

• COMPOSITIONS ET PROCEDES D'IDENTIFICATION, EVALUATION, PREVENTION, ET TRAITEMENT DE CANCERS HUMAINS

(71) MILLENNIUM PREDICTIVE MEDICINE, INC. [US/US]; One Kendall Square Building 700, Cambridge, MA 02139 (US).

(72) LILLIE, James; 3 WildMeadow Lane, Natick, MA 01760 (US). BROWN, Jeffrey, L.; 8 Chatham Street, Arlington, MA 02472 (US). BOLT, Andrew; 10 Wendell Street, #4, Cambridge, MA 02138 (US). VAN HUFFEL, Christophe; 13, rue Albert de Bast, B-1083 Brussels (BE).

(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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G01N 33/52

(11) WO 01/73431 (13) A2

(21) PCT/US01/07311

(22) 6 Mar/mar 2001 (06.03.2001)

(25) en (26) en

(30) 09/535,522 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BIOMEDICAL ASSAY DEVICE

• DISPOSITIF DE DOSAGE BIOMEDICAL

(71) DELSYS PHARMACEUTICAL CORPORATION [US/US]; 11 Deer Park Drive, Suite 202, Monmouth Junction, NJ 08852 (US).

(72) LOEWY, Zvi; 4-50 Lyncrest Avenue, Fair Lawn, NJ 07410 (US). MATTHIES, Dennis, Lee; 387 Nassau Street, Princeton, NJ 08540 (US).

(74) SQUIRE, William et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE

- SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).
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- (51)⁷ **G01N 33/53**
(11) **WO 01/73432** (13) A2
(21) PCT/DE01/01078
(22) **17 Mar/mar 2001 (17.03.2001)**
(25) de (26) de
(30) 100 15 448.4 **29 Mar/mar 2000 DE**
(29.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHOD FOR DETECTING AND/OR
QUANTIFYING FIRST MOLECULES
● PROCEDE DE DETECTION ET/OU DE
QUANTIFICATION DE PREMIERES
MOLECULES
(71) **NOVEMBER AKTIENGE-
SELLSCHAFT GESELLSCHAFT FÜR
MOLEKULARE MEDIZIN** [DE/DE];
Ulrich-Schalk-Strasse 3a, 91056 Erlangen
(DE).
(for all designated States except / pour tous
les États désignés sauf US)
(72, 75) **KOSAK, Hans** [DE/DE]; Von-Wit-
zleben-Strasse 23, 53123 Bonn (DE).
KRAUSE, Jürgen [DE/DE]; Mozartstrasse
71, 91052 Erlangen (DE).
(74) **GASSNER, Wolfgang**; 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).
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- (51)⁷ **G01N 33/53**
(11) **WO 01/73433** (13) A2
(21) PCT/GB01/01274
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 0007217.3 **24 Mar/mar 2000 GB**
(24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● MATERIALS AND METHODS RE-
LATING TO THE TREATMENT OF
LEUKAEMIAS
● SUBSTANCES ET METHODES RE-
LATIVES AU TRAITEMENT DE LEUCE-
MIES
(71) **CANCER RESEARCH VENTURES
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les États désignés sauf US)
(72, 75) **MINUCCI, Saverio** [IT/IT]; European
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lan (IT). **PELICCI, Pier, Giuseppe** [IT/IT];
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I-20141 Milan (IT).
(74) **CRIPPS, Joanna, E.** et al. / etc.; Mew-
burn Ellis, York House, 23 Kingsway, Lon-
don, Greater London WC2B 6HP (GB).
(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).
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- (51)⁷ **G01N 33/53**
(11) **WO 01/73434** (13) A2
(21) PCT/US01/09502
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,036 **24 Mar/mar 2000 US**
(24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● IDENTIFICATION OF NUCLEAR RE-
CEPTOR-DEPENDENT COREGULA-
TOR RECRUITMENT
● IDENTIFICATION DU RECRUTE-
MENT DE CO-REGULATEURS DE-
PENDANT DE RECEPTEURS NU-
CLEAIRES
(71) **ALLERGAN SALES, INC.** [US/US]; 2525
Dupon Drive, Irvine, CA 92612 (US).
(72) **KLEIN, Elliott, S.**; 212 Avalon Lake Road,
Danbury, CT 06810 (US). **WANG, Weizhen**;
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CHANDRARATNA, Roshantha, A.; 25241
Buckskin, Laguna Hills, CA 92653 (US).
(74) **FISHER, Carlos, A.** et al. / etc.; c/o Allergan
Sales, 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 CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).
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- (51)⁷ **G01N 33/53, C07K 1/00**
(11) **WO 01/73436** (13) A1
(21) PCT/US01/09826
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 09/536,774 **28 Mar/mar 2000 US**
(28.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● SOLUTION AND CRYSTAL STRUC-
TURES OF ZipA AND ZIP A COMPLEX
AND USES THEREOF
● SOLUTION ET STRUCTURES CRIS-
TALLINES DE ZIPA ET DE COMPLEXE
DE ZIPA AINSI QUE LEURS UTILISA-
TIONS
(71) **AMERICAN HOME PRODUCTS COR-
PORATION** [US/US]; Five Giralda Farms,
Madison, NJ 07940-0874 (US).
(72) **GLASFELD, Elizabeth**; 667 Route D, Gar-
rison, NY 10965 (US). **MOY, Franklin, J.**;
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POWERS, Robert; 3 Magnolia Drive, West-
ford, MA 01886 (US). **MOSYAK, Lidia**;
191 Gerry Road, Brookline, MA 02460 (US).
SOMERS, William, S.; 20 Mead Street, #2,
Cambridge, MA 02140 (US).
(74) **ARNOLD, Craig, J.**; Amster, Rothstein &
Ebenstein, 90 Park Avenue, New York, NY
10016 (US).
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- (51)⁷ **G01N 33/53, A61K 49/00**
(11) **WO 01/73435** (13) A1
(21) PCT/US01/09577

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/543, 33/564, 33/58, 33/68, 33/574, B01L 3/00

(11) WO 01/73437 (13) A2

(21) PCT/US01/09344

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/192,472 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ANTIGEN-SPECIFIC IMMUNE COMPLEX-BASED ENZYME-LINKED IMMUNOSORBENT ASSAY

• ESSAI D'IMMUNOSORPTION RELIE A UN ENZYME A BASE DE COMPLEXE IMMUN DE SPECIFICITE ANTIGENIQUE

(71) DIAGEN CORPORATION [US/US]; 806 Fifth Avenue, Brackenridge, PA 15014 (US).

(72) RACIS, Stanley, Paul; 352 West Pinehurst Trail, North Sioux City, SD 57049 (US).

(74) ETHRIDGE, Christine, R. et al. / etc.; Kirkpatrick & Lockhart LLP, Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G01N 33/566, 33/53, C07D 471/02, 239/22, 473/24, 513/02

(11) WO 01/73438 (13) A1

(21) PCT/US01/09400

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 09/535,460 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RICIN INHIBITORS AND METHODS FOR USE THEREOF

• INHIBITEURS DE RICINE ET PROCÉDES D'UTILISATION DE CES INHIBITEURS

(71) RESEARCH DEVELOPMENT FOUNDATION [US/US]; 402 North Division Street, Carson City, NV 89703 (US).
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(74) WEILER, James, F.; 1 Riverway, Suite 1560, Houston, TX 77056 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ G01N 33/567

(11) WO 01/73439 (13) A1

(21) PCT/US01/09279

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 09/534,774 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DOCOSAHEXAENOIC ACID AS RETINOID X RECEPTOR AND USES THEREOF

• ACIDE DOCOSAHEXANOIQUE UTILISE COMME RECEPTEUR RETINOIDE X, ET UTILISATIONS CORRESPONDANTES

(71) THE LUDWIG INSTITUTE FOR CANCER RESEARCH [US/US]; 605 Third Avenue, New York, NY 10158 (US).

(72) PERLMANN, Thomas; The Ludwig Institute for Cancer Research, Stockholm Branch, Box 240, S-171 77 Stockholm (SE). MATA DE URQUIZA, Alexander; The Ludwig Institute for Cancer Research, Stockholm Branch, Box 240, S-171 77 Stockholm (SE). SJOBERG, Maria; Department of Cell and Molecular Biology, Karolinska Institute, S-1717 77 Stockholm (SE). SUYA, Liu; Department of Medical Biochemistry and Biophysics, Karolinska Institute, S-1717 77 Stockholm (SE). SJOVALL, Jan; Department of Medical Biochemistry and Biophysics, Karolinska Institute, S-1717 77 Stockholm (SE). GRIFFITHS, William; Department of Medical Biochemistry and Biophysics, Karolinska Institute, S-1717 77 Stockholm (SE). ZETTERSTROM, Rolf; The Ludwig Institute for Cancer Research, Stockholm Branch, Box 240, S-171 77 Stockholm (SE).

(74) SCHOFIELD, Mary, Anne; Fulbright & Jaworski, L.L.P., 801 Pennsylvania Avenue, NW, Washington, DC 20004-2615 (US).

(81) AU CA CN JP

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01N 33/569

(11) WO 01/73440 (13) A2

(21) PCT/DE01/01174

(22) 28 Mar/mar 2001 (28.03.2001)

(25) de (26) de

(30) 100 15 092.6 28 Mar/mar 2000 DE (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DETECTION OF DIARRHOEOGENIC E.COLI GERMS

• DETECTION DE GERMES E.COLI DIARRHOGENES

(71) SCHEBO BIOTECH AG [DE/DE]; Nentanyastrasse 3-5, 35394 Giessen (DE).
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(72, 75) CHAKRABORTY, Trinad [SG/DE]; Seltersweg 85, 35394 Giessen (DE). TEIGELKAMP, Stefan [DE/DE]; Müh-lackerstrasse 17, 35496 Weimar-Niederwalgern (DE). EBEL, Frank [DE/FR]; 128, rue la Marc, F-75018 Paris (FR). SCHEEFERS-BORCHEL, Ursula [DE/DE]; Krofdorfer Strasse 59, 35435 Wetttenberg (DE). SCHEEFERS, Hans [DE/DE]; Krofdorfer Strasse 59, 35435 Wetttenberg (DE).

(74) FUCHS, MEHLER, WEISS & FRITZSCHE; Naupliastrasse 110, 81545 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G01N 33/569

(11) WO 01/73441 (13) A1

(21) PCT/JP01/02470

(22) 27 Mar/mar 2001 (27.03.2001)

(25) ja (26) ja

(30) 2000-087443 27 Mar/mar 2000 JP (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • KIT FOR DETECTING FUNGAL INFECTION OF SPECIMENS IN ORAL CAVITY

• KIT DE DETECTION D'INFECTIONS FONGIQUES DE PRELEVEMENTS DANS LA CAVITE ORALE

(71) MOCHIDA PHARMACEUTICAL CO., LTD. [JP/JP]; 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP).

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(72, 75) YAMAUCHI, Tadakazu [JP/JP]; c/o MOCHIDA PHARMACEUTICAL CO.,

- LTD., 7, Yotsuya 1-chome, Shinjuku-ku, Tokyo 160-8515 (JP). **SHIRAKAWA, Kaemon** [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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁶ **G01N 33/58, 33/543, 33/569**
- (11) **WO 01/73443** (13) A2
- (21) PCT/US01/09576
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,712 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHODS AND COMPOSITIONS FOR THE SIMULTANEOUS DETECTION OF MULTIPLE ANALYTES
- PROCEDES ET COMPOSITIONS DE DETECTION SIMULTANEE DE PLUSIEURS ANALYTES
- (71) **THE GOVERNMENT OF THE UNITED STATE OF AMERICA**, as represented by **THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES** [US/US]; Centers for Disease Control and Prevention, 255 East Paces Ferry Road, N.E. Room 500, Atlanta, GA 30333 (US).
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- (72, 75) **MARTINEZ, Joseph, E.** [US/US]; 3196 Mt. Zion Road, Apt. 1002, Stockbridge, GA 30281 (US). **CARLONE, George, M.** [US/US]; 5243 Sandy Lane, Stone Mountain, GA 30087 (US).
- (74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Suite 1600, 120 South LaSalle Street, Chicago, IL 60603 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/573, C12Q 1/44, G01N 33/60, 33/552**
- (11) **WO 01/73442** (13) A1
- (21) PCT/GB01/01350
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 0007465.8 **29 Mar/mar 2000 GB (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● BIOTIN-PEG-SUBSTRATE FOR A LI-PASE ASSAY
- SUBSTRAT BIOTINE-PEG DESTINE A UN DOSAGE DE L'ENZYME LIPASE
- (71) **AMERSHAM PHARMACIA BIOTECH UK LIMITED** [GB/GB]; Amersham Place, Little Chalfont, Buckinghamshire HP7 9NA (GB).
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- (72, 75) **PRICE-JONES, Molly, Jean** [GB/GB]; Amersham Pharmacia Biotech UK Limited, Cardiff Laboratories, Forest Farm Estate, Whitchurch, Cardiff CF14 7YT (GB). **JAMES, David, Martin** [GB/GB]; Amersham Pharmacia Biotech UK Limited, Cardiff Laboratories, Forest Farm Estate, Whitchurch, Cardiff CF14 7YT (GB). **FOWLER, Anne** [GB/GB]; Amersham Pharmacia Biotech UK Limited, Cardiff Laboratories, Forest Farm Estate, Whitchurch, Cardiff CF14 7YT (GB). **POULSEN, Fritz** [DK/DK]; Novo Nordisk, Novo Alle, DK-2880 Bagsvaerd (DK). **TORNQUIST, Hans** [SE/DK]; Novo Nordisk, Novo Alle, DK-2880 Bagsvaerd (DK). **HAWES, Calvin, Richard** [GB/GB]; Amersham Pharmacia Biotech UK Limited, Cardiff Laboratories, Forest Farm Estate, Whitchurch, Cardiff CF14 7YT (GB).
- (74) **HAMMER, Catriona, MacLeod** et al. / etc.; Nycomed Amersham plc, Amersham Laboratories, White Lion Road, Amersham, Buckinghamshire HP7 9LL (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/68, C07K 14/00, G06F 19/00**
- (11) **WO 01/73444** (13) A2
- (21) PCT/GB01/01358
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,180 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● RECEPTOR/PEPTIDE CRYSTAL STRUCTURE FOR IDENTIFICATION OF INHIBITORS
- STRUCTURE CRISTALLINE D'UNE INTERACTION RECEPTEUR/PEPTIDE PERMETTANT D'IDENTIFIER DES INHIBITEURS
- (71) **CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED** [GB/GB]; The Old Schools, Cambridge, Cambridgeshire CB2 1TS (GB).
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- (72, 75) **FARNDALE, Richard, William** [GB/GB]; 21 Hawthorne Road, Stapleford, Cambridge, Cambridgeshire CB2 5DU (GB). **EMSLEY, Jonas** [GB/GB]; Flat 1, 169A London Road, Leicester, Leicestershire LE2 1EG (GB). **KNIGHT, Clive, Graham** [GB/GB]; 238 Queen Edith's Way, Cambridge, Cambridgeshire CB1 8NL (GB). **BARNES, Michael, John** [GB/GB]; 229 Chesterton Road, Cambridge, Cambridgeshire CB4 1AN (GB). **LIDDINGTON, Robert, Colin** [GB/US]; The Burnham Institute, 10901 North Torrey Pines Road, La Jolla, CA 92037 (US).
- (74) **WALTON, Sean, M.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G01N 33/86, C12Q 1/56**
- (11) **WO 01/73445** (13) A2
- (21) PCT/DE01/01207
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) de (26) de
- (30) 100 16 139.1 **27 Mar/mar 2000 DE (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD FOR ANALYZING SOLUBLE FIBRIN
- PROCEDE D'ANALYSE DE LA FIBRINE SOLUBLE
- (71, 72) **SCHLEUNING, Wolf-Dieter** [DE/DE]; Am Waldpark 28, 13467 Berlin (DE). **HANSEN, Roland** [DE/DE]; Albrechtstrasse 66, 12103 Berlin (DE). **PRAUS, Michael** [DE/DE]; Lütticher Strasse 7, 13353 Berlin (DE).
- (74) **KÖNIG, PALGEN, SCHUMACHER, KLUIN**; Lohengrinstrasse 11, 40549 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G01N 33/94, C12Q 1/46

(11) WO 01/73446 (13) A1

(21) PCT/GB01/01401

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 0007630.7 29 Mar/mar 2000 GB (29.03.2000)

(30) 0030660.5 15 Dec/déc 2000 GB (15.12.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ALPHA 7 NICOTINIC RECEPTOR SCREENING ASSAYS
• TESTS DE CRIBLAGE DU RECEPTEUR NICOTINIQUE ALPHA 7

(71) SYNAPTICA LIMITED [GB/GB]; 551 Harwell, Harwell International Business Centre, Didcot, Oxon OX11 0QJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71) GREENFIELD, Susan, Adele [GB/GB]; University Department of Pharmacology, Mansfield Road, Oxford OX1 0QT (GB).
(only for / seulement pour US)

(72, 75) WESTWELL, Martin [GB/GB]; Lincoln College, Oxford OX1 3DR (GB).

(74) IRVINE, Jonquil, Claire et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ G01P 3/44

(11) WO 01/73447 (13) A1

(21) PCT/FR01/00675

(22) 7 Mar/mar 2001 (07.03.2001)

(25) fr (26) fr

(30) 00/03803 24 Mar/mar 2000 FR (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INSTRUMENTED ANTIFRICTION BEARING PROVIDED WITH A SEALING DEVICE
• PALIER A ROULEMENT INSTRUMENTÉ MUNI D'UN DISPOSITIF D'ÉTANCHEITE

(71) SKF FRANCE [FR/FR]; 8, avenue Réaumur, F-92140 Clamart (FR).

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(72, 75) LANDRIEVE, Franck [FR/FR]; La Butte, F-37230 Fondettes (FR).

(74) BUREAU D.A. CASALONGA JOSSE; 8, avenue Percier, F-75008 Paris (FR).

(81) CA CZ IN JP NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G01P 3/46, G01B 7/30, G01D 5/242, H02P 6/18, 5/408

(11) WO 01/73448 (13) A1

(21) PCT/JP00/01851

(22) 27 Mar/mar 2000 (27.03.2000)

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SENSOR FOR SENSING ROTATING STATE OF SYNCHRONOUS MACHINE AND METHOD OF SENSING ROTATING STATE OF SYNCHRONOUS MACHINE
• CAPTEUR CONCU POUR DETECTER L'ETAT DE ROTATION D'UNE MACHINE SYNCHRONE ET PROCEDE DE DETECTION DE L'ETAT DE ROTATION D'UNE MACHINE SYNCHRONE

(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) KINPARA, Yoshihiko [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).
KAITANI, Toshiyuki [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(74) MIYATA, Kaneo et al. / etc.; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 (JP).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ G01P 15/02, 15/18

(11) WO 01/73449 (13) A1

(21) PCT/JP00/06848

(22) 2 Oct/oct 2000 (02.10.2000)

(25) ja (26) ja

(30) 2000-87310 27 Mar/mar 2000 JP (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • THREE-AXIS ACCELEROMETER USING MAGNETIC FLUID
• ACCELEROMETRE TRIAXIAL UTILISANT UN FLUIDE MAGNETIQUE

(71, 72) HIRAYAMA, Shozo [JP/JP]; Kamimeguromanshon 603, 21-20, Higashiyama 1-chome, Meguro-ku, Tokyo 153-0043 (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 CR CU CZ DE DK DM

DZ 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 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 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); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G01P 15/08

(11) WO 01/73450 (13) A1

(21) PCT/US00/22641

(22) 17 Aug/août 2000 (17.08.2000)

(25) en (26) en

(30) 09/516,735 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ACCELERATION OR VELOCITY SENSOR
• DÉTECTEUR D'ACCÉLÉRATION OU DE VITESSE

(71) TEXAS COMPONENTS CORPORATION [US/US]; Mr. John Cunningham, President, 1716 West Sam Houston Parkway North, Houston, TX 77043 (US).

(72) SCHENDEL, Robert, E.; 2611 Ridge Pin Drive, Kingwood, TX 77345 (US).

(74) ERIKSEN, Clarence, E.; McGlinchey Stafford, 1001 McKinney, Suite 1500, Houston, TX 77002 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G01R 1/067, 27/02

(11) WO 01/73451 (13) A1

(21) PCT/JP01/02570

(22) 28 Mar/mar 2001 (28.03.2001)

(25) ja (26) ja

(30) 2000-89912 28 Mar/mar 2000 JP (28.03.2000)

(30) 2000-124530 25 Apr/avr 2000 JP (25.04.2000)

(30) 2000-157452 26 May/mai 2000 JP (26.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HIGH FREQUENCY CIRCUIT IMPEDANCE MEASURING PROBE FOR INNER-LAYER-CONTAINING LAMINATED SHEET USED FOR MULTI-LAYER PRINTED BOARD
• SONDE SERVANT A MESURER L'IMPEDANCE D'UN CIRCUIT HAUTE

FREQUENCE, DESTINEE A UN STRATIFIE CONTENANT UNE COUCHE INTERIEURE ET UTILISE DANS UNE CARTE DE CIRCUITS MULTICOUCHE

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKASHIBA, Toru** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **MATSUSHITA, Yukio** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **IWAISHI, Tatsumi** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **TAKEDOMI, Masanobu** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **NAGASO, Mitsuhide** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP). **AKAMATSU, Motoyuki** [JP/JP]; c/o Matsushita Electric Works, Ltd., 1048, Oaza-Kadoma, Kadoma-shi, Osaka 571-8686 (JP).

(74) **NISHIKAWA, Yoshikiyo** et al. / etc.; Hokuto Patent Attorneys Office, Umeda-Dai-ichiseimei Bldg., 5F, 1-12-17 Umeda, Kita-ku, Osaka-shi, Osaka 530-0001 (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 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G01R 15/00, 15/14**

(11) **WO 01/73452** (13) A1

(21) PCT/FI01/00315

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) fi (26) en

(30) 20000747 **31 Mar/mar 2000** FI
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● POWER SUPPLY ARRANGEMENT
● DISPOSITIF D'ALIMENTATION

(71) **ABB T & D TECHNOLOGY LTD.** [CH/CH]; c/o ABB Transmission & Distribution Management LTD., Affolternstrasse 44, CH-8050 Zürich (CH).
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(72, 75) **VÄHÄMÄKI, Olavi** [FI/FI]; Saiturintie 15, FIN-66400 Laihia (FI). **TALVITIE, Tero** [FI/FI]; Hovioikeudenpuistikko 5 C 14, FIN-65100 Vaasa (FI). **RAUTIAINEN, Kari** [FI/FI]; Asemakatu 50 F 9, FIN-65100 Vaasa (FI). **TOIVONEN, Lassi** [FI/FI]; Uudenkirkonkatu 9 A 2, FIN-02130 Espoo (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G01R 22/00**

(11) **WO 01/73453** (13) A1

(21) PCT/EP01/03531

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 16 382.3 **29 Mar/mar 2000** DE
(29.03.2000)

(30) 200 21 295.8 **15 Dec/déc 2000** DE
(15.12.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM FOR THE CENTRALISED RECORDING OF ENERGY AND MATERIAL FLOWS
● SYSTEME DE MESURE DECENTRALISEE DE FLUX D'ENERGIE ET DE SUBSTANCES

(71, 72) **RIEGEL, Georg** [DE/DE]; Lohmeyerstr. 9, 10587 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G01R 27/06**

(11) **WO 01/73454** (13) A1

(21) PCT/DE00/04464

(22) **14 Dec/déc 2000 (14.12.2000)**

(25) de (26) de

(30) 100 15 684.3 **29 Mar/mar 2000** DE
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DETECTION AND EVALUATION METHOD FOR THE MISMATCH OF AN ANTENNA CONNECTED TO A HIGH-LEVEL STAGE, AND MOBILE RADIO TELEPHONE
● PROCEDE DE DETECTION ET D'EVALUATION DU DEFAUT D'ADAPTATION D'UNE ANTENNE CONNECTEE

A UN ETAGE DE SORTIE ET APPAREIL RADIOTELEPHONIQUE MOBILE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacher Platz 2, 80333 München (DE).
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(72, 75) **FÜNFELDER, Helmut** [DE/DE]; Barthl-Mayer-Weg 1, 85386 Dietersheim (DE). **ECKERT, Rainer** [DE/DE]; Zaubzerstrasse 29, 81677 München (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **G01R 29/02, G06F 1/04, H04L 25/02**

(11) **WO 01/73455** (13) A1

(21) PCT/JP01/02648

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 09/538,135 **29 Mar/mar 2000** US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● JITTER ESTIMATING DEVICE AND ESTIMATING METHOD
● DISPOSITIF ET PROCEDE D'ESTIMATION DE GIGUE

(71) **ADVANTEST CORPORATION** [JP/JP]; 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP).
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(72, 75) **YAMAGUCHI, Takahiro** [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **ISHIDA, Masahiro** [JP/JP]; c/o ADVANTEST CORPORATION, 1-32-1, Asahi-cho, Nerima-ku, Tokyo 179-0071 (JP). **SOMA, Mani** [US/US]; 12043 11th Avenue N.W., Seattle, WA 98177-4611 (US).

(74) **RYUKA, Akihiro**; 6F Toshin Building, 24-12, Shinjuku 1-chome, Shinjuku-ku, Tokyo 160-0022 (JP).

(81) DE JP US.

(51)⁷ **G01R 31/08, H04B 3/46**

(11) **WO 01/73456** (13) A1

(21) PCT/AU01/00335

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) PQ 6575 **30 Mar/mar 2000** AU
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● RETURN PATH AMPLIFIER DEVICE FOR HFC NETWORK
● DISPOSITIF AMPLIFICATEUR DE TRAJET DE RETOUR POUR RESEAU COAXIAL EN FIBRE HYBRIDE

(71) **REMOTE MANAGEMENT SYSTEMS PTY LTD** [AU/AU]; 3/25 Haig Street, Southbank, Victoria 3006 (AU).

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(72, 75) **JORDAN, Steve, Alan** [AU/AU]; 20 Coolaroo Court, Mooroolbark, Victoria 3138 (AU). **AGIUS, Michael, Thomas** [AU/AU]; 37 Pakenham Street, Blackburn, Victoria 3130 (AU). **CANNARD, Michael, James** [AU/AU]; 52 Cobden Street, South Melbourne, Victoria 3205 (AU).

(74) **FREEHILLS CARTER SMITH BEADLE**; 101 Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G01R 31/30

(11) **WO 01/73457** (13) A2

(21) PCT/US01/07455

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 60/191,798 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CONTROLLABLE AND TESTABLE OSCILLATOR APPARATUS FOR AN INTEGRATED CIRCUIT

• APPAREIL OSCILLATEUR QU'ON PEUT COMMANDER ET TESTER DESTINE A UN CIRCUIT INTEGRE

(71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBEAN, David, Lawrence** [US/US]; 5768 Broadway Street, Indianapolis, IN 46220 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson multimedia Licencing Inc., P.O. Box 5312, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G01R 31/316, 1/073, H05K 13/04

(11) **WO 01/73458** (13) A1

(21) PCT/RU00/00136

(22) **6 Mar/mar 2000 (06.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS FOR PROCESSING AND SORTING SEMICONDUCTOR DEVICES RECEIVED IN TRAYS

• APPAREIL POUR TRAITER ET TRIER DES DISPOSITIFS SEMI-CONDUCTEURS REÇUS SUR DES PLATEAUX

(71, 72) **DAVIDOV, Vladimir Nikolaevich** [RU/RU]; ul. Ordjonikidze, 63/1-63, St.Petersburg, 196233 (RU).

(72, 75) **BELOUSOV, Sergei Removich** [RU/RU]; Rizhsky Prospect, 20-40, St.Petersburg, 198103 (RU). **PYKO, Sergei Mikhailovich** [RU/RU]; 8-th Line, 13, Sestroretsk-4, St.Petersburg, 188640 (RU).

(74) **NILOVA, Maria**; Process Insight, Moika Embankment, 58, St.Petersburg, 190000 (RU).

(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 LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G01R 31/3185

(11) **WO 01/73459** (13) A2

(21) PCT/US01/09720

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/534,839 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR TESTING SIGNAL INTERCONNECTIONS USING BUILT-IN SELF TEST

• SYSTEME ET PROCEDE PERMETTANT DE TESTER DES INTERCONNECTIONS DE SIGNAUX AU MOYEN D'UN AUTOCONTROLE INCORPORE

(71) **SUN MICROSYSTEMS, INC.** [US/US]; Kivlin, B. Noel, P.O. Box 398, Austin, TX 78767-0398 (US).

(72) **SMITH, Brian, L.**; 1152B La Rochelle Terrace, Sunnyvale, CA 94089 (US). **LEWIS, James, C.**; 4499 Venice Way, San Jose, CA 95129 (US). **BRONIARCZYK, David**; 175 Gladys Avenue, No. 11, Mountain View, CA 94043 (US).

(74) **KIVLIN, B., Noel**; Conley, Rose & Tayon, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G01R 33/28

(11) **WO 01/73460** (13) A1

(21) PCT/EP01/03560

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 00201140.1 **30 Mar/mar 2000 EP (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MAGNETIC RESONANCE IMAGING UTILIZING A MICROCOIL

• IMAGERIE PAR RESONANCE MAGNETIQUE UTILISANT UNE MICROBOBINE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(72, 75) **FUDERER, Miha** [BE/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN VAALS, Johannes, J.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **COHEN, Julius, S.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ G01R 33/28

(11) **WO 01/73461** (13) A2

(21) PCT/US01/09692

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/192,133 **24 Mar/mar 2000 US (24.03.2000)**

(30) 60/194,211 **3 Apr/avr 2000 US (03.04.2000)**

(30) 60/202,281 **5 May/mai 2000 US (05.05.2000)**

(30) 60/248,121 **13 Nov/nov 2000 US (13.11.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS, SYSTEMS AND METHODS FOR IN VIVO MAGNETIC RESONANCE IMAGING

• DISPOSITIF, SYSTEMES ET PROCEDES D'IMAGERIE PAR RESONANCE MAGNETIQUE IN VIVO

(71) **SURGI-VISION** [US/US]; 9250 Rumsey Road, Columbia, MD 21045 (US).

(72) **ATALAR, Ergin**; 5206 Woodstove Lane, Columbia, MD 21045 (US). **BOTTOMLEY, Paul, A.**; 6308 Velvet Path, Columbia, MD 21044 (US). **KARMARKAR, Parag**; 7660 Woodpark Lane #401, Columbia, MD

- 21046 (US). **LARDO, Albert, C.**; 12 Manor Knoll Ct., Baldwin, MD 21013 (US). **ZERHOUNI, Elias**; 2113 Janer Drive, Pasadena, MD 21122 (US).
- (74) **DAMMAN, Kirk, A.** et al. / etc.; Foley, Hoag & Eliot LLP, Patent Group, One Post Office Square, Boston, MA 02109-2170 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G01R 33/561**
- (11) **WO 01/73462** (13) A1
- (21) PCT/EP01/02907
- (22) **14 Mar/mar 2001 (14.03.2001)**
- (25) en (26) en
- (30) 00201093.2 **27 Mar/mar 2000 EP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MAGNETIC RESONANCE IMAGING METHOD FOR IMAGING TIME-DEPENDENT CONTRAST
- PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE PERMETTANT D'IMAGER UN CONTRASTE TEMPOREL
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **HARVEY, Paul, R.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DEN BRINK, Johan, S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HOOGVEEN, Romhild, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BECK, Gabriele, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN YPEREN, Gerrit, H.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **COHEN, Julius, S.**; Internationaal Octroibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01R 33/561**
- (11) **WO 01/73463** (13) A1
- (21) PCT/EP01/03008
- (22) **19 Mar/mar 2001 (19.03.2001)**
- (25) en (26) en
- (30) 00201065.0 **24 Mar/mar 2000 EP (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MAGNETIC RESONANCE IMAGING METHOD WITH SUB-SAMPLING
- PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE, A SOUS-ECHANTILLONNAGE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(only for / seulement pour AT BE CH CN CY DK ES FI FR GB GR IE IT JP LU MC NL PT SE TR)
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(only for / seulement pour DE)
- (72) **PRÜSSMANN, Klaas, P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **WEIGER, Markus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BÖRNERT, Peter**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **COHEN, Julius, S.**; Internationaal Octroibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01R 33/567**
- (11) **WO 01/73464** (13) A1
- (21) PCT/EP01/02910
- (22) **14 Mar/mar 2001 (14.03.2001)**
- (25) en (26) en
- (30) 09/536,943 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MAGNETIC RESONANCE IMAGING METHOD AND SYSTEM WITH ADAPTIVELY SELECTED FLIP ANGLES
- PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE ET SYSTEME A ANGLES DE BASCULE SELECTIONNES DE MANIERE ADAPTATIVE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **MATTHIAS, Stuber**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BOTNAR, Rene**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **COHEN, Julius, S.**; Internationaal Octroibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **G01R 37/00**
- (11) **WO 01/73465** (13) A2
- (21) PCT/US01/09805
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 09/536,008 **25 Mar/mar 2000 US (25.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • APPARATUS AND METHOD FOR BUILT-IN SELF-TEST OF A DATA COMMUNICATIONS SYSTEM
- DISPOSITIF ET PROCEDE POUR AUTO-TEST INTEGRE (BIST) SUR SYSTEME DE TRANSMISSION DE DONNEES
- (71) **BROADCOM CORPORATION** [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OLSON, Erlend** [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). **BERARD, Rick** [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). **GREIG, David, V.** [US/US]; 16215 Alton Parkway, Irvine, CA 92618-3616 (US). **PASQUALINO, Christopher** [US/US]; 1232 Baxter Drive, Glendora, CA 91741 (US).
- (74) **HASAN, Syed, A.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G01S 5/02, H04B 7/185, H04Q 7/20**
- (11) **WO 01/73466** (13) A1
- (21) PCT/US01/07942
- (22) **12 Mar/mar 2001 (12.03.2001)**
- (25) en (26) en
- (30) 09/536,009 **26 Mar/mar 2000 US (26.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PERSONAL LOCATION DETECTION SYSTEM
- SYSTEME DE DETECTION DE POSITION INDIVIDUELLE
- (71, 72) **NEHER, Timothy, J.** [US/US]; 411 Hobron Lane #3204, Honolulu, HI 96815 (US).
- (74) **KROLL, Michael, I.**; 171 Stillwell Lane, Syosset, NY 11791 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)

(51)⁷ **G01S 5/14**
(11) **WO 01/73467** (13) A2
(21) PCT/US01/06858
(22) **5 Mar/mar 2001 (05.03.2001)**
(25) en (26) en
(30) 09/534,787 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ACCURATE GPS TIME ESTIMATE BASED ON INFORMATION FROM A WIRELESS COMMUNICATIONS SYSTEM
● ESTIMATION PRECISE DE TEMPS GPS BASEE SUR DES INFORMATIONS EMANANT D'UN SYSTEME DE COMMUNICATIONS SANS FIL

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).
(72) **CARLSSON, Hans**; 822 Grande Heights Drive, Cary, NC 27513 (US). **KOORAP-ATY, Havish**; 102 Horsepond Court, Cary, NC 27513 (US). **BLOEBAUM, Leland, Scott**; 103 Battery Point Place, Cary, NC 27513 (US).

(74) **OWEN, John, R.** et al. / etc.; Coats & Bennett, PLLC, Post Office Box 5, Raleigh, NC 27602 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G01S 5/14**
(11) **WO 01/73468** (13) A2
(21) PCT/US01/09178
(22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 09/535,932 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● LOCATION DETECTION SYSTEM
● SYSTEME DE DETECTION D'EMPLACEMENT
(71) **LOCATE NETWORKS, INC.** [US/US]; 5250 Carillon Point, Kirkland, WA 98033 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CLISE, William, E.** [US/US]; 1849 NW Roundhill Circle, Seattle, WA 98117 (US). **CROWSON, R., Michael** [US/US]; 8930 NE 13th Street, Clyde Hill, WA 98004 (US).

(74) **TULLETT, Rodney, C.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G01S 7/00, 13/86**
(11) **WO 01/73469** (13) A1
(21) PCT/DK01/00004
(22) **3 Jan/jan 2001 (03.01.2001)**
(25) en (26) en
(30) 00201082.5 **24 Mar/mar 2000 EP (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM AND METHOD FOR TRANSFER OF RADAR INFORMATION
● SYSTEME ET PROCEDE DE TRANSFERT D'UNE INFORMATION RADAR

(71) **TERMA ELEKTRONIK A/S** [DK/DK]; Hovmarken 4, DK-8520 Lystrup (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUUS, Niels** [DK/DK]; Tåstumvænget 2, Tilst, DK-8381 Mundelstrup (DK). **JOHANSEN, Knud** [DK/DK]; Bragesvej 12, DK-8680 Ry (DK). **BRUUN, Poul** [DK/DK]; Ved Gadekæret 7, DK-8520 Lystrup (DK). **ULRICH, Dan** [DK/DK]; Solagervej 12, DK-8250 Egå (DK).

(74) **PATENTGRUPPEN APS**; Arosgården, Aaboulevarden 23, DK-8000 Aarhus C (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G01S 7/52, 15/89, G06T 5/00**
(11) **WO 01/73470** (13) A1
(21) PCT/US01/06014
(22) **23 Feb/fév 2001 (23.02.2001)**
(25) en (26) en
(30) 09/535,823 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND APPARATUS FOR FLASH SUPPRESSION IN TWO-DIMENSIONAL ULTRASOUND IMAGING

● PROCEDE ET APPAREIL DE SUPPRESSION D'ECLAIRS DANS UNE IMAGERIE ULTRASONORE BIDIMENSIONNELLE

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CHIAO, Richard, Yung**; 10 Putnam Lane, Clifton Park, NY 12065 (US). **BASHFORD, Gregory, Ray**; 1544 Cobblestone Court, Menomonee Falls, WI 53151 (US). **FEILEN, Mark, Peter**; 14301 West Sun Valley, New Berlin, WI 53151 (US). **OWEN, Cynthia, Andrews**; 257 Buena Vista Place, Memphis, TN 38112 (US).

(74) **BENINATI, John, F.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **G01S 11/06**
(11) **WO 01/73471** (13) A2
(21) PCT/US01/09947
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 09/537,263 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM AND METHOD FOR ESTIMATING SEPARATION DISTANCE BETWEEN IMPULSE RADIOS USING IMPULSE SIGNAL AMPLITUDE
● SYSTEME ET PROCEDE PERMETTANT D'ESTIMER LA DISTANCE SEPARANT DES RADIOS PAR IMPULSIONS AU MOYEN D'UNE AMPLITUDE

(71) **TIME DOMAIN CORPORATION** [US/US]; Cummings Research Park, 7057 Old Madison Pike, Huntsville, AL 35806 (US).

(72) **RICHARDS, James, L.**; 58 Boning Road, Fayetteville, TN 37334 (US).

(74) **SOKOHL, Robert** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- (51)⁷ **G01S 13/36**
 (11) **WO 01/73472** (13) A2
 (21) PCT/EP01/03676
 (22) **30 Mar/mar 2001 (30.03.2001)**
 (25) de (26) de
 (30) 100 16 315.7 **31 Mar/mar 2000 DE (31.03.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • DEVICE FOR MEASURING LAYER THICKNESSES
 • DISPOSITIF DE MESURE D'ÉPAISSEURS DE COUCHES
 (71) **G. LUFFT MESS- UND REGELTECHNIK GMBH** [DE/DE]; Gutenbergstrasse 20, 70736 Fellbach-Schmidlen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SCHMITZ-HÜBSCH, Axel** [DE/DE]; Albstrasse 2/2, 71686 Remseck-Aldingen (DE). **GROSS, Jürgen** [DE/DE]; Lindberghstrasse 10, 70736 Fellbach (DE).
 (74) **WEIGELT, Udo**; Grünecker, Kinkeldey, Stockmair & Schwanhäusser, Maximilianstr. 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 DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G01S 13/93, 7/40**
 (11) **WO 01/73473** (13) A1
 (21) PCT/DE01/01190
 (22) **28 Mar/mar 2001 (28.03.2001)**
 (25) de (26) de
 (30) 100 15 111.6 **28 Mar/mar 2000 DE (28.03.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • MODEL-SUPPORTED ALLOCATION OF VEHICLES TO TRAFFIC LANES
 • AFFECTATION ASSISTÉE PAR MODÈLE DE VEHICULES A DES VOIES DE CIRCULATION
 (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) **WINTER, Klaus** [DE/DE]; Richard-Wagner-Strasse 17/1, 71701 Schwieberdingen (DE). **LUEDER, Jens** [DE/DE]; Im Obstgarten 20, 70806 Kornwestheim (DE). **KEDERER, W.** [—/—]; **-DETLEFSEN, J.** [DE/DE]; *
 (81) BR JP US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01T**
 (11) **WO 01/73474** (13) A2
 (21) PCT/RU01/00125
 (22) **28 Mar/mar 2001 (28.03.2001)**
 (25) ru (26) ru
 (30) 2000107659 **30 Mar/mar 2000 RU (30.03.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD FOR TRANSMUTATION OF LONG-LIVED RADIOACTIVE ISOTOPES INTO SHORT-LIVED OR STABLE ISOTOPES
 • PROCEDE DE TRANSMUTATION D'ISOTOPES RADIOACTIFS A VIE LONGUE EN ISOTOPES A VIE COURTE
 (71) **ZAKRYTOE AKTSIONERNOE OBSHCHESTVO "NEK-ELTRANS"** [RU/RU]; ul. Miklukho-Maklaya, 27a-1, Moscow, 117485 (RU).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BUTTSEV, Vladimir Stepanovich** [RU/RU]; ul. Pontekorvo, 15-904, Dubna, Moskovskaya obl., 141980 (RU). **BUTTSEVA, Galina Leonidovna** [RU/RU]; ul. Pontekorvo, 15-904, Dubna, Moskovskaya obl., 141980 (RU). **ZOULKARNEEV, Rafail Yakubovich** [RU/RU]; ul. Moskovskaya, 6-1104, Dubna, Moskovskaya obl., 141980 (RU).
 (74) **SCHEDRIN, Mikhail Borisovich**; ul. Kosygina, 5-35, Moscow, 117334 (RU).
 (81) BG CN HU JP KR SK US.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G01T 1/20**
 (11) **WO 01/73475** (13) A1
 (21) PCT/JP01/02492
 (22) **27 Mar/mar 2001 (27.03.2001)**
 (25) ja (26) ja
 (30) 2000-087814 **28 Mar/mar 2000 JP (28.03.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • X-RAY PLANE DETECTOR
 • DETECTEUR PLAN DE RAYONS X
 (71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).
 (72) **IKEDA, Mitsushi**; 2-3-20-711, Tarumachi, Kohoku-ku, Yokohama-shi, Kanagawa 222-0001 (JP). **ATSUTA, Masaki**; 4-53, Nagauracho, Yokosuka-shi, Kanagawa 237-0072 (JP). **NAITO, Katsuyuki**; 3-14-5-103, Sengoku, Bunkyo-ku, Tokyo 112-0011 (JP). **KINNO, Akira**; 102, Annex-Yokohama, 3-16-9, Nishiterao, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0001 (JP). **YAGI, Hitoshi**; 5-18-1-304, Higashiterao, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0077 (JP). **TANAKA, Manabu**; 102, Ever-Hills-Mansion, 37-3, Shimminamigoya, Nishinasunomachi, Nasu-gun, Tochigi 329-2704 (JP).
 (74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
 (81) CN.
-
- (84) EP (DE FR GB).
 (51)⁷ **G01V 1/28**
 (11) **WO 01/73476** (13) A1
 (21) PCT/US01/09760
 (22) **27 Mar/mar 2001 (27.03.2001)**
 (25) en (26) en
 (30) 60/192,190 **27 Mar/mar 2000 US (27.03.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD FOR SIMULATION OF ENHANCED FRACTURE DETECTION IN SEDIMENTARY BASINS
 • PROCEDE DE SIMULATION POUR UNE MEILLEURE DETECTION DES FRACTURES AU NIVEAU DES BASINS SEDIMENTAIRES
 (71, 72) **ORTOLEVA, Peter, J.** [US/US]; 1105 Brooks Drive, Bloomington, IN 47408 (US).
 (74) **HASAN, Salim, A.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G01V 1/38**
 (11) **WO 01/73477** (13) A2
 (21) PCT/US01/10059
 (22) **29 Mar/mar 2001 (29.03.2001)**
 (25) en (26) en
 (30) 09/537,841 **29 Mar/mar 2000 US (29.03.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • A SUBMARINE DEPLOYED OCEAN BOTTOM SEISMIC SYSTEM
 • SYSTEME SISMIQUE DE FOND D'OCEAN, DEPLOYE PAR UN SOUS-MARIN
 (71) **WESTERNGECO SEISMIC HOLDINGS LTD.** [US/US]; 10001 Richmond Avenue, Houston, TX 77042 (US).
 (72) **AMBS, Loran**; 5443 Windrush, Fulshear, TX 77441 (US). **RILEY, Duncan**; 8006 West Copper Lakes Court, Houston, TX 77095 (US).
 (74) **CHRISTIAN, Steven** et al. / etc.; WesternGeco, 10001 Richmond Avenue, Houston, TX 77042 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G01V 1/52

(11) WO 01/73478 (13) A2

(21) PCT/IB01/00447

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(30) 09/537,836 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DIPOLE LOGGING TOOL

• OUTIL DE DIAGRAPHIE DIPOLE

(71) SCHLUMBERGER LIMITED [NL/US]; 277 Park Avenue, New York, NY 10172 (US).

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(71) SCHLUMBERGER TECHNOLOGY B.V. [NL/NL]; Parkstraat 83-89, NL-2514 JG The Hague (NL).

(only for / seulement pour AT AU DE DK ES IE IT KR MX NO NZ RU)

(71) SCHLUMBERGER SURENCO S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).

(only for / seulement pour BR)

(71) PETROLEUM RESEARCH AND DEVELOPMENT N.V. [NL/NL]; De Ruyterkade 62, Willemstad, Curacao (AN). (only for / seulement pour BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG)

(71) SCHLUMBERGER CANADA LIMITED [CA/CA]; 24th floor, Monenco Place, 801 6th Avenue, S.W., Calgary, Alberta T2P 3W2 (CA).

(only for / seulement pour CA)

(71) SCHLUMBERGER OVERSEAS S.A. [PA/PA]; 8 Calle Aquilino de la Guardia, Panama City (PA).

(only for / seulement pour CN)

(71) SERVICES PETROLIERS SCHLUMBERGER [FR/FR]; 42, rue Saint Dominique, F-75007 Paris (FR).

(only for / seulement pour FR)

(71) SCHLUMBERGER HOLDINGS LIMITED [—/—]; P.O. Box 71, Craigmuir Chambers, Road Town, Tortola (VG).

(only for / seulement pour GB)

(72, 75) HOYLE, David [US/NO]; Hiltonaasen 9, N-1341 Slepnden (NO). TASHIRO, Hitoshi [JP/JP]; 422-6-124, Tokiwa, Kamakura-shi, Kanagawa-ken 248-0022 (JP). FROELICH, Benoit [FR/FR]; 26 bis, chemin du Gaillon, F-78160 Marly-le-Roi (FR). BRIE, Alain [FR/FR]; 148, avenue de Paris, F-78000 Versailles (FR). HORI, Hiroshi [JP/JP]; 229-1-201 Shimomizo, Sagamihara-shi, Kanagawa-ken 229-0015 (JP). SUGIYAMA, Hitoshi [JP/JP]; 2-13-7 Nihonmatsu, Sagamihara-shi, Kanagawa-ken 229-1137 (JP). PABON, Jahir [US/US]; 16 Cawdor Burn, Brookfield, CT 06804 (US). MORRIS, Frank [US/US]; 4514 Anchor Point Court, Missouri City, TX 77459 (US).

(74) NAVA, Robin; Schlumberger K.K., 2-2-1 Fuchinobe, Sagamihara-shi (JP).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ G01V 3/00, G01R 33/20

(11) WO 01/73479 (13) A1

(21) PCT/US01/10227

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/193,151 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LOCALIZED TWO-DIMENSIONAL SHIFT CORRELATED MR SPECTROSCOPY OF HUMAN BRAIN

• SPECTROSCOPIE PAR RESONANCE MAGNETIQUE BIDIMENSIONNELLE CORRELEE LOCALISEE DU CERVEAU HUMAIN A DECALAGE

(71) THE REGENTS OF THE UNIVERSITY OF CALIFORNIA [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) THOMAS, Michael, Albert [US/US]; 2810 Cardiff Avenue, Los Angeles, CA 90035 (US). YUE, Kenneth [—/CN]; 500 Landfair Avenue, Los Angeles, CA 90025 (US).

(74) BERLINER, Robert; Fulbright & Jaworski, L.L.P., 29th floor, 865 S. Figueroa Street, Los Angeles, CA 90017-2576 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B

(11) WO 01/73480 (13) A2

(21) PCT/GB01/00320

(22) 26 Jan/jan 2001 (26.01.2001)

(25) en (26) en

(30) 0007142.3 24 Mar/mar 2000 GB (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A DISPLAY DEVICE

• DISPOSITIF D'AFFICHAGE

(71) CENTRAL RESEARCH LABORATORIES LIMITED [GB/GB]; Dawley Road, Hayes, Middlesex UB3 1HH (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BEST, Stuart [GB/GB]; 76 Brendon Close, Harlington, Middlesex UB3 5NH (GB).

(74) SHARP, Alan, Cooper; QED I.P. Services Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).

(81) CA 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 G02B

(11) WO 01/73481 (13) A2

(21) PCT/US01/10647

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 09/539,485 30 Mar/mar 2000 US (30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL ROUTING ELEMENT FOR USE IN FIBER OPTIC SYSTEMS

• ELEMENT OPTIQUE D'ACHEMINEMENT POUR SYSTEME DE FIBRES OPTIQUES

(71) K2 OPTRONICS, INC. [US/US]; 580 College Avenue, Palo Alto, CA 94306 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) KAPANY, Narinder, S. [US/US]; 2190 Greenways Drive, Woodside, CA 94062-1137 (US).

(74) SLONE, David, N. 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ G02B 1/04, G02C 7/02, C08G 75/02

(11) WO 01/73482 (13) A1

(21) PCT/JP01/02600

(22) 28 Mar/mar 2001 (28.03.2001)

(25) ja (26) ja

(30) 2000-92284 29 Mar/mar 2000 JP (29.03.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HIGH-REFRACTIVE-INDEX EPISULFIDE-BASED PLASTIC LENS WITH GOOD DYEABILITY AND PROCESS FOR PRODUCING THE SAME
- LENTILLE PLASTIQUE A BASE D'EPISULFURE A INDICE DE REFRACTION ELEVE ET A APTITUDE A LA TEINTURE SATISFAISANTE, ET PROCEDE DE PRODUCTION CORRESPONDANT
- (71) **ASAHI LITE OPTICAL CO., LTD.** [JP/JP]; 3-1, Houei 4-chome, Fukui-shi, Fukui 910-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SAITO, Yuyoshi** [JP/JP]; c/o Asahi Lite Optical Co., Ltd., 3-23, Hinode 5-chome, Fukui-shi, Fukui 910-0859 (JP).
KOBAYASHI, Tadashi [JP/JP]; c/o Asahi Lite Optical Co., Ltd., 3-23, Hinode 5-chome, Fukui-shi, Fukui 910-0859 (JP).
- (74) **TSUTADA, Akiko** et al. / etc.; 9th Floor, Nissei Bingomachi Bldg., 7-10, Bingomachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0051 (JP).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G02B 5/08, 7/182**
- (11) **WO 01/73483** (13) A1
- (21) PCT/US01/10084
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 09/538,055 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ANTI-FOGGING MIRROR DEVICE AND METHOD
- MIROIR ANTI-BUEE ET PROCEDE ASSOCIE
- (71, 72) **CASEBIER, Kenneth** [US/US]; 6643 Kentwood Bluffs Drive, Los Angeles, CA 90045 (US).
- (74) **HARRIS, Michael D.**; Oppenheimer Wolff & Donnelly LLP, 2029 Century Park East, Suite 3800, Los Angeles, CA 90067 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G02B 5/18, 5/32, 6/34**
- (11) **WO 01/73484** (13) A1
- (21) PCT/US01/09691
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,396 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 09/816,515 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • OPTICAL DIFFRACTION GRATING STRUCTURE WITH REDUCED POLARIZATION SENSITIVITY
- RESEAU DE DIFFRACTION OPTIQUE PRESENTANT UNE SENSIBILITE REDUITE A LA POLARISATION REDUITE
- (71) **CHROMAPLEX, INC.** [US/US]; 150 Lucius Gordon Drive, West Henrietta, NY 14586 (US).
- (72) **HOOSE, John**; 14 Dewey Avenue, Fairport, NY 14450 (US).
- (74) **STUTIUS, Wolfgang**; Ropes and Gray, One International Place, Patent Dept., 33rd floor, Boston, MA 02110-2624 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G02B 5/30**
- (11) **WO 01/73485** (13) A1
- (21) PCT/US01/09513
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,258 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 60/225,242 **15 Aug/août 2000 US (15.08.2000)**
- (30) Not furnished / non communiqué **26 Mar/mar 2001 US (26.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HIGH EFFICIENCY PRISM ASSEMBLY FOR IMAGE PROJECTION
- ENSEMBLE PRISME A RENDEMENT ELEVE POUR PROJECTION D'IMAGES
- (71) **DIGITAL REFLECTIONS, INC.** [US/US]; 644 University Avenue, Los Gatos, CA 95032 (US).
- (72) **BERMAN, Arthur, L.**; 5635 Snowdon Place, San Jose, CA 95138 (US).
SANDBERG, Edmund; 17990 Rose Court, Monte Sereno, CA 95030 (US).
- (74) **LOHSE, Timothy, W.**; Gray Cary Ware & Freidenrich LLP, 400 Hamilton Avenue, Palo Alto, CA 94301-1825 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G02B 6/00**
- (11) **WO 01/73486** (13) A2
- (21) PCT/US01/05532
- (22) **21 Feb/fév 2001 (21.02.2001)**
- (25) en (26) en
- (30) 60/193,080 **30 Mar/mar 2000 US (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DISPERSION SLOPE COMPENSATING OPTICAL WAVEGUIDE FIBER
- FIBRE GUIDE D'ONDES COMPENSANT UNE PENTE DE DISPERSION
- (71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).
- (72) **BERKEY, George, E.**; 11551 Riely Hill Road, Pine City, NY 14871 (US).
BICKHAM, Scott, R.; 64 East Fourth Street, Corning, NY 14830 (US).
CAIN, Michael, B.; 7 Pond View, Painted Post, NY 14870 (US).
HAJCAK, Pamela, A.; 2545 Morcrest Drive, Corning, NY 14830 (US).
MANYAM, Upendra, H.; 197 Fuller Avenue, Apt. C, Corning, NY 14830 (US).
MISHRA, Snigdharaj, K.; 3509 St. Francis Drive, Wilmington, NC 28409 (US).
SRIKANT, V.; 107 E. State St., #301, Ithaca, NY 14850 (US).
- (74) **CHERVENAK, William, J.**; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G02B 6/00**
- (11) **WO 01/73487** (13) A2
- (21) PCT/US01/07790
- (22) **12 Mar/mar 2001 (12.03.2001)**
- (25) en (26) en
- (30) 60/192,321 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 09/669,841 **27 Sep/sep 2000 US (27.09.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COUPLING OF LIGHT FROM A LIGHT SOURCE TO A TARGET USING DUAL ELLIPSOIDAL REFLECTORS
- COUPLAGE DE LA LUMIERE EMISE PAR UNE SOURCE LUMINEUSE A UNE CIBLE AU MOYEN DE DEUX REFLECTEURS ELLIPSOIDAUX
- (71) **COGENT LIGHT TECHNOLOGIES, INC.** [US/US]; 26145 Technology Drive, Santa Clarita, CA 91355-1137 (US).

- (72) **LI, Kenneth, K.**; 217 Laurel Avenue, Arcadia, CA 91006 (US).
- (74) **REPPER, George, R.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 555 13th Street, N.W., Suite 701-E, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G02B 6/16**

- (11) **WO 01/73488** (13) A2
(21) PCT/EP01/03446
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 00201173.2 **30 Mar/mar 2000 EP (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR WRITING A BRAGG GRATING IN A WAVEGUIDE
• PROCEDE ET DISPOSITIF PERMETTANT D'ETABLIR UN RESEAU DE BRAGG DANS UN GUIDE D'ONDES
- (71) **OPTICAL TECHNOLOGIES ITALIA S.P.A.** [IT/IT]; Viale Sarca, 222, I-20126 Milano (IT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TORMEN, Maurizio** [IT/IT]; Via Agordo, 13, I-32100 Belluno (IT).
- (74) **RICCARDI, Elisa**; Porta, Checcacci & Associati S.p.A., Viale Sabotino, 19/2, I-20135 Milano (IT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G02B 6/28, H01S 3/30**

- (11) **WO 01/73489** (13) A1
(21) PCT/US00/08369
(22) **29 Mar/mar 2000 (29.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • OPTICAL SIGNAL AMPLIFICATION METHOD AND APPARATUS

- PROCEDE ET APPAREIL D'AMPLIFICATION DE SIGNAL OPTIQUE
- (71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, WY 14831 (US).
- (72) **CEREO, Richard, J.**; 1399 State Route 414, Beaver Dams, NY 14812 (US). **SHEIH, Shou-Jong**; 4899 Hillview Road, Millport, NY 14864 (US).
- (74) **MURPHY, Silvy, A.**; Patent Department, SP TI 3-1, Corning Incorporated, Corning, NY 14831 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **G02B 6/35, H04J 14/00**

- (11) **WO 01/73490** (13) A1
(21) PCT/US01/07825
(22) **13 Mar/mar 2001 (13.03.2001)**
(25) en (26) en
(30) 60/192,390 **27 Mar/mar 2000 US (27.03.2000)**
(30) 09/739,709 **20 Dec/déc 2000 US (20.12.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • OPTICAL SWITCHING SYSTEM WITH POWER BALANCING
• SYSTEME DE COMMUTATION OPTIQUE A EQUILIBRAGE DE PUISSANCE
- (71) **LYNX PHOTONIC NETWORKS, INC.** [US/US]; 26775 Malibu Hills Roads, Calabasas Hills, CA 91301 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DUER, Reuven** [IL/IL]; Moshav Talmai Elazar (IL).
- (74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G02B 6/42**

- (11) **WO 01/73491** (13) A1
(21) PCT/DE01/01233
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) de (26) de

- (30) 100 16 443.9 **29 Mar/mar 2000 DE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COUPLING ARRANGEMENT
• DISPOSITIF DE COUPLAGE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHRÖDINGER, Karl** [DE/DE]; Setheweg 12, 14089 Berlin (DE). **STEFFENSEN, Andreas** [DE/DE]; Kiefernhofer 11, 14532 Kleinmachnow (DE).
- (74) **MÜLLER, Wolfram**; Maikowski & Ninnemann, Kurfürstendamm 54-55, 10707 Berlin (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G02B 6/42**

- (11) **WO 01/73492** (13) A1
(21) PCT/FR01/00922
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) fr (26) fr
(30) 00/03950 **29 Mar/mar 2000 FR (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND DEVICE FOR PASSIVE ALIGNMENT OF OPTICAL FIBRES AND OPTOELECTRONIC COMPONENTS
• PROCEDE ET DISPOSITIF D'ALIGNEMENT PASSIF DE FIBRES OPTIQUES ET DE COMPOSANTS OPTOELECTRONIQUES
- (71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31/33, rue de la Fédération, F-75752 Paris 15ème (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARION, François** [FR/FR]; 23 B, avenue du Collège, F-38120 Saint-Egreve (FR). **HAMELIN, Régis** [FR/FR]; 47, avenue Georges Pompidou, F-69003 LYON (FR).
- (74) **LEHU, Jean**; c/o Brevatome, 3, rue du Docteur Lancereaux, F-75008 Paris (FR).
- (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 **G02B 6/44, H02G 1/08**

- (11) **WO 01/73493** (13) A1
(21) PCT/GB01/01270
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 0007443.5 **29 Mar/mar 2000 GB (29.03.2000)**
(30) 0103584.9 **14 Feb/fév 2001 GB (14.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SIGNAL TRANSMITTING CABLE

- CABLE DE TRANSMISSION DE SIGNAUX

(71) **MAINETTI TECHNOLOGY LIMITED** [GB/GB]; Haughhead, Hawick TD9 8LF (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **BROWN, George, Henry, Platt** [GB/GB]; Braeholm, Windyknowe Road, Galashiels TD1 1RQ (GB). **STOCKTON, David, John** [GB/GB]; 12 Coppice Close, Melton, Woodbridge, Suffolk IP12 1RX (GB). **TAYLOR, Jonathan, Paul** [GB/GB]; 4 Jean Lawrie Court, St Boswells, Melrose TD6 0BF (GB).(74) **VINSOME, Rex, Martin**; Urquhart-Dykes & Lord, St Nicholas Chambers, Amen Corner, Newcastle-Upon-Tyne NE1 1PE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G02B 6/44, H02G 1/08(11) **WO 01/73494** (13) A1

(21) PCT/GB01/00742

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 0007443.5 **29 Mar/mar 2000 GB (29.03.2000)**(30) 0103584.9 **14 Feb/fév 2001 GB (14.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CABLE FOR INSTALLATION IN DUCT

- CABLE A INSTALLER DANS UN CONDUIT

(71) **EMTELLE UK LIMITED** [GB/GB]; Haughhead, Hawick TD9 8LF (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **BROWN, George, Henry, Platt** [GB/GB]; Braeholm, Windyknowe Road, Galashiels TD1 1RQ (GB).(74) **VINSOME, Rex, Martin**; Urquhart-Dykes & Lord, St. Nicholas Chambers, Amen Corner, Newcastle upon Tyne NE1 1PE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ G02B 26/00(11) **WO 01/73495** (13) A2

(21) PCT/US01/08292

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/535,312 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MICROMECHANICAL PHASE-SHIFTING GATE OPTICAL MODULATOR

- MODULATEUR OPTIQUE MICROMÉCANIQUE À GRILLE DE DÉPHASAGE

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 N. Walnut Street, P.O. Box 7365, Madison, WI 53707-7365 (US).(72) **QUE, Long**; Apartment E, 201 Eagle Heights, Madison, WI 53705 (US). **WIT-JAKSONO, Gunawan**; 811 Eagle Heights, Apartment C, Madison, WI 53705 (US). **GIANCHANDANI, Yogesh, B.**; 430 Cherry Hill Drive, Madison, WI 53717 (US).(74) **ENGSTROM, Harry, C.** et al. / etc.; Foley & Lardner, 150 East Gilman Street, P.O. Box 1497, Madison, WI 53701-1497 (US).

(81) 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 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 UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G02B 26/02(11) **WO 01/73496** (13) A1

(21) PCT/JP01/02498

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-87623 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DISPLAY DEVICE AND METHOD OF MANUFACTURE THEREOF

- DISPOSITIF D'AFFICHAGE ET SON PROCÉDÉ DE FABRICATION

(71) **NGK INSULATORS, LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).(72) **TAKEUCHI, Yukihisa**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **TSUJI, Hiroyuki**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **NANATAKI, Tsutomu**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **OHWADA, Iwao**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).(JP). **TOYAMA, Nobutoshi**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **NOGUCHI, Nobuchika**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).(74) **CHIBA, Yoshihiro** et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).

(84) EP (DE FR GB IT NL).

(51)⁷ G02B 27/00(11) **WO 01/73497** (13) A2

(21) PCT/US01/09746

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/536,246 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTIDIMENSIONAL IMAGING ON A CURVED SURFACE USING LENTICULAR LENSES

- IMAGERIE MULTIDIMENSIONNELLE SUR SURFACE COURBE A L'AIDE DE LENTILLES LENTICULAIRES

(71) **NATIONAL GRAPHICS, INC.** [US/US]; 4065 North Calhoun Road, Brookfield, WI 53005 (US).*(for all designated States except / pour tous les États désignés sauf US)*(71, 72) **GOGGINS, Timothy, P.** [US/US]; N42 W32825 Mooring line Drive, Nashotah, WI 53058 (US).(74) **PIENKOS, Thomas, J.** et al. / etc.; Whyte Hirschboeck Dudek S.C., 111 E. Wisconsin Avenue, Suite 2100, Milwaukee, WI 53202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G02C 5/22(11) **WO 01/73498** (13) A1

(21) PCT/IB01/00497

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) fr (26) fr

(30) 00/04008 **30 Mar/mar 2000 FR (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SPRUNG JOINT WITH REDUCED FRICTION

- CHARNIERE ELASTIQUE A FROTTEMENT REDUIT

(71) **SIPAL S.A.** [FR/FR]; La Doye, F-39400 Morez (FR).*(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KERJEAN, Alain** [FR/FR]; 14, avenue de Belfort, F-39200 Saint-Claude (FR).

(74) **MOINAS, Michel**; Cabinet Michel Moinas, 13, Chemin du Levant, F-01210 Freny-Voltaire (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G02C 7/00

(11) **WO 01/73499** (13) A2

(21) PCT/US01/09495

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,791 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CUSTOMIZED PROGRESSIVE ADDITION LENSES
• VERRES OU LENTILLES PROGRESSIFS PERSONNALISES

(71) **JOHNSON & JOHNSON VISION CARE, INC.** [US/US]; 7500 Centurion Parkway, Suite 100, Jacksonville, FL 32256 (US).

(72) **KOKONASKI, William**; 6173 Burnham Road, Roanoke, VA 24018 (US). **MENEZES, Edgar**; 6558 Hidden Woods Drive, Roanoke, VA 24018 (US). **KATZMAN, Daniel**; 14 Givat, 23 800 Ela Haemek (IL). **GUPTA, Amitava**; 5322 Fox Den Road, Roanoke, VA 24014 (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G02C 7/02

(11) **WO 01/73500** (13) A1

(21) PCT/KR01/00546

(22) **31 Mar/mar 2001 (31.03.2001)**

(25) ko (26) en

(30) 2000/16776 **31 Mar/mar 2000 KR (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SUNGLASSES HAVING DECORATIVE REFLECTION HOLOGRAMS AND METHOD FOR MANUFACTURING THE SAME

• LUNETTES SOLAIRES PRESENTANT DES HOLOGRAMMES REFLECHISANTS DECORATIFS ET PROCEDE DE FABRICATION DESDITES LUNETTES

(71, 72) **SHIN, Hyun, Sik** [KR/KR]; 106-806 Byucksan Apt., 455 Hongoeun-dong, Seodaemoon-gu, Seoul 120-100 (KR).

(74) **PARK, Young, Sun**; Park & Partners, Tongyoung Building, 9th floor, 1318-2 Seocho-4-dong, Seocho-gu, Seoul 137-074 (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 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ G02F 1/00

(11) **WO 01/73501** (13) A2

(21) PCT/US01/08994

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/535,539 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VARIABLE CHIRP MODULATOR HAVING THREE ARM INTERFEROMETER
• MODULATEUR CHIRP VARIABLE PRESENTANT TROIS INTERFEROMETRES DE BRAS

(71) **CODEON CORPORATION** [US/US]; 9112 Guilford Road, Columbia, MD 21046 (US).

(72) **BURNS, William, K.**; 9112 Guilford Road, Columbia, MD 21046 (US).

(74) **SMITH, John, G.**; Morgan, Lewis & Bockius LLP, 1800 M Street, NW, Washington, DC 20036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G02F 1/01

(11) **WO 01/73502** (13) A1

(21) PCT/EP01/02109

(22) **24 Feb/fév 2001 (24.02.2001)**

(25) de (26) de

(30) 100 14 830.1 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DEVICE FOR CONVERTING LIGHT HAVING A POLARISATION P_E INTO LIGHT HAVING A PREDETERMINED POLARISATION P_A

• DISPOSITIF DE CONVERSION D'UNE LUMIERE DE POLARISATION P_E EN LUMIERE DE POLARISATION PREDETERMINEE P_A

(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) **DULTZ, Wolfgang** [DE/DE]; Marienberger Strasse 37, 65936 Frankfurt am Main (DE). **RIES, Reinald** [DE/DE]; Wenckstr. 56, 64289 Darmstadt (DE). **FRINS, Erna** [UY/UY]; Sepee 1748, 006, 11400 Montevideo (UY). **FERRARI, Jose** [UY/UY]; Sepee 1748, 006, 11400 Montevideo (UY).

(74) **DEUTSCHE TELEKOM AG**; Rechtsabteilung (Patente) PA1, 64307 Darmstadt (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ G02F 1/125

(11) **WO 01/73503** (13) A1

(21) PCT/RU01/00103

(22) **28 Feb/fév 2001 (28.02.2001)**

(25) ru (26) ru

(30) 2000108779 **31 Mar/mar 2000 RU (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTOACOUSTIC FREQUENCY FILTER
• FILTRE DE FRÉQUENCES OPTOACOUSTIQUE

(71, 72) **POKROVSKY, Alexei Andreevich** [RU/RU]; ul. Botanicheskaya, 18-3-15, St.Petersburg, 198504 (RU). **PAVLOV, Boris Sergeevich** [RU/RU]; ul. Botanicheskaya, 18-6-30, St.Petersburg, 198504 (RU). **PROKHOROV, Lev Vasilievich** [RU/RU]; Zanevsky pr., 10-6, St.Petersburg, 195112 (RU).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G02F 1/13

(11) **WO 01/73504** (13) A1

(21) PCT/US01/09808

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,646 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • ADJUSTABLE LIQUID CRYSTAL BLAZED GRATING DEFLECTOR
• DEFLECTEUR DE RESEAUX BLAZES REGLABLES A CRISTAUX LIQUIDES
- (63) US 60/192,646 (CON)
27 Mar/mar 2000 (27.03.2000)
- (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) WANG, Xu [—/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 201-85, Pasadena, CA 91125 (US). PSALTIS, Demetri [—/US]; California Institute of Technology, 1200 East California Boulevard, Mail Code 136-93, Pasadena, CA 91125 (US).
- (74) HARRIS, Scott, C.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ G02F 1/133
- (11) WO 01/73505 (13) A1
- (21) PCT/JP01/02510
- (22) 27 Mar/mar 2001 (27.03.2001)
- (25) ja (26) ja
- (30) 2000-85842 27 Mar/mar 2000 JP (27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • LIQUID CRYSTAL SHUTTER
• OBTURATEUR À CRISTAUX LIQUIDES
- (71) CITIZEN WATCH CO., LTD. [JP/JP]; 1-12, Tanashicho 6-chome, Nishitokyo-shi, Tokyo 188-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KONDOH, Shinya [JP/JP]; C/O CITIZEN WATCH CO., LTD., 840, Aza Takeno, Oaza Shimotomi, Tokorozawa-shi, Saitama 359-8511 (JP). OHARA, Mie [JP/JP]; C/O CITIZEN WATCH CO., LTD., 840, Aza Takeno, Oaza Shimotomi, Tokorozawa-shi, Saitama 359-8511 (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) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G02F 1/1333
- (11) WO 01/73506 (13) A1
- (21) PCT/EP01/01740
- (22) 16 Feb/fév 2001 (16.02.2001)
- (25) de (26) de
- (30) 100 14 788.7 24 Mar/mar 2000 DE (24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR PRODUCING DISPLAYS
• PROCEDE DE PRODUCTION D'AFFICHEURS
- (71) SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf AU GB IE IL IN JP KR NZ SG US ZA)
- (71) CARL-ZEISS-STIFTUNG trading as SCHOTT GLAS [DE/DE]; Hattenbergstrasse 10, 55122 Mainz (DE).
(only for / seulement pour AU BB BF BJ BZ CF CG CI CM GA GB GD GE GH GM GN GW IE IL IN KE KG KP KR KZ LC LK LR LS MG ML MN MR MW MZ NE NZ SD SG SL SN SZ TD TG TT TZ UG VN ZA ZW)
- (71) CARL-ZEISS-STIFTUNG [DE/DE]; 89518 Heidenheim (DE).
(only for / seulement pour BB BF BJ BZ CF CG CI CM GA GD GE GH GM GN GW JP KE KG KZ LC LK LR LS MG ML MN MR MW MZ NE SD SL SN SZ TD TG TT TZ UG VN ZW)
- (72, 75) HERMANN, Christoph [DE/DE]; Am Jungstück 12, 55130 Mainz (DE). HAUER, Dirk [DE/DE]; Hermannstrasse 74, 55218 Ingelheim (DE). HOETZEL, Bernd [DE/DE]; Anhornweg 5, 55286 Wörrstadt (DE). GEISSLER, Georg [DE/DE]; Steinkaut 6, 65510 Hünstetten (DE). LUETTGENS, Thomas [DE/DE]; Jean-Pierre-Jungels-Strasse 20, 55126 Mainz (DE). TERSTRIEP, Ludger [DE/DE]; Oppenheimerstrasse 101, 55130 Mainz (DE). BLUNCK, Andrew [DE/DE]; Drachenhohl 28, 31073 Grünenplan (DE).
- (74) DR. WEITZEL & PARTNER; Friedenstrasse 10, 89522 Heidenheim (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ G02F 1/1337, 1/1368, 1/1335
- (11) WO 01/73507 (13) A1
- (21) PCT/JP00/01861
- (22) 27 Mar/mar 2000 (27.03.2000)
- (25) ja (26) ja
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • LIQUID CRYSTAL DISPLAY DEVICE
• DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES
- (71) HITACHI, LTD. [US/US]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) HAYAKAWA, Kouji [JP/JP]; Displays, Hitachi, Ltd., 3300, Hayano, Mobara-shi, Chiba 297-8622 (JP). OKUMURA, Haruhisa [JP/JP]; Displays, Hitachi, Ltd., 3300, Hayano, Mobara-shi, Chiba 297-8622 (JP). MORI, Ikuko [JP/JP]; Displays, Hitachi, Ltd., 3300, Hayano, Mobara-shi, Chiba 297-8622 (JP).
- (74) SAKUTA, Yasuo; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ G03B 21/00
- (11) WO 01/73508 (13) A1
- (21) PCT/JP01/02380
- (22) 23 Mar/mar 2001 (23.03.2001)
- (25) ja (26) ja
- (30) 2000-85713 27 Mar/mar 2000 JP (27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PROJECTION DISPLAY SYSTEM AND PROJECTOR, AND MENU IMAGE DISPLAY METHOD THEREFOR
• SYSTEME D'AFFICHAGE PAR PROJECTION ET PROJECTEUR, AINSI QUE PROCEDE D'AFFICHAGE D'IMAGE DE MENU POUR CELUI-CI
- (71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) KOYAMA, Takaaki [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). KAMIYA, Yasutaka [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). AKAIWA, Shoichi [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). KARASAWA, Toru [JP/JP]; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) IGARASHI, Takao et al. / etc.; Mitsui-Sumitomo Bank Bldg. 7th Floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G03F 7/023, 7/30
- (11) WO 01/73509 (13) A1
- (21) PCT/US01/06049
- (22) 23 Feb/fév 2001 (23.02.2001)
- (25) en (26) en
- (30) 09/535,914 24 Mar/mar 2000 US (24.03.2000)

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • NOVEL PHOTSENSITIVE RESIN COMPOSITIONS
• NOUVELLES COMPOSITIONS DE RESINE PHOTSENSIBLES
- (71) ARCH SPECIALTY CHEMICALS, INC. [US/US]; 501 Merritt 7, Norwalk, CT 06856-4500 (US).
- (72) WATERSON, Pamela, J.; 504 School Street, Northbridge, MA 01534 (US). NAINI, Ahmad; 115 Love Lane, Warwick, RI 02886 (US). HSU, Steve, Lien-Chung; 46 Cyan Feng Road, Tainan City (TW). WEBER, William, D.; 1147 Narragansett Boulevard, Cranston, RI 02905 (US).
- (74) GREELEY, Paul, D.; Ohlandt, Greeley, Ruggiero & Perle, L.L.P., 10th Floor, One Landmark Square, Stamford, CT 06901 (US).
- (81) JP KR SG.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ G03F 7/027, 7/004, C08F 290/06, 299/02, 2/48, C08L 63/10, H05K 3/28, 3/46
- (11) WO 01/73510 (13) A1
- (21) PCT/JP01/02590
- (22) 28 Mar/mar 2001 (28.03.2001)
- (25) ja (26) ja
- (30) 2000-90906 29 Mar/mar 2000 JP (29.03.2000)
- (30) 2000-373410 7 Dec/déc 2000 JP (07.12.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PHOTOCURABLE/THERMOSETTING RESIN COMPOSITION, PHOTSENSITIVE DRY FILM FORMED THEREFROM, AND METHOD OF FORMING PATTERN WITH THE SAME
• COMPOSITION DE RESINE PHOTODURCISSANTE/THERMODURCISANTE, COUCHE SECHE PHOTSENSIBLE PREPAREE AU MOYEN DE CETTE RESINE ET PROCEDE DE CREATION DE CONFIGURATIONS
- (71) KANAGAWA UNIVERSITY [JP/JP]; 27-1, Rokkakubashi 3-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0802 (JP). TAIYO INK MANUFACTURING CO., LTD. [JP/JP]; 7-1, Hazawa 2-chome, Nerima-ku, Tokyo 176-8508 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (71) ONODERA, Eiko (heiress of the deceased inventor / héritière de l'inventeur décédé) [JP/JP]; 3145-11, Irumagawa, Sayama-shi, Saitama 350-1305 (JP).
(only for / seulement pour US)
- (72) ONODERA, Seiya (deceased / décédé).
- (72, 75) NISHIKUBO, Tadatomi [JP/JP]; 6-8, Honfujisawa 3-chome, Fujisawa-shi, Kanagawa 251-0875 (JP). KAMEYAMA, Atsushi [JP/JP]; Room 705, Kurio-Higashikanagawa-Ichibankan, 10-3, Nishikanagawa 1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0822 (JP). SASAKI, Masaki [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP). KUSAMA, Masatoshi [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP).
- (74) YOSHIDA, Shigeki; Room 1103, Harada Bldg., 14-2, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).
- (81) CA CN IN JP KR SG US VN.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ G03F 7/033, 7/004, 7/40, C08F 2/48, H01B 1/22, H01J 9/02
- (11) WO 01/73511 (13) A1
- (21) PCT/JP01/02803
- (22) 30 Mar/mar 2001 (30.03.2001)
- (25) ja (26) ja
- (30) 2000-96295 31 Mar/mar 2000 JP (31.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PHOTOCURABLE PASTE COMPOSITION AND FORMATION OF INORGANIC BURNED PATTERN THEREFROM
• COMPOSITION DE PATE PHOTORETICULABLE ET FORMATION DE SON MOTIF ANORGANIQUE BRULE
- (71) TAIYO INK MANUFACTURING CO., LTD. [JP/JP]; 7-1, Hazawa 2-chome, Nerima-ku, Tokyo 176-8508 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) YANAGIDA, Nobuyuki [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP). KOJIMA, Hideaki [JP/JP]; c/o Taiyo Ink Manufacturing Co., Ltd., Ranzan Jigyosho, 388, Oaza Okura, Ranzanmachi, Hiki-gun, Saitama 355-0222 (JP).
- (74) YOSHIDA, Shigeki; Room 1103, Harada Bldg., 14-2, Takadanobaba 2-chome, Shinjuku-ku, Tokyo 169-0075 (JP).
- (81) CA CN IN KR SG US VN.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ G03F 7/039, C08F 220/28, 212/14, H01L 21/027
- (11) WO 01/73512 (13) A1
- (21) PCT/JP01/02246
- (22) 21 Mar/mar 2001 (21.03.2001)
- (25) ja (26) ja
- (30) 2000/0088788 28 Mar/mar 2000 JP (28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CHEMICAL AMPLIFICATION TYPE POSITIVE RESIST COMPOSITION
• COMPOSITION DE RESIST POSITIF DU TYPE A AMPLIFICATION CHIMIQUE
- (71) SUMITOMO CHEMICAL COMPANY, LIMITED [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) UETANI, Yasunori [JP/JP]; 2-10-2-231, Sonehigashimachi, Toyonaka-shi, Osaka 561-0802 (JP). TERAKAWA, Takakiyo [JP/JP]; 2-29-7-A-302, Ooike, Ibaraki-shi, Osaka 567-0826 (JP). ARAKI, Kaoru [JP/JP]; 670-4-306, Higashihaminamicho, Hushimi-ku, Kyoto-shi, Kyoto 612-8213 (JP).
- (74) JINNO, Naoyoshi et al. / etc.; c/o Intellectual Property Department, Sumitomo Chemical Company, Limited, 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-8550 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 KE KG 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ G03G 15/00, 5/02, 5/04, 5/047
- (11) WO 01/73513 (13) A1
- (21) PCT/US01/09770
- (22) 27 Mar/mar 2001 (27.03.2001)
- (25) en (26) en
- (30) 09/535.830 28 Mar/mar 2000 US (28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CHARGE GENERATION LAYERS COMPRISING BINDER BLENDS AND PHOTOCONDUCTORS INCLUDING THE SAME
• COUCHES GENERATRICES DE CHARGE A MELANGES DE LIANTS, ET PHOTOCONDUCTEURS RENFERMANT CES COUCHES
- (71) LEXMARK INTERNATIONAL, INC. [US/US]; Intellectual Property Law Department, 740 West New Circle Road, Lexington, KY 40550 (US).
- (72) SRINIVASAN, Kasturi, R.; 740 Bluegrass Drive, Longmont, CO 80503 (US). HINCH, Gary; 2042 Erie Lane, Superior, CO 80027 (US). LEVIN, Ronald, H.; 460 Oakwood Place, Boulder, CO 80304 (US). HAGGQUIST, Gregory, W.; 668 Nelson Park Drive, Longmont, CO 80503 (US).
- (74) OBERHAUS, Geoffrey, L.; Lexmark International, Inc., Intellectual Property Law Department, 740 West New Circle Road, Lexington, KY 40550 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G05B 11/01, 23/02**(11) **WO 01/73514** (13) A1

(21) PCT/US01/10015

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/537,093 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DISTRIBUTED CONTROL NETWORK FOR IRRIGATION MANAGEMENT
• RESEAU DE COMMANDE REPARTIE POUR GESTION DE L'IRRIGATION

(71) **SIGNATURE CONTROL SYSTEMS, INC.** [US/US]; Suite B, 4 Mason, Irvine, CA 92618 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Brian, J.** [ZA/US]; Suite B, 4 Mason, Irvine, CA 92618 (US). **SCHAFFER, Eric** [US/US]; Suite B, 4 Mason, Irvine, CA 92618 (US).

(74) **NICHOLSON, Cynthia, K.** 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **G05B 17/00, 13/04, B21C 23/00**(11) **WO 01/73515** (13) A1

(21) PCT/GB01/01165

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 0007372.6 **28 Mar/mar 2000 GB (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CONTROL SYSTEMS FOR EXTRUSION OR DRAWING PLANTS
• SYSTEMES DE COMMANDE POUR INSTALLATIONS D'EXTRUSION OU D'EXTRACTION

(71) **BETA LASERMIKE LIMITED** [GB/GB]; Stirling Road, Cressex Business Park, High Wycombe, Buckinghamshire HP12 3RT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JAMAL-AHMAD, Mohammad, Hafiz, Fazl, Elahi** [GB/GB]; 44 Cleveden Gardens, Cranford, Middlesex TW5 9TS (GB).

(74) **SAUNDERS & DOLLEYMORE**; 9 Rickmansworth Road, Watford, Hertfordshire WD18 0JU (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 EE ES FI GB GD GE GH GM HR

HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G05D 1/00**(11) **WO 01/73516** (13) A1

(21) PCT/GB01/01003

(22) **8 Mar/mar 2001 (08.03.2001)**

(25) en (26) en

(30) 0007619.0 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AIRCRAFT CONTROL SYSTEM
• SYSTEME DE COMMANDE D'AERONEF

(71) **BAE SYSTEMS PLC** [GB/GB]; Warwick House, P.O. Box 87, Farnborough Aerospace Centre, Farnborough, Hampshire GU14 6YU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DARBYSHIRE, Ian, Thomas** [GB/GB]; 180 Clifton Drive South, St. Annes, Lancs. FY8 1HQ (GB).

(74) **ADDISON, Ann** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G05D 3/12**(11) **WO 01/73517** (13) A1

(21) PCT/JP01/02427

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-86651 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SERVO CONTROLLING DEVICE AND METHOD
• PROCÉDÉ ET SYSTÈME DE SERVO-COMMANDE

(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) **AKAMATSU, Keizo** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP). **TSURUTA, Kazuhiro** [JP/JP]; c/o KABUSHIKI KAISHA YASKAWA DENKI, 2-1, Kurosaki-shiroishi, Yahatanishi-ku, kitakyushu-shi, Fukuoka 806-0004 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G05F 1/70, H02J 3/38, H02P 9/48**(11) **WO 01/73518** (13) A1

(21) PCT/NO01/00134

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 20001641 **29 Mar/mar 2000 NO (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WIND POWER PLANT HAVING FIXED-SPEED AND VARIABLE-SPEED WINDMILLS
• EOLIENNE A HELICES A VITESSE FIXE ET A VITESSE VARIABLE

(71) **ABB RESEARCH LTD.** [CH/NO]; c/o ABB Corporate Research AS, P.O. Box 90, N-1475 Billingstad (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIHK, Jan** [NO/NO]; ABB Corporate Research AS, P.O. Box 90, N-1375 Billingstad (NO).

(74) **OSLO PATENTKONTOR AS**; P.O. Box 7007 M, N-0306 Oslo (NO).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G05F 3/26**(11) **WO 01/73519** (13) A1

(21) PCT/DE01/01237

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de

(30) 100 15 276.7 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CURRENT GENERATING DEVICE AND VOLTAGE GENERATING DEVICE
• GENERATEUR DE COURANT ET GENERATEUR DE TENSION

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **VERBECK, Michael** [DE/DE]; Von-Gravenreuth-Strasse 35, 81827 München (DE).

(72, 75) **PIOREK, Thomas** [DE/DE]; Fürstener Strasse 199, 81377 München (DE).

(74) **JANNIG, Peter** et al. / etc.; Jannig & Repkow, Klausenberg 20, 86199 Augsburg (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G06F**

(11) **WO 01/73520** (13) A2

(21) PCT/KR01/00491

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 2000/15905 **28 Mar/mar 2000 KR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● INTERNET BINGO GAME METHOD AND SYSTEM CAPABLE OF PROMOTING PERCEPTION AND STUDYING ABILITY

● PROCEDE ET SYSTEME DE JEU DE BINGO CAPABLE DE PROMOUVOIR LA PERCEPTION ET D'ETUDIER L'HABILETE

(71, 72) **BAEG, Chang, Suh** [KR/KR]; 111-501 Jugong Apt., 550 Eunhaing 2-dong, Joongwon-ku, Sungnam-si, Kyoungki-do 462-830 (KR).

(74) **LEE, Jae, Hwa**; 4th Floor, Duck chun Building, 718-10 Yoksam 1-dong, Kangnam-ku, Seoul 135-081 (KR).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F**

(11) **WO 01/73521** (13) A2

(21) PCT/KR01/00506

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 2000/15847 **28 Mar/mar 2000 KR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DELIVERY OPTIMIZATION SYSTEM AND METHOD

● SYSTEME ET PROCEDE D'OPTIMISATION DES LIVRAISONS

(71) **SAMSUNG CORPORATION** [KR/KR]; Taepyung-ro Bldg., 310, 2-ka, Taepyung-ro, Chung-ku, Seoul 100-767 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Ung-Ryul** [KR/KR]; 310, 2-ka, Taepyung-ro, Chung-ku, Seoul 100-102 (KR).

(74) **KIM, Won-Ho**; 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 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F**

(11) **WO 01/73522** (13) A2

(21) PCT/US01/40272

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/538,860 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHODS AND APPARATUS FOR SECURING ACCESS TO A COMPUTER

● PROCEDE ET DISPOSITIF DESTINES A SECURISER L'ACCES A UN ORDINATEUR

(71) **NETFISH TECHNOLOGIES, INC.** [US/US]; Suite 650, 2350 Mission College Blvd., Santa Clara, CA 95054 (US).

(72) **BALABINE, Igor**; 11063 Bel Aire Court, Cupertino, CA 95014 (US).

(74) **BEAMER, Norman, H.** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06F**

(11) **WO 01/73523** (13) A2

(21) PCT/US01/07624

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/534,957 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND SYSTEM FOR DETECTING VIRUSES ON HANDHELD COMPUTERS

● PROCEDE ET SYSTEME DE DETECTION DE VIRUS SUR DES ORDINATEURS PORTATIFS

(71) **MCAFFEE.COM, INC.** [US/US]; 2805 Bowers Avenue, Santa Clara, CA 95054 (US).

(72) **COX, Brian, R.**; 21210 S.W. Winterfield Lane, Aloha, OR 97006 (US). **KIM, Do**; 223 S.E. 113th Ave, Portland, OR 97216 (US). **HAAGENSEN, Brandt**; 3507 S.W. Corbett, Apt. A, Portland, OR 97201 (US).

(74) **KAPLAN, Cindy, S.**; Ritter, Lang & Kaplan LLP, Suite D1, 12930 Saratoga Ave., Saratoga, CA 95070 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F**

(11) **WO 01/73524** (13) A2

(21) PCT/US01/08019

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/536,252 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND APPARATUS FOR CONCATENATING BITS OF ODD-LENGTH WORDS

● PROCEDE ET APPAREIL PERMETTANT DE CONCATENER DES BITS DE MOTS DE LONGUEUR IMPAIRE

(71) **DIVIO, INC.** [US/US]; 997 East Arques Avenue, Sunnyvale, CA 94086 (US).

(72) **WU, Tony, H.**; 966 Sandalridge Court, Milpitas, CA 95035 (US). **WANG, Ren-Yuh**; 7852 Jeanette Court, Cupertino, CA 95014 (US).

(74) **HAUGHEY, Paul, C.** et al. / etc.; Townsend and Townsend and Crew LLP, 2 Embarcadero Center, 8th Floor, San Francisco, CA 94111 (US).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F**

(11) **WO 01/73525** (13) A2

(21) PCT/US01/09625

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/193,046 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/634,136

8 Aug/août 2000 US (08.08.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND APPARATUS FOR PURCHASING PRODUCT OVER AN INTERACTIVE TELEVISION NETWORK

● PROCEDE ET APPAREIL PERMETTANT D'ACHETER UN PRODUIT SUR

UN RESEAU DE TELEVISION INTER-ACTIF

(71) **DIGEO BROADBAND, INC.** [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).

(72) **ISTVAN, Anthony, F.**; 7213 Chanticleer Avenue SE, Snoqualmie, WA 98065 (US). **WILKINS, Lisa, M.**; 9748 Phinney Avenue N, Seattle, WA 98103 (US). **ALLEN, Paul**; 6451 W Mercer Way, Mercer Island, WA 98040 (US).

(74) **CHO, Steve, Y.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F

(11) **WO 01/73526** (13) A2

(21) PCT/US01/09636

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/535,689 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● COMPUTERIZED INTERACTIVE METHOD AND SYSTEM FOR DETERMINING A RISK OF DEVELOPING A DISEASE AND THE CONSEQUENCES OF DEVELOPING THE DISEASE

● PROCEDE ET SYSTEME INTERACTIFS INFORMATISES PERMETTANT DE DETERMINER LE RISQUE DE DEVELOPPER UNE MALADIE ET LES CONSEQUENCES DE CETTE MALADIE

(71) **R & T, LLC** [US/US]; 141 Sandringham Road, Rochester, NY 14610 (US).

(72) **KIRSHNER, Ronald**; 141 Sandringham Road, Rochester, NY 14610 (US).

(74) **LEE, Steven, J.**; Kenyon & Kenyon, 1 Broadway, New York, NY 10004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) **WO 01/73527** (13) A2

(21) PCT/EP01/02920

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 09/537,081 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND APPARATUS FOR CONFIRMING AND REVOKING TRUST IN A MULTI-LEVEL CONTENT DISTRIBUTION SYSTEM

● PROCEDE ET APPAREIL POUR CONFIRMER ET REVOQUER LA CONFIANCE DANS UN SYSTEME DE DISTRIBUTION DE CONTENU MULTINIVEAUX

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **EPSTEIN, Michael**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN IN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 1/00

(11) **WO 01/73528** (13) A2

(21) PCT/US01/10126

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/537,536 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND APPARATUS FOR SENDING AND TRACKING RESUME DATA SENT VIA URL

● PROCEDE ET APPAREIL POUR ENVOYER ET SUIVRE DES CURRICULUM VITAE EXPEDIES PAR LE BIAIS DE LOCALISATEURS DE RESOURCES UNIVERSELS

(71) **BRASSRING INC.** [US/US]; 77 Rumford Avenue, Suite 4, Waltham, MA 02453 (US).

(72) **DANE, Mark**; 12 Agawam Road, Sharon, MA 02067 (US). **HENNESSY, Michael**; 1109 Boylston Street, Chestnut Hill, MA 02467 (US). **CROSSMAN, David, W.**; 15 Wallace Street, Newton, MA 02461 (US).

(74) **HENRY, Steven, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) **WO 01/73529** (13) A2

(21) PCT/US01/07254

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/534,193 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND APPARATUS TO IMPLEMENT THE ACPI (ADVANCED CONFIGURATION AND POWER INTERFACE) C3 STATE IN A RDRAM BASED SYSTEM

● PROCEDE ET APPAREIL DE MISE EN OEUVRE DE L'ETAT C3 D'UNE ACPI (INTERFACE AVANCEE DE CONFIGURATION ET D'ALIMENTATION) DANS UN SYSTEME BASE SUR RDRAM

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **JAIN, Satchitanand**; 558 Crimsonberry Way, San Jose, CA 95129 (US). **SIRIPONG, Sritanyaratana**; 3280 Santa Sophia Court, Union City, CA 94587 (US).

(74) **MALLIE, Michael, J.**; Blakely, Sokoloff, Taylor & Zafman, LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 1/00

(11) **WO 01/73530** (13) A2

(21) PCT/US01/09631

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/536,203 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD, APPARATUS, AND SYSTEM FOR SECURE DATA TRANSPORT

● PROCEDE, DISPOSITIF ET SYSTEME DE TRANSPORT DE DONNEES SECURISE

(71) **SECURIT-E-DOC, INC.** [US/US]; 1689 Forum Place, West Palm Beach, FL 33401 (US).

(72) **BARRON, Robert, H.**; 1025 Morse Blvd., Singer Island, FL 33404 (US).

(74) **SLAVIN, Michael**; McHale & Slavin, P.A., 4440 PGA Blvd., Suite 402, Palm Beach Gardens, FL 33410 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06F 1/26**
(11) **WO 01/73531** (13) A1
(21) PCT/KR01/00530
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) en (26) en
(30) 2000/16477 **30 Mar/mar 2000 KR (30.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● APPARATUS AND METHOD FOR POWER INTEGRATED CONTROL
● DISPOSITIF ET PROCEDE DE COMMANDE INTEGREE DE PUISSANCE

(71) **SEAL-TECH KOREA CO., LTD** [KR/KR]; 2430, Hyundai World Tower, 907 Mok 5-dong, Yangchun-ku, Seoul 158-055 (KR).
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(72, 75) **SUNG, Si-Wook** [KR/KR]; 1017, Hyundai World Tower, 907 Mok 5-dong, Yangchun-ku, Seoul 158-055 (KR).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 1/26**
(11) **WO 01/73532** (13) A2
(21) PCT/US01/09315
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,383 **27 Mar/mar 2000 US (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHODS TO CONTROL THE DROOP WHEN POWERING DUAL MODE PROCESSORS AND ASSOCIATED CIRCUITS
● PROCEDES PERMETTANT DE COMMANDER UNE BAISSÉ D'ALIMENTATION DE PROCESSEURS A DEUX MODES, ET CIRCUITS ASSOCIES

(71) **INTERSIL CORPORATION** [US/US]; 2401 Palm Bay Road, Palm Bay, FL 32905 (US).

(72) **MURATOV, Volodymyr**; 923 Discovery Way, Durham, NC 27703 (US). **COLETTA, Michael**; 22366 Prarie Road, Lake Forest, CA 92630 (US). **WIKTOR, Wlodzimerz**; 917 Bromuen Way, Raleigh, NC 27615 (US).

(74) **NIYOGI, Bidyut**; 95 Bulldog Bvd. Ste 207, Melbourne, FL 32901 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 1/26, 1/28, 1/30, 11/30, 12/14, 15/173, H04L 9/00, 9/32**

(11) **WO 01/73533** (13) A1
(21) PCT/US01/09889
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,426 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM AND METHOD FOR SAFEGUARDING ELECTRONIC FILES AND DIGITAL INFORMATION IN A NETWORK ENVIRONMENT
● SAUVEGARDE DE FICHIERS ELECTRONIQUES ET D'INFORMATIONS NUMERIQUES DANS UN ENVIRONNEMENT DE RESEAU

(71) **THE WINGARD COMPANY** [US/US]; 216 Heatherdown Road, Decatur, GA 30030 (US).
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(72, 75) **WINGARD, Peter, F.** [US/US]; 217 Heatherdown Road, Decatur, GA 30030 (US). **SIMMONS, John, C.** [US/US]; 764 Walnut Bend, Cordova, TN 38138 (US).

(74) **DOUGHERTY, Ralph, H.** et al. / etc.; Dougherty & Clements LLP, Suite 400, 6230 Fairview Road, Charlotte, NC 28210 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 1/32**
(11) **WO 01/73534** (13) A2
(21) PCT/US01/07216
(22) **6 Mar/mar 2001 (06.03.2001)**
(25) en (26) en
(30) 09/534,187 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND APPARATUS TO CONTROL PROCESSOR POWER AND PERFORMANCE FOR SINGLE PHASE LOCK LOOP (PLL) PROCESSOR SYSTEMS
● PROCEDE ET APPAREIL DE GESTION DE L'ENERGIE ET DU FONCTIONNEMENT D'UN PROCESSEUR POUR SYSTEMES MONOPROCESSEURS A BOUCLE A PHASE ASSERVIE (PLL)

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **CHO, Sung-Soo**; 1521 Jasper Drive, Sunnyvale, CA 94087 (US). **JAIN, Satchitanand**; 558 Crimsonberry Way, San Jose, CA 95129 (US).

(74) **MALLIE, Michael, J.**; Blakely, Sokoloff, Taylor & Zafman, LLP, 7th Floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 3/023, H04M 1/00**
(11) **WO 01/73535** (13) A1
(21) PCT/JP01/02457
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-86887 **27 Mar/mar 2000 JP (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● INPUT METHOD FOR CHARACTERS AND THE LIKE
● PROCEDE D'ENTREE DE CARACTERES ET ANALOGUE

(71) **OHTA, Kazuhiko** [JP/JP]; 5-2-1908, Ikejima 3-chome, Minato-ku, Osaka-shi, Osaka 552-0015 (JP).
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(71, 72) **KANEDA, Yojiro** [JP/JP]; Kawai Mansion 203, 1-11-18, Uchindai-cho, Miyakojima-ku, Osaka-shi, Osaka 534-0013 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2-22, Tanimachi 2-chome, Chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 3/023

(11) WO 01/73536 (13) A2

(21) PCT/US01/09935

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 09/536,543 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ELECTRONIC INFORMATION RETRIEVAL DEVICE AND PROCESS THEREFOR

• DISPOSITIF ELECTRONIQUE D'EXTRACTION D'INFORMATIONS ET PROCEDE ASSOCIE

(71) FERITECH, INC. [US/US]; 725 Glen Cove Avenue, Glen Cove, NY 11545 (US).

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(72, 75) EISNER, Ili [US/US]; 112 Soundview Drive, Port Washington, NY 11050 (US).

(74) COLLARD, Allison et al. / etc.; 1077 Northern Blvd., Roslyn, NY 11050 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 3/06

(11) WO 01/73537 (13) A2

(21) PCT/EP01/02822

(22) 13 Mar/mar 2001 (13.03.2001)

(25) en (26) en

(30) 00201075.9 24 Mar/mar 2000 EP (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM FOR AND METHOD OF ACCESSING BLOCKS ON A STORAGE MEDIUM

• SYSTEME ET PROCEDE PERMETTANT D'ACCEDER A DES BLOCS SUR UN SUPPORT DE STOCKAGE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) KORST, Johannes, H., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LAMBERT, Nicolaas; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). TOL, Ronald, M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). DENISSEN, Adrianus, J., M.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). BIJSTERVELD, Marcel, L., L.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). LI, Hong; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JOCHEMSEN, Robert; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) GRAVENDEEL, Cornelis; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 3/06, 12/08, G11B 20/10, H04N 5/85

(11) WO 01/73538 (13) A1

(21) PCT/JP01/02735

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-99040 31 Mar/mar 2000 JP (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DISK MEMORY DEVICE, DATA PRE-READ METHOD, AND RECORDED MEDIUM

• DISPOSITIF DE MEMOIRE DE DISQUE, PROCEDE DE LECTURE PREALABLE DE DONNEES, ET SUPPORT ENREGISTRE

(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) TAKAICHI, Noriaki [JP/JP]; 235-1-306, Kitagawa, Saijo-shi, Ehime 793-0042 (JP).

(74) HAYASE, Kenichi; Hayase & Co. Patent Attorneys, 8F, Esaka ANA Bldg., 17-1, Enokicho, Suita-shi, Osaka 564-0053 (JP).

(81) CN ID KR SG US.

(51)⁷ G06F 3/12

(11) WO 01/73539 (13) A1

(21) PCT/JP00/01954

(22) 29 Mar/mar 2000 (29.03.2000)

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PRINTING METHOD

• PROCEDE D'IMPRESSION

(71) HITACHI, LTD. [US/US]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (US).

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(72, 75) NAKATANI, Takeshi [JP/JP]; Systems Development Laboratory, Hitachi, Ltd., 1099, Ouzenji, Asao-ku, Kawasaki-shi, Kanagawa 215-0013 (JP). MURATA, Tomohiro [JP/JP]; Systems Development Laboratory, Hitachi, Ltd., 1099, Ouzenji, Asao-ku, Kawasaki-shi, Kanagawa 215-0013 (JP). MIURA, Masaya [JP/JP]; Government

& Public Corporation Information Systems Division, Hitachi, Ltd., 6-27, Shinsuna 1-chome, Koutou-ku, Tokyo 136-8632 (JP).

(74) SAKUTA, Yasuo; Hitachi, Ltd., 5-1, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8220 (JP).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 5/00

(11) WO 01/73540 (13) A2

(21) PCT/US01/07219

(22) 6 Mar/mar 2001 (06.03.2001)

(25) en (26) en

(30) 09/538,386 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR TIMING-DEPENDENT TRANSFERS USING FIFOS

• PROCEDE ET APPAREIL DE TRANSFERT TEMPORISE PAR L'APPLICATION DE FIFO

(71) INTEL CORPORATION [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95202 (US).

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(72, 75) VOLK, Andrew, M. [—/US]; 7380 Sierra Ponds Lane, Granite Bay, CA 95746 (US). WILLIAMS, Michael [—/US]; 8386 Zancanaro Court, Citrus Heights, CA 95610 (US). MCDONNELL, David, J. [—/US]; 9137 Shady Hollow Way, Fair Oaks, CA 95628 (US).

(74) MALLIE, Michael, J.; Blakely, Sokoloff, Taylor & Zafman, LLP, 12400 Wilshire Boulevard, 7th floor, Los Angeles, CA 90025 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 7/00, G06K 7/10

(11) WO 01/73541 (13) A1

(21) PCT/US01/09172

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(30) 09/538,868 **29 Mar/mar 2000** US
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR CAP-
TURING PERSONAL DATA USING A
BAR CODE SCANNER
• PROCEDE ET APPAREIL DE SAISIE
DE DONNEES PERSONNELLES PAR
UN LECTEUR DE CODE-BARRES

(71) **SPORTBRAIN, INC.** [US/US]; 785 Palomar Avenue, Sunnyvale, CA 94086 (US).
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(72, 75) **BIBL, Andreas** [US/US]; 588 Harrington Avenue, Los Altos, CA 94024 (US). **GARDNER, Deane** [US/US]; 22321 Cupertino Road, Cupertino, CA 95014 (US). **HIGGINSON, John** [US/US]; 2826 Forbes Avenue, Santa Clara, CA 95051 (US). **KUROBE, Mitsuo** [JP/JP]; 2-5-33, Moto-Azabu, Minatu-ku, Tokyo 106 (JP). **MARTIN, Robert, Brett** [US/US]; 908 Exmoor Way, Sunnyvale, CA 94087 (US). **HICKFORD, Michele** [US/US]; 209 San Pedro Circle, San Jose, CA 95110 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ **G06F 7/58**

(11) **WO 01/73542** (13) A1

(21) PCT/IE01/00042

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) S2000/0237 **29 Mar/mar 2000** IE
(**29.03.2000**)

(30) S2000/0620 **3 Aug/août 2000** IE
(**03.08.2000**)

(30) S2000/0863 **26 Oct/oct 2000** IE
(**26.10.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RANDOM NUMBER GENERATION
• GENERATION DE NOMBRES ALEATOIRES

(71) **FENG SHUI, INC.** [—/—]; c/o Logborg Corporate Services Limited, Chancery Court, P.O. Box 209, Leward Highway, Providenciales (TC).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STARUIALA, Gerald** [CA/IE]; Tait Business Center, Suite 28, Dominic Street, County Limerick (IE). **MCROBERTS, James, Edward** [GB/IE]; Tait Business

Center, Suite 28, Dominic Street, County Limerick (IE).

(74) **COYLE, Philip, A.**; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G06F 9/00**

(11) **WO 01/73543** (13) A2

(21) PCT/IB01/00648

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) 09/539,989 **30 Mar/mar 2000** US
(**30.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND SYSTEM FOR FAST ON SITE DEPLOYMENT OF COMPUTER EQUIPMENT IN A NETWORK COMPUTER ENVIRONMENT

• PROCEDE ET SYSTEME RELATIFS A UN DEPLOIEMENT SUR SITE D'UN EQUIPEMENT INFORMATIQUE DANS UN ENVIRONNEMENT INFORMATIQUE EN RESEAU

(71) **SI AUTOMATION** [FR/FR]; PARC Euromédecine Expansion, Bât D, 95, rue Pierre Flourens, F-34000 Montpellier (FR).

(72) **RAYMOND, Thierry**; 353, rue Croix de Guillery, F-34790 Grabels (FR). **MOUSTIES, Richard**; 159, rue des Placettes, F-34270 St Mathieu de Treviers (FR). **BELLAMY, Fabrice**; 617, rue de Bugarel, Les Hauts d'Argency, Bât D 10, F-34070 Montpellier (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Régimbeau, 20, rue de Chazelles, F-75847 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 9/00, 15/173, 17/00, 17/30**

(11) **WO 01/73544** (13) A1

(21) PCT/US00/07983

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR DATABASES AND PROGRAMMING LANGUAGES

• SYSTEME ET PROCEDE POUR BASES DE DONNEES ET LANGAGES DE PROGRAMMATION

(71, 72) **XU, Kevin, Houzhi** [CN/US]; 164 West High Street, Bound Brook, NJ 08805 (US).

(81) CN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **G06F 9/00**

(11) **WO 01/73545** (13) A2

(21) PCT/US01/10060

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/538,543 **30 Mar/mar 2000** US
(**30.03.2000**)

(30) 09/539,023 **30 Mar/mar 2000** US
(**30.03.2000**)

(30) 09/539,448 **30 Mar/mar 2000** US
(**30.03.2000**)

(30) 09/539,428 **30 Mar/mar 2000** US
(**30.03.2000**)

(30) 09/539,106 **30 Mar/mar 2000** US
(**30.03.2000**)

(30) 09/538,542 **30 Mar/mar 2000** US
(**30.03.2000**)

(30) 09/539,107 **30 Mar/mar 2000** US
(**30.03.2000**)

(30) 09/603,740 **23 Jun/juin 2000** US
(**23.06.2000**)

(30) 06/602,789 **23 Jun/juin 2000** US
(**23.06.2000**)

(30) 09/602,803 **23 Jun/juin 2000** US
(**23.06.2000**)

(30) 09/602,844 **23 Jun/juin 2000** US
(**23.06.2000**)

(30) 09/602,983 **23 Jun/juin 2000** US
(**23.06.2000**)

(30) 09/648,832 **25 Aug/août 2000** US
(**25.08.2000**)

(30) 09/794,969 **27 Feb/fév 2001** US
(**27.02.2001**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MASSIVELY DISTRIBUTED PROCESSING SYSTEM AND ASSOCIATED METHODS

• SYSTEME DE TRAITEMENT MASSIVEMENT REPARTI ET METHODES CONNEXES

(71) **UNITED DEVICES, INC.** [US/US]; Building A, 12675 Research Boulevard, Austin, TX 78759 (US).

(72) **HUBBARD, Edward, A.**; 3105 Scarlet Oak Cove, Round Rock, TX 78664 (US). **MANDYAM, Sriram, S.**; 3908 Michael Neill Drive, Austin, TX 78730 (US).

(74) **PETERMAN, Brian, W.**; O'Keefe, Egan & Peterman, LLP, 1101 Capital of Texas Highway South, Suite C-200, Austin, TX 78749 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM

- DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 9/00**
- (11) **WO 01/73546** (13) A2
- (21) PCT/US01/09429
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,147 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • INDUSTRIAL AUTOMATION SYSTEM GRAPHICAL PROGRAMMING LANGUAGE STORAGE AND TRANSMISSION
- MEMORISATION ET TRANSMISSION EN LANGAGE DE PROGRAMMATION GRAPHIQUE POUR SYSTEMES INDUSTRIELS D'AUTOMATISATION
- (71) **SIEMENS ENERGY & AUTOMATION, INC.** [US/US]; 3333 Old Milton Parkway, Alpharetta, GA 30005-4437 (US).
- (72) **MUENZEL, Georg**; 48 Parker Road, Plainsboro, NJ 08536 (US).
- (74) **ASPERAS, I., Marc** et al. / etc.; Siemens Corporation - Intellectual Property Dept., 186 Wood Ave. South, Iselin, NJ 08830 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 9/00**
- (11) **WO 01/73547** (13) A2
- (21) PCT/US01/09487
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/193,003 **29 Mar/mar 2000 US (29.03.2000)**
- (30) 60/193,007 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD OF PROVIDING A MESSAGING ENGINE FOR AN ENTERPRISE JAVABEANS ENABLED SERVER TO ACHIEVE CONTAINER MANAGED ASYNCHRONOUS FUNCTIONALITY
- SYSTEME ET PROCEDE DE PRODUCTION D'UN MOTEUR DE MESSAGERIE POUR UN SERVEUR JAVABEANS D'ENTREPRISE PERMETTANT L'OBTENTION D'UNE FONCTIONNALITE ASYNCHRONE GEREE PAR DES CONTENEURS
- (71) **NEXTSET SOFTWARE INC.** [US/US]; 925 Commercial Street, Palo Alto, CA 94303 (US).
- (72) **SUDARSHAN, Krishna**; 21251 Gardena Drive, Cupertino, CA 95014 (US). **SHEKHAR, Anurag**; 301 Pranjali Apartment, West Boring Canal Road, Patna 800 001 (IN). **PACHAIPANDIAN, Moses**; 151 Big Street, Triplicane, Chennai 600 005 (IN). **JAYACHANDRAN, Ramakrishnan**; 7 Indriani Street, Ayyavoo Naidu Colony, Aminjikarani, Chennai 600 029 (IN). **MAHARAJAN, Skandarajah**; The Atrium Apartment No D103,49, Kalakshetra Road, Thiruvanniyur, Chennai 600 041 (IN).
- (74) **VAKIL, Ketan, S.**; Sheppard Mullin Richter & Hampton LLP, 48th floor, 333 South Hope Street, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 9/44**
- (11) **WO 01/73548** (13) A1
- (21) PCT/US01/09930
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,431 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR METAPROGRAMMING SOFTWARE DEVELOPMENT ENVIRONMENT
- SYSTEME ET PROCEDE DE METAPROGRAMMATION D'UN ENVIRONNEMENT DE DEVELOPPEMENT LOGICIEL
- (71) **METANOLOGY CORPORATION** [US/US]; 4625 Alexander Drive, Suite 200, Alpharetta, GA 30022 (US).
- (72) **ZYGMONT, David, A.**; 360 Dashing Wave Lane, Alpharetta, GA 30005 (US). **WANG, Wei**; 1410 Portmarnock Drive, Alpharetta, GA 30005 (US).
- (74) **FLOAM, D., Andrew** et al. / etc.; Needle & Rosenberg, P.C., Suite 1200, 127 Peachtree Street, N.E., Atlanta, GA 30303-1811 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG
- SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 9/44**
- (11) **WO 01/73549** (13) A1
- (21) PCT/US01/09936
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/537,813 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • OPTIMIZATION OF AN EXISTING APPLICATION SOFTWARE PACKAGE
- OPTIMISATION D'UN PROGICIEL D'APPLICATION EXISTANT
- (71, 72) **PICH, Eva** [DE/US]; 531 Avalon Gardens Drive, Nanuet, NY 10954 (US). **NASE, Rainer** [DE/DE]; Schlossberg Strasse 6A, 6280 Sulzbach (DE).
- (74) **SOFER, Joseph**; Sofer & Haroun, LLP, 342 Madison Ave., 1921, New York, NY 10173 (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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 9/46, 9/44**
- (11) **WO 01/73550** (13) A2
- (21) PCT/US01/09379
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/193,003 **29 Mar/mar 2000 US (29.03.2000)**
- (30) 60/193,007 **29 Mar/mar 2000 US (29.03.2000)**
- (30) 60/193,006 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD OF GENERATING AND USING PROXY BEANS
- SYSTEME ET PROCEDE DE CREATION ET D'UTILISATION DE "FEVES" MANDATAIRES
- (71) **NEXTSET SOFTWARE INC.** [US/US]; 925 Commercial Street, Palo Alto, CA 94303 (US).
- (72) **SUDARSHAN, Krishna**; 21251 Gardena Drive, Cupertino, CA 95014 (US). **SHEKHAR, Anurag**; 301 Pranjali Apartment, West Boring Canal Road, Patna 800

001 (IN). **PACHAIPANDIAN, Moses**; 151 Big Street, Triplicane, Chennai 600 005 (IN).

(74) **VAKIL, Ketan, S.**; Sheppard Mullin Richter & Hampton LLP, 48th floor, 333 South Hope Street, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 9/46

(11) **WO 01/73551** (13) A2

(21) PCT/US01/09486

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/193,003 **29 Mar/mar 2000 US (29.03.2000)**

(30) 60/193,007 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD OF PROVIDING AN ASYNCHRONOUS INTERFACE BETWEEN A CLIENT SYSTEM AND AN ENTERPRISE JAVABEANS-ENABLED SERVER

• SYSTEME ET PROCEDE PERMETTANT D'ASSURER UNE INTERFACE ASYNCHRONE ENTRE UN SYSTEME CLIENT ET UN SERVEUR JAVABEANS D'ENTREPRISE

(71) **NEXTSET SOFTWARE INC.** [US/US]; 925 Commercial Street, Palo Alto, CA 94303 (US).

(72) **SUDARSHAN, Krishna**; 21251 Gardena Drive, Cupertino, CA 95014 (US). **SHEKHAR, Anurag**; 301 Pranjali Apartment, West Boring Canal Road, Patna 800 001 (IN). **PACHAIPANDIAN, Moses**; 151 Big Street, Triplicane, Chennai 600 005 (IN). **JAYACHANDRAN, Ramakrishnan**; 7 Indriani Street, Ayyavoo Naidu Colony, Aminjikarani, Chennai 600 029 (IN). **MAHARAJAN, Skandarajah**; The Atrium Apartment No D103,49, Kalakshetra Road, Thiruvanniyur, Chennai 600 041 (IN).

(74) **VAKIL, Ketan, S.**; Sheppard Mullin Richter & Hampton Llp, 48th floor, 333 South Hope Street, Los Angeles, CA 90071 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 9/48

(11) **WO 01/73552** (13) A2

(21) PCT/DE01/01067

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 15 693.2 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ARRANGEMENT AND METHOD FOR REDUCING THE PROCESSING TIME OF A DATA PROCESSING DEVICE

• DISPOSITIF ET PROCEDE VISANT A REDUIRE LE TEMPS DE TRAITEMENT D'UN DISPOSITIF DE TRAITEMENT DE DONNEES

(71) **FUJITSU SIEMENS COMPUTERS GMBH** [DE/DE]; Otto-Hahn-Ring 6, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEMARTER, Nikolaus** [DE/DE]; Sachsenstrasse 6, 86507 Oberottmarshausen (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 11/00, 15/173, 11/30, H04L 9/00

(11) **WO 01/73553** (13) A1

(21) PCT/US01/09689

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,365 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTERNET/NETWORK SECURITY METHOD AND SYSTEM FOR CHECKING SECURITY OF A CLIENT FROM A REMOTE FACILITY

• PROCEDE ET SYSTEME INTERNET/RESEAU SECURISES PERMETTANT DE VERIFIER LA SECURITE D'UN CLIENT A PARTIR D'UN SYSTEME DISTANT

(63) US 60/192,365 (CIP) **27 Mar/mar 2000 (27.03.2000)**

(71) **NETWORK SECURITY SYSTEMS, INC.** [US/US]; 6426 Constitution Road, Schnecksville, PA 18078 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAUL, Stephen, F., Jr.** [US/US]; Network Security Systems, Inc., 6426 Constitution Road, Schnecksville, PA 18078 (US). **GAUL, Donna, F.** [US/US]; Network Security Systems, Inc., 6426 Constitution Road, Schnecksville, PA 18078 (US).

(74) **PEPPER HAMILTON, LLP**; 600 Fourteenth Street, NW, Washington, DC 20005-2004 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR

HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ G06F 11/14

(11) **WO 01/73554** (13) A2

(21) PCT/US01/09598

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/537,698 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AUTOMATIC STAND ALONE RECOVERY FOR PEER TO PEER REMOTE COPY (PPRC) OPERATIONS

• RECUPERATION AUTONOME AUTOMATIQUE DESTINEE A DES OPERATIONS DE COPIES A DISTANCE POINT-A-POINT (PPRC)

(71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; Wayne P. Bailey, One StorageTek Drive, MS-4309, Louisville, CO 80028-4309 (US).

(72) **MILILLO, Michael, S.**; 884 West Mulberry Street, Louisville, CO 80027 (US). **HOSTETTER, David, G.**; 285 Boulder View Road, Boulder, CO 80302 (US). **PRIVRATSKY, Brad, D.**; 4333 East 118th Avenue, Thornton, CO 80223 (US). **JOHNSON, Jennifer, T.**; 473 Fred Road, Boulder, CO 80302 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 11/30

(11) **WO 01/73555** (13) A1

(21) PCT/US01/09162

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/538,517 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TRANSCEIVER DEVICE AND METHOD

• PROCEDE ET SYSTEME D'EMISSION-RECEPTION

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

- (72) **MARUO, Jun**; Tomigaya, Shibuya-Ku, Tokyo 1-88-15-303 (JP). **KAGAMI, Atsushi**; Ru #402, Komagome, Toshima-Ku, Tokyo 4-12-10 (JP).
- (74) **GALLENSON, Mavis** et al. / etc.; Ladas & Parry, 5670 Wilshire Blvd., Suite 2100, Los Angeles, CA 90036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 12/02**
- (11) **WO 01/73556** (13) A1
- (21) PCT/GB01/01375
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 0007493.0 **28 Mar/mar 2000 GB (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● GARBAGE COLLECTION
● RECUPERATION D'ESPACE MEMOIRE
- (71) **TAO GROUP LIMITED** [GB/GB]; 62/63 Suttons Business Park, Earley, Reading RG6 1AZ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAYWARD, Andrew** [GB/GB]; Chapel Cottage, Rectory Road, Sreatley, Berkshire RG8 9QH (GB).
- (74) **MAGGS, Michael, Norman** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 12/14**
- (11) **WO 01/73557** (13) A1
- (21) PCT/AU01/00350
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) PQ 6544 **28 Mar/mar 2000 AU (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● AUTHORISING USE OF A COMPUTER PROGRAM
● AUTORISATION D'UTILISATION D'UN PROGRAMME INFORMATIQUE
- (71) **OPTIMISER PTY. LTD.** [AU/AU]; 355 Scarborough Beach Road, Osborne Park, W.A. 6017 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MULLINS, Leo, Joseph** [AU/AU]; 2 Pinegrove Mews, Currambine, W.A. 6028 (AU).
- (74) **GRIFFITH HACK**; Level 6, 256 Adelaide Terrace, Perth, W.A. 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 13/00, 3/12**
- (11) **WO 01/73558** (13) A1
- (21) PCT/JP01/02449
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) ja (26) ja
- (30) 2000/86517 **27 Mar/mar 2000 JP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYSTEM FOR MANAGING DEVICE CONNECTED TO NETWORK
● SYSTEME DE GESTION DE DISPOSITIF RACCORDE A UN RESEAU
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NAKAMURA, Junichi** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **MURATA, Akio** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **ASAHI, Tsunemori** [JP/JP]; c/o Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) **IGARASHI, Takao** et al. / etc.; Mitsui-Sumitomo Bank Bldg. 7th Floor, 18-19, Nishiki 2-chome, Naka-ku, Nagoya-shi, Aichi 460-0003 (JP).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 13/00, 15/00, 12/14**
- (11) **WO 01/73559** (13) A1
- (21) PCT/JP01/02515
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-92496 **29 Mar/mar 2000 JP (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● NETWORK SECURITY SYSTEM
● SYSTEME DE SECURITE DE RESEAU
- (71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).
- (72) **GOTO, Eriko**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP). **OSHIMA, Yasuhiro**; c/o EPSON DIRECT CORPORATION, 3-5, Owa 3-Chome, Suwa-shi, Nagano 392-8502 (JP). **SHIBUSAWA, Yasuo**; c/o EPSON DIRECT CORPORATION, 3-5, Owa 3-Chome, Suwa-shi, Nagano 392-8502 (JP).
- (74) **KAMIYANAGI, Masataka** et al. / etc.; c/o Intellectual Property Department, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 13/00, 15/00**
- (11) **WO 01/73560** (13) A1
- (21) PCT/JP01/02725
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-96814 **31 Mar/mar 2000 JP (31.03.2000)**
- (30) 2000-96843 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● CONTENTS PROVIDING SYSTEM
● SYSTEME FOURNISSEUR DE CONTENUS
- (71) **KYOCERA COMMUNICATION SYSTEMS, CO., LTD.** [JP/JP]; 5-22, Kitainoue-cho, Higashino, Yamashina-ku, Kyoto-shi, Kyoto 607-8141 (JP).
- (72) **TOKUMARU, Hiroshi**; c/o KYOCERA COMMUNICATION SYSTEMS, Co., Ltd., 5-22, Kitainoue-cho, Higashino, Yamashina-ku, Kyoto-shi, Kyoto 607-8141 (JP). **YOSHIDA, Hiroshi**; c/o KYOCERA COMMUNICATION SYSTEMS, Co., Ltd. Ichigaya Office, 4-7-15, Kudanminami, Chiyoda-ku, Tokyo 102-0074 (JP). **OZAWA, Kouichi**; c/o KYOCERA COMMUNICATION SYSTEMS, Co., Ltd., 5-22, Kitainoue-cho, Higashino, Yamashina-ku, Kyoto-shi, Kyoto 607-8141 (JP).
- (74) **FURUTANI, Hideo** et al. / etc.; TEK No. 2 Building, 23-20, Esaka-cho 1-chome, Suita-shi, Osaka 564-0063 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM

DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ G06F 13/00, 15/00

(11) WO 01/73561 (13) A1
(21) PCT/JP01/02726
(22) 30 Mar/mar 2001 (30.03.2001)
(25) ja (26) ja
(30) 2000-098106 31 Mar/mar 2000 JP
(31.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • CONTENTS SERVER DEVICE
• SERVEUR DE CONTENUS

(71) KYOCERA COMMUNICATION SYS-
TEMS, CO., LTD. [JP/JP]; 5-22, Kitain-
oue-cho, Higashino, Yamashina-ku, Ky-
oto-shi, Kyoto 607-8141 (JP).

(72) TOKUMARU, Hiroshi; c/o Kyocera Com-
munication Systems, Co., Ltd., 5-22, Ki-
tainoue-cho, Higashino, Yamashina-ku,
Kyoto-shi, Kyoto 607-8141 (JP). OZAWA,
Kouichi; c/o Kyocera Communication Sys-
tems, Co., Ltd., 5-22, Kitainoue-cho, Hi-
gashino, Yamashina-ku, Kyoto-shi, Kyoto
607-8141 (JP).

(74) FURUTANI, Hideo et al. / etc.; TEK No.2
Building, 23-20, Esaka-cho 1-chome, Suita-
shi, Osaka 564-0063 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ G06F 13/00, 15/00

(11) WO 01/73562 (13) A1
(21) PCT/JP01/02727
(22) 30 Mar/mar 2001 (30.03.2001)
(25) ja (26) ja
(30) 2000-097541 31 Mar/mar 2000 JP
(31.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • CONTENT SERVER DEVICE
• SERVEUR DE CONTENU

(71) KYOCERA COMMUNICATION SYS-
TEMS, CO., LTD. [JP/JP]; 5-22, Kitain-
oue-cho, Higashino, Yamashina-ku, Ky-
oto-shi, Kyoto 607-8141 (JP).

(72) TOKUMARU, Hiroshi; c/o KYOCERA
COMMUNICATION SYSTEMS, Co.,
Ltd., 5-22, Kitainoue-cho, Higashino, Ya-
mashina-ku, Kyoto-shi, Kyoto 607-8141 (JP).
OZAWA, Kouichi; c/o KYOCERA COM-
MUNICATION SYSTEMS, Co., Ltd., 5-22,
Kitainoue-cho, Higashino, Yamashina-ku,
Kyoto-shi, Kyoto 607-8141 (JP).

(74) FURUTANI, Hideo et al. / etc.; TEK No.2
Building, 23-20, Esaka-cho 1-chome, Suita-
shi, Osaka 564-0063 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ G06F 13/00, 13/38

(11) WO 01/73563 (13) A1
(21) PCT/US01/02542
(22) 25 Jan/jan 2001 (25.01.2001)
(25) en (26) en
(30) 09/535,028 24 Mar/mar 2000 US
(24.03.2000)
(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A SYSTEM AND METHOD FOR IN-
CREASING DATA PACKET TRANSFER
RATE IN A COMPUTER NETWORK
• SYSTEME ET PROCEDE PERMET-
TANT D'AUGMENTER LA VITESSE
DE TRANSFERT DE DONNEES DANS
UN RESEAU INFORMATIQUE

(71) DOTROCKET, INC. [US/US]; 1901 S. Bas-
com Avenue, Suite 300, Campbell, CA 95008
(US).

(72) WYLAND, David, C.; 15213 Bowden
Court, Morgan Hill, CA 95037 (US).
COUSINS, Robert, E.; 14330 Cordwood
Court, Saratoga, CA 95070 (US). CHAYUT,
Ira; P.O. Box 700100, San Jose, CA 95170
(US).

(74) SCHNECK, Thomas; Law Offices of
Thomas Schneck, P.O. Box 2-E, San Jose,
CA 95109-0005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ G06F 13/00

(11) WO 01/73564 (13) A1
(21) PCT/US01/08714

(22) 16 Mar/mar 2001 (16.03.2001)
(25) en (26) en
(30) 09/535,047 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR PRO-
VIDING BROADBAND CONTENT TO
HIGH-SPEED ACCESS SUBSCRIBERS
• SYSTEME ET PROCEDE PERMET-
TANT DE FOURNIR UN CONTENU
LARGE BANDE A DES ABONNES BE-
NEFICIAINT D'UN ACCES GRANDE
VITESSE

(71) COVAD COMMUNICATIONS GROUP,
INC. [US/US]; 2330 Central Expressway,
Santa Clara, CA 95050 (US).

(72) RAJAKARUNANAYAKE, Yasantha;
2191 Goldenrod Lane, San Ramon, CA
94583 (US). WETZEL, Gregory, F.; 328 N.
Market Street, Apt. 341, San Jose, CA 95110
(US).

(74) KUO, Jung-hua; Attorney at Law, P.O. Box
3275, Los Altos, CA 94024 (US).

(81) SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ G06F 13/00

(11) WO 01/73565 (13) A1
(21) PCT/US01/08887
(22) 20 Mar/mar 2001 (20.03.2001)
(25) en (26) en
(30) 09/534,962 27 Mar/mar 2000 US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR CUS-
TOMIZED CONTENT DELIVERY
• SYSTEME ET PROCEDE DE REMISE
DE CONTENU PERSONNALISE

(71) ISP FOCUS LTD. [IL/IL]; 2 Kaplan Street,
Tel Aviv 64734 (IL).
(for all designated States except / pour tous
les États désignés sauf US)

(71) FRIEDMAN, Mark, M. [US/IL]; 1 Alharizi
Street, Raanana 43406 (IL).
(only for / seulement pour TJ)

(72, 75) VEKSLAR, Gady [IL/IL]; 15 Adir
Street, Reut 71908 (IL). ERNEST, Guy
[IL/IL]; 12 Bart Street, Tel Aviv 69104 (IL).

(74) FRIEDMAN, Mark, M.; c/o Castorina, An-
thony, Suite 207, 2001 Jefferson Davis High-
way, 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ G06F 13/00

- (11) **WO 01/73566** (13) A2
(21) PCT/US01/09521
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 09/537,066 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • ELECTRONIC CIRCUITS WITH DYNAMIC BUS PARTITIONING
• CIRCUITS ELECTRONIQUES A PARTITIONNEMENT DYNAMIQUE DU BUS
(71) **ANALOG DEVICES, INC.** [US/US]; One Technology Way, P.O. Box 9106, Norwood, MA 02062-9106 (US).
(72) **WERTHEIM, Elon**; Habariach 7, Hod Hasharon (IL). **OLOFSSON, Andreas, Daniel**; Pasternack 3, Apartment 50, 61650 Tel Aviv (IL).
(74) **MCCLELLAN, William, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
(81) JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06F 13/10

- (11) **WO 01/73567** (13) A1
(21) PCT/US01/10136
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 09/537,901 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • SECURE COMPACT DISC TECHNOLOGY
• TECHNIQUE DE SECURISATION DE CD
(71) **OAK TECHNOLOGY, INC.** [US/US]; 139 Kifer Court, Sunnyvale, CA 94086 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SALMONSEN, Daniel, R.** [US/US]; 1278 Hazlett Way, San Jose, CA 95131 (US). **SHULSINGER, Don** [US/US]; 22 Silver Birch Road, MA (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 13/38

- (11) **WO 01/73568** (13) A1
(21) PCT/US01/07224
(22) **6 Mar/mar 2001 (06.03.2001)**
(25) en (26) en
(30) 09/537,087 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • APPARATUS AND METHOD FOR DEDICATED INTERCONNECTION OVER A SHARED EXTERNAL BUS
• APPAREIL ET PROCEDE POUR INTERCONNEXION SPECIALISEE SUR UN BUS EXTERIEUR PARTAGE
(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ABRAMSON, Darren, L.** [US/US]; 1301 Fogerty Court, Folsom, CA 95630 (US). **HOSLER, Brad, W.** [US/US]; 11243 N.W. East Road, Portland, OR 97229 (US). **MCTAGUE, Michael, J.** [US/US]; 3606 N.E. Klickitat Street, Portland, OR 97212 (US). **RASMUSSEN, Norman, J.** [US/US]; 30685 N.W. Zimmerman Lane, Hillsboro, OR 97124 (US).
(74) **ALTMILLER, John, C.**; Kenyon & Kenyon, Suite 600, 333 W. San Carlos Street, San Jose, CA 95110 (US) et al. / etc.
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (74) **ALTMILLER, John, C.**; Kenyon & Kenyon, Suite 600, 333 W. San Carlos Street, San Jose, CA 95110 (US) et al. / etc.

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G06F 15/00, 13/00, H04M 3/42

- (11) **WO 01/73569** (13) A1
(21) PCT/JP01/02431
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) ja (26) ja
(30) 2000/86838 **27 Mar/mar 2000 JP (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • DATA DISTRIBUTION TERMINAL, MENU SERVER, AND DISTRIBUTION RESERVATION SYSTEM USING THEM
• TERMINAL DE DISTRIBUTION DE DONNEES, SERVEUR DE MENU, ET SYSTEME DE RESERVATION DE DISTRIBUTION LES UTILISANT
(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) **HIGUCHI, Takeshi** [JP/JP]; 42-3, Nobakushinden, Hozumi-cho, Motosu-gun, Gifu 501-0231 (JP). **HORI, Yoshihiro** [JP/JP]; 5-1-12, Kuramae, Gifu-shi, Gifu 500-8233 (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00

- (11) **WO 01/73570** (13) A1
(21) PCT/KR01/00474
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) ko (26) en
(30) 2000/16534 **30 Mar/mar 2000 KR (30.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • PORTABLE DATA STORAGE APPARATUS
• APPAREIL DE STOCKAGE DE DONNEES PORTATIF
(71) **TELEGATE** [KR/KR]; Room 301, Sunjin Building, 82-8, Yangjae-dong, Seocho-ku, Seoul 137-130 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KIM, Jung-ryul** [KR/KR]; Unit 603-1608, Hyundai Apartment District 6, Kuwi-dong, Kangjin-ku, Seoul 137-130 (KR).
(74) **LEE, Jun-seo**; KCL, 10th Floor, Korea Coal Center 80-6, Susong-dong, Chongro-ku, Seoul 110-727 (KR).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 15/00

- (11) **WO 01/73571** (13) A1
(21) PCT/US01/08583
(22) **16 Mar/mar 2001 (16.03.2001)**
(25) en (26) en
(30) 60/192,403 **27 Mar/mar 2000 US (27.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR ADDING USER-DEFINED EXECUTION UNITS TO A PROCESSOR USING CONFIGURABLE LONG INSTRUCTION WORD (CLIW)
- PROCEDE ET APPAREIL PERMETTANT D'AJOUTER DES UNITES D'EXECUTION DEFINIES PAR L'UTILISATEUR A UN PROCESSEUR AU MOYEN D'INSTRUCTIONS CLIW

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; Postfach 800949, 81609 Munich (DE).
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(71) **FRIEDMAN, Mark, M.** [US/IL]; Alharizi 1, 43406 Raanana (IL).
(only for / seulement pour TJ)

(72, 75) **ROSIN, Eyal** [IL/IL]; Gazit St. 12, 48541 Rosh Haayin (IL). **HERVIGO, Regis** [FR/FR]; "La Pinede", 1, avenue des Pins, 06140 Vence (FR). **GRANOT, Haim** [IL/IL]; Hinanit St. 71, 42842 Bat Hefer (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 Jefferson Davis Highway, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 15/16**
(11) **WO 01/73572** (13) A1
(21) PCT/KR00/00652
(22) **22 Jun/juin 2000 (22.06.2000)**
(25) en (26) en
(30) 2000/0016103 **29 Mar/mar 2000 KR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● TRANSMISSION SYSTEM AND METHOD FOR MULTIPLE PICTURES
- SYSTEME DE TRANSMISSION ET PROCEDE POUR IMAGES MULTIPLES

(71, 72) **KWON, So** [KR/KR]; 202 Saehan Villa, 346-36, Hwagok 1-dong, Kangseo-gu, Seoul 157-011 (KR).

(74) **PARK, Won, Yong**; 6F, Yosam Building, 648-23, Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(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 KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06F 15/16**
(11) **WO 01/73573** (13) A1
(21) PCT/US00/07996
(22) **24 Mar/mar 2000 (24.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● LOAD BALANCING VIA MESSAGE SOURCE SELECTION
- EQUILIBRAGE DES CHARGES PAR SELECTION DES SOURCES DES MESSAGES

(71) **MINDARROW SYSTEMS, INC.** [US/US]; 101 Enterprise #340, Aliso Viejo, CA 92656 (US).
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(72, 75) **DUNCAN, Maxon** [US/US]; MindArrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US). **MCEWAN, Richard** [US/US]; MindArrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).

(74) **FISH, Robert**; Fish & Associates, LLP, 1440 N. Harbor Blvd., Suite 706, Fullerton, CA 92835 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G06F 15/16, H04N 7/16**
(11) **WO 01/73574** (13) A1
(21) PCT/US01/09890
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,165 **27 Mar/mar 2000 US (27.03.2000)**

(30) 09/717,184 **20 Nov/nov 2000 US (20.11.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● CONTENT DISTRIBUTION SYSTEM FOR DISTRIBUTING CONTENT OVER A NETWORK, WITH PARTICULAR APPLICABILITY TO DISTRIBUTING HIGH-BANDWIDTH CONTENT

- SYSTEME DE DISTRIBUTION DE CONTENUS DANS UN RESEAU, PLUS PARTICULIEREMENT DE CONTENUS A LARGES BANDES SUPERIEURES

(71, 72) **BLUMENAU, Trevor, I.** [US/US]; 1800 Pacific Avenue #505, San Francisco, CA 94109 (US).

(74) **GRAHAM, David, R.**; 1337 Chewpon Avenue, Milpitas, CA 95035 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁶ **G06F 15/30, 17/60**
(11) **WO 01/73575** (13) A1
(21) PCT/US01/09853
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 09/536,273 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● METHODS AND APPARATUS FOR WIRELESS POINT-OF-SALE TRANSACTIONS
- PROCEDES ET APPAREILS SERVANT A EFFECTUER DES TRANSACTIONS SANS FIL SUR LE LIEU DE VENTE

(71) **IN2M.COM LLC** [US/US]; 4515 South Butternut Road, Holladay, UT 84117 (US).

(72) **SMITH, Steven, B.**; 4515 South Butternut Road, Holladay, UT 84117 (US).

(74) **CONGER, Michael, M.** et al. / etc.; Kirton & McConkie, 1800 Eagle Gate Tower, 60 East South Temple, Salt Lake City, UT 84111 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **G06F 17/00**
(11) **WO 01/73576** (13) A1
(21) PCT/ES01/00126
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) es (26) es
(30) P 200000802 **31 Mar/mar 2000 ES (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● DEVICE FOR SUPPLYING INFORMATION TO A USER AND CORRESPONDING METHOD

- DISPOSITIF DE DISTRIBUTION D'INFORMATIONS A UN UTILISATEUR ET SON PROCEDE CORRESPONDANT
- (71) **A.G.T. SERVICIOS, SCCL** [ES/ES]; Avenida Virgen de Montserrat, 29, E-08820 El Prat de Llobregat (ES).
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- (72, 75) **FERNÁNDEZ GAVILÁN, Antonio** [ES/ES]; Josep Guilerà i Molas, 1, E-08820 El Prat de Llobregat (ES).
- (74) **CURELL SUÑOL, Marcelino** et al. / etc.; Passeig de Gràcia, 65bis, E-08008 Barcelona (ES).
- (81) JP US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73577** (13) A2
- (21) PCT/IB01/00961
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) en (26) en
- (30) 09/538,756 **30 Mar/mar 2000 US (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • REVENUE SETTLEMENT SYSTEM AND METHOD FOR WIRELESS REVENUE SETTLEMENT
- SYSTEME DE PARTAGE DE REVENUS ET PROCEDE DE PARTAGE DE REVENUS SANS FIL
- (71) **SUPERWINGS CANADA, INC.** [CA/CA]; Suite 204, 100 Drumlin Circle, Concord, Ontario L4K 3E6 (CA).
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- (72, 75) **BROWN, Jim, D.** [CA/CA]; 49 Ashbourne Drive, Toronto, Ontario M9B 4H3 (CA). **POLIDORO, Gianni, M.** [CA/CA]; 29 Gaetano Court, Vaughan, Ontario L4H 1E1 (CA). **BAZIW, Lawrence, P.** [CA/CA]; 109 Alaskan Summit Court, Brampton, Ontario L6R 1N9 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (i)
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73578** (13) A1
- (21) PCT/KR00/00279
- (22) **29 Mar/mar 2000 (29.03.2000)**
- (25) ko (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SANTA CHARACTER AGENT EMBODIED ON WEB ON THE BASIS OF JAVA/XML TECHNOLOGY
- AGENT DE PERSONNAGES SUR LE WEB, A BASE JAVA/XML
- (71, 72) **YOUN, Joonsoo** [KR/KR]; 203-402, Hangaram Apt, #1586 Gwanyang-dong, Dongan-ku, Anyang-si, Kyonggi-do 431-060 (KR).
- (74) **LEE, Duckrog**; 2nd floor, Yeil Building 700-19, Yorksam-dong, Kangnam-ku, Seoul 135-080 (KR).
- (81) AU CA CN JP NZ SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **G06F 17/00**
- (11) **WO 01/73579** (13) A1
- (21) PCT/KR01/00477
- (22) **24 Mar/mar 2001 (24.03.2001)**
- (25) en (26) en
- (30) 2000/15887 **28 Mar/mar 2000 KR (28.03.2000)**
- (30) 2000/70284 **24 Nov/nov 2000 KR (24.11.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR AUTOMATICALLY TURNING AND DISPLAYING MULTI-LAYERED WEB-PAGE VIEWS CREATED CONSECUTIVELY
- SYSTEME ET PROCEDE PERMETTANT DE TOURNER ET D'AFFICHER AUTOMATIQUEMENT DES PRESENTATIONS DE PAGE WEB MULTICOUCHE CREEES CONSECUTIVEMENT
- (71, 72) **KIM, Youn, Jong** [KR/KR]; 222-703 Woosung Apt., 96, Seohyeon-dong, Boondang-ku, Sungnam-shi, Kyonggi-do 463-773 (KR).
- (74) **CHO, Hyeon, Seog**; 3rd Floor, Yoosung Building, 628-13 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 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73580** (13) A1
- (21) PCT/NO01/00133
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) no (26) en
- (30) 20001586 **27 Mar/mar 2000 NO (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SHOPPING AND PAYMENT/CREDIT HANDLING
- ASSISTANCE POUR ACHAT ET PAIEMENT/CREDIT
- (71) **SCAN & PAY AS** [NO/NO]; Pustutveien 18, N-1396 Billingstad (NO).
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- (72, 75) **KNUTSEN, Stian, Valentin** [NO/NO]; Nes Terrasse 33, N-1394 Nesbru (NO). **VONHOLM, Christian** [NO/NO]; Skustadgaten 9, N-1396 Billingstad (NO).
- (74) **ANDERSEN, Bjørn** et al. / etc.; Onsagers AS, P.O. Box 265 Sentrum, N-0103 Oslo (NO).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73581** (13) A2
- (21) PCT/US00/34676
- (22) **21 Dec/déc 2000 (21.12.2000)**
- (25) en (26) en
- (30) 60/191,805 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR MANIPULATING INTERNET-BASED ADVERTISEMENTS
- SYSTEME ET PROCEDE DE MANIPULATION D'ANNONCES PUBLICITAIRES SUR INTERNET
- (71) **THOMSON LICENSING S.A.** [FR/FR]; 46, quai Alphonse Le Gallo, F-92648 Boulogne Cedex (FR).
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- (72, 75) **ENGLE, Joseph, Craig** [US/US]; 4206 Shine Court, Carmel, IN 46033 (US). **LESANDRINI, Jay, William** [US/US]; 7865 North Fortville Pike, Greenfield, IN 46140 (US). **WHITE, Jane** [US/US]; 10332 Lakeland Drive, Fishers, IN 46803 (US). **CHAI, Sek** [US/US]; 8030 Silverleaf Drive, Indianapolis, IN 46260 (US).
- (74) **TRIPOLI, Joseph, S.** et al. / etc.; Thomson multimedia Licensing Inc., P.O. Box 5312, Princeton, NJ 08540 (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 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 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/00

- (11) WO 01/73582 (13) A1
- (21) PCT/US00/07914
- (22) 24 Mar/mar 2000 (24.03.2000)
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • SPONSORED RELATIONSHIP CARDS
• CARTES RELATIONNELLES PARRAINEES

(71) MINDARROW SYSTEMS, INC. [US/US]; 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BRIOLA, Michael [US/US]; MindArrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US). MCEWAN, Rick [US/US]; MindArrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).

(74) FISH, Robert; Fish & Associates, LLP, 1440 N. Harbor Blvd., Suite 706, Fullerton, CA 92835 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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- (21) PCT/US00/08078
- (22) 27 Mar/mar 2000 (27.03.2000)
- (25) en (26) en
- (30) 09/277,666 26 Mar/mar 2000 US (26.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • METHOD AND APPARATUS FOR A CLOSED LOOP REAL TIME WORKING ASSIGNMENT TRACKING SYSTEM
• PROCEDE ET APPAREIL POUR SYSTEME DE PISTAGE D'ATTRIBUTION DE TACHES EN TEMPS REEL ET EN BOUCLE FERMEE

(71) ALLIEDSIGNAL INC. [US/US]; 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).

(72) KRALS, Leon, Eric; 63 Wagon Trail, Mahwah, NJ 07430 (US).

(74) CRISS, Roger, H. et al. / etc.; AlliedSignal Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (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 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 UZ VN YU ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 17/00

- (11) WO 01/73584 (13) A2
- (21) PCT/US01/10075
- (22) 29 Mar/mar 2001 (29.03.2001)
- (25) en (26) en
- (30) 60/192,828 29 Mar/mar 2000 US (29.03.2000)
- (30) 60/211,813 14 Jun/juin 2000 US (14.06.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • METHOD AND SYSTEM FOR PROCESSING MESSAGES IN A BILL PAYMENT AND PRESENTMENT SYSTEM OVER A COMMUNICATIONS NETWORK
• PROCEDE ET SYSTEME DE TRAITEMENT DE MESSAGES DANS UN SYSTEME DE PAIEMENT DE FACTURES ET DE PRESENTATION SUR UN RESEAU DE COMMUNICATION

(71) MASTERCARD INTERNATIONAL INCORPORATED [US/US]; 2000 Purchase Street, Purchase, NY 10577-2509 (US).

(72) TRENDE, Robert, G.; 375 Beckley Place, Saint Charles, MO 64404 (US). MILA, Paul, J.; 75 Titus Avenue, Carle Place, NY 11515 (US). CONFORTI, Cathleen; 65 Daniele Drive, Ocean, NJ 07712 (US). LEATHRUM, Patrick, J.; 1604 Stonebrooke Drive, Edwardsville, IL 62025 (US). KINNUNEN, Clifford, A., Jr.; 10 Jeanette Drive, Granite City, IL 62040 (US). LOCK, Brian, D.; 1 Edward Place, Washington, MO 63090 (US). HOLTON, Matthew, T.; 5205 Miami Street, Saint Louis, MO 63139 (US). STARK, Jeffrey, M.; 811 Kiefer Trail Drive, Ballwin, MO 63021 (US).

(74) SCHEINFELD, Robert, C.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 17/00

- (11) WO 01/73585 (13) A2
- (21) PCT/US01/10148
- (22) 29 Mar/mar 2001 (29.03.2001)
- (25) en (26) en
- (30) 09/537,161 29 Mar/mar 2000 US (29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • SYSTEM AND METHOD FOR PERFORMING FLOOD ZONE CERTIFICATIONS
• SYSTEME ET PROCEDE PERMETTANT DE DETERMINER UNE ZONE D'INONDATION

(71) PROVAR INC. [US/US]; Suite 350, 6751 Rufe Snow Drive, Watauga, TX 76148 (US).

(72) HOWARD, John, Willard; 6820 North Park Drive, North Richland Hills, TX 76180 (US). SCOTT, Dan, Martin; 4058 North Beltline Road #136, Irving, TX 75038 (US). HIGGINS, Darin, Wayne; 125 Willow Ridge Road, Fort Worth, TX 76103 (US).

(74) THRASHER, Steven, W.; Jackson Walker L.L.P., 2435 N. Central Expressway #600, Richardson, TX 75080 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/00

- (11) WO 01/73586 (13) A2
- (21) PCT/US01/10151
- (22) 29 Mar/mar 2001 (29.03.2001)
- (25) en (26) en
- (30) 09/537,530 29 Mar/mar 2000 US (29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) • METHOD AND APPARATUS FOR ACCESSING A REMOTE LOCATION BY SENSING A MACHINE-RESOLVABLE CODE
• PROCEDE ET DISPOSITIF D'ACCES A UN ENDROIT A DISTANCE PAR DETECTION D'UN CODE POUVANT ETRE CONVERTI PAR UNE MACHINE

(71) DIGITAL:CONVERGENCE CORPORATION [US/US]; Suite 600, 9101 N. Central Expressway, Dallas, TX 75231 (US).

(72) PHILYAW, Jeffrey, Jovan; 5968 West Northwest Highway, No. 1813, Dallas, TX 75225 (US).

(74) HOWISON, Gregory, M. et al. / etc.; Howison, Chauza, Handley & Arnott, L.L.P., P.O. Box 741715, Dallas, TX 75374-1715 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73587** (13) A2
- (21) PCT/US01/03038
- (22) **30 Jan/jan 2001 (30.01.2001)**
- (25) en (26) en
- (30) 60/193,065 **29 Mar/mar 2000 US (29.03.2000)**
- (30) 09/635,833 **9 Aug/août 2000 US (09.08.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • UNIVERSAL BIOMOLECULAR DATA SYSTEM
• SYSTEME UNIVERSEL DE DONNEES BIOMOLECULAIRES
- (71) **ARENA PHARMACEUTICALS, INC.** [US/US]; 6166 Nancy Ridge Drive, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JONES, Gareth** [GB/US]; 210 South Helix Avenue, Apt. H, Solana Beach, CA 92075 (US).
- (74) **SKALE, Andrew** et al. / etc.; Brobeck, Phleger & Harrison, LLP, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73588** (13) A2
- (21) PCT/US01/07188
- (22) **6 Mar/mar 2001 (06.03.2001)**
- (25) en (26) en
- (30) 60/192,201 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 09/742,458 **19 Dec/déc 2000 US (19.12.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR DYNAMIC BUSINESS MANAGEMENT
• METHODE ET APPAREIL DE GESTION DYNAMIQUE D'ENTREPRISE
- (63) US 60/192,201 (CON)
27 Mar/mar 2000 (27.03.2000)
- US 09/742,458 (CON)
19 Dec/déc 2000 (19.12.2000)
- (71) **SKILLSVILLAGE.COM** [US/US]; 435 Indio Way, Sunnyvale, CA 94086 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WONG, Christopher, L.** [US/US]; 5230 Arezzo Drive, San Jose, CA 95138 (US). **JACKSON, Edward, L.** [US/US]; 2222 Whipple Avenue, Redwood City, CA 94062 (US). **ZEPECKI, John, F.** [US/US]; 105 Fancher Court, Los Gatos, CA 95030 (US).
- (74) **COURTNEY, Barbara, B.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73589** (13) A2
- (21) PCT/US01/09211
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/536,328 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PRICE CHARTING SYSTEM AND TECHNIQUE
• SYSTEME ET TECHNIQUE D'ELABORATION DE GRAPHIQUES DE COURS
- (71, 72) **HELWEG, Mark, Web** [US/US]; 5481 Cove Circle, Naples, FL 34119 (US).
- (74) **OLDHAM, Scott, M.** et al. / etc.; Oldham & Oldham CO., L.P.A., Twin Oaks Estate, 1225 West Market Street, Akron, OH 44313-7188 (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 HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73591** (13) A2
- (21) PCT/US01/09484
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,729 **27 Mar/mar 2000 US (27.03.2000)**
- (30) 60/213,384 **23 Jun/juin 2000 US (23.06.2000)**
- (30) 09/811,209 **16 Mar/mar 2001 US (16.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEMS AND METHODS FOR PROVIDING DISTRIBUTED CROSS-ENTERPRISE PORTALS
• SYSTEMES ET PROCEDES DE REALISATION DE PORTAILS INTER-ENTREPRISE REPARTIS
- (71) **EXOPLEX, INC.** [US/US]; Suite A-300, 1301 Capital of Texas Highway, Austin, TX 78746 (US).
- (72) **BROCKHURST, Russell, A.**; 6000 Shepherd Mountain Cove, No. 406, Austin, TX 78730 (US).
- (74) **FELGER, Thomas, R.**; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73590** (13) A2
- (21) PCT/US01/09236
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/536,531 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMPUTER AUCTION PROCESSING SYSTEMS AND METHODS OF MANAGING SUCH SYSTEMS
• SYSTEME DE TRAITEMENT D'ENCHERES PAR ORDINATEUR ET PROCEDE DE GESTION DE TELS SYSTEMES
- (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
- (72) **LAM, Amy**; Apt. #1007, 1007 Yorkville Avenue, Toronto, Ontario M4W 1L2 (CA).
- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217-1087 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
- (11) **WO 01/73590** (13) A2
- (21) PCT/US01/09236
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/536,328 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEMS AND METHODS FOR PROVIDING DISTRIBUTED CROSS-ENTERPRISE PORTALS
• SYSTEMES ET PROCEDES DE REALISATION DE PORTAILS INTER-ENTREPRISE REPARTIS
- (71) **EXOPLEX, INC.** [US/US]; Suite A-300, 1301 Capital of Texas Highway, Austin, TX 78746 (US).
- (72) **BROCKHURST, Russell, A.**; 6000 Shepherd Mountain Cove, No. 406, Austin, TX 78730 (US).
- (74) **FELGER, Thomas, R.**; Baker Botts L.L.P., 2001 Ross Avenue, Suite 600, Dallas, TX 75201-2980 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY

- BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/00**
(11) **WO 01/73592** (13) A2
(21) PCT/US01/09759
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 09/537,852 **28 Mar/mar 2000 US (28.03.2000)**
(30) 09/575,777 **22 May/mai 2000 US (22.05.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR PURCHASING A COMMERCIAL ASSET VIA ELECTRONIC COMMERCE USING SINGLE USER ACTION OF BUYER AND SELLER
• SYSTEME ET PROCEDE D'ACHAT D'UN BIEN COMMERCIAL VIA LE COMMERCE ELECTRONIQUE AU MOYEN D'UNE SEULE ACTION UTILISATEUR DU VENDEUR ET DE L'ACHETEUR
- (71) **ZULUNET, INC.** [US/US]; 6200 Hazeltine National Drive, Orlando, FL 32822 (US).
(72) **FOX, Peter, F.**; 950 Lancaster Drive, Orlando, FL 32806 (US).
(74) **WARTHER, Richard, K.**; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 255 South Orange Avenue, Suite 1401, P.O. Box 3791, Orlando, FL 32802-3791 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/30**
(11) **WO 01/73594** (13) A1
(21) PCT/CN00/00311
(22) **11 Oct/oct 2000 (11.10.2000)**
(25) zh (26) zh
(30) 00 1 04592.X **31 Mar/mar 2000 CN (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR SEARCHING THE FUNCTIONS IN ELECTRIC APPLIANCE
• PROCEDE DE RECHERCHE MULTIDIRECTIONNELLE DES FONCTIONS DES APPAREILS ELECTRONIQUES DOMESTIQUES ET MODULE ASSOCIE
- (71) **QCODE INFORMATION TECHNOLOGY LIMITED** [CN/CN]; 22nd Floor, Asia Orient Tower, Town Place, 33 Lockhart Road, Wanchai, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEUNG, Lapyan** [CN/CN]; 22nd Floor, Asia Orient Tower, Town Place, 33 Lockhart Road, Wanchai, Hong Kong (CN). **LAU, Mankin** [CN/CN]; 22nd Floor, Asia Orient Tower, Town Place, 33 Lockhart Road, Wanchai, Hong Kong (CN).
(74) **LIU, SHEN & ASSOCIATES**; A0601, Huibin Building, NO. 8 Beichen Dong Street, Chaoyang District, Beijing 100101 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/30**
(11) **WO 01/73596** (13) A2
(21) PCT/EP01/03006
(22) **19 Mar/mar 2001 (19.03.2001)**
(25) en (26) en
(30) 09/538,162 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SEARCH USER INTERFACE FOR CONSTRUCTING AND MANAGING USER PROFILES AND SEARCH CRITERIA
• INTERFACE DE RECHERCHE POUR UTILISATEUR, POUR LA CONSTRUCTION ET LA GESTION DE PROFILS D'UTILISATEUR ET DE CRITERES DE RECHERCHE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (30) 60/191,915 **24 Mar/mar 2000 US (24.03.2000)**
(30) 60/192,090 **24 Mar/mar 2000 US (24.03.2000)**
(30) 60/192,076 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PHONETIC DATA PROCESSING SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE TRAITEMENT DE DONNEES PHONETIQUES
- (71) **ELIZA CORPORATION** [US/US]; Suite 350C, 100 Cummings Center, Beverly, MA 01915 (US).
(72) **KROEKER, John**; 100 Ortins Road, Hamilton, MA 01936 (US). **BOULANOV, Oleg**; 35 Apple Road #21, Beverly, MA 01915 (US). **YELPATOV, Andrey**; 30 Fooly Pond Road #32, Beverly, MA 01915 (US).
(74) **KUSMER, Toby, H.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/30**
(11) **WO 01/73595** (13) A2
(21) PCT/EP01/03004
(22) **19 Mar/mar 2001 (19.03.2001)**
(25) en (26) en
(30) 09/537,494 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DATA SEARCH USER INTERFACE WITH ERGONOMIC MECHANISM FOR USER PROFILE DEFINITION AND MANIPULATION
• INTERFACE D'UTILISATEUR POUR LA RECHERCHE DE DONNEES A MECANISME ERGONOMIQUE POUR LA DEFINITION ET LA MANIPULATION DES PROFILS D'UTILISATEUR
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(72) **NIKOLOVSKA, Lira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MARTINO, Jacquelyn, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CAMPLIN, Alison, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(81) CN JP KR.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G06F 17/30**
(11) **WO 01/73596** (13) A2
(21) PCT/EP01/03006
(22) **19 Mar/mar 2001 (19.03.2001)**
(25) en (26) en
(30) 09/538,162 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SEARCH USER INTERFACE FOR CONSTRUCTING AND MANAGING USER PROFILES AND SEARCH CRITERIA
• INTERFACE DE RECHERCHE POUR UTILISATEUR, POUR LA CONSTRUCTION ET LA GESTION DE PROFILS D'UTILISATEUR ET DE CRITERES DE RECHERCHE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
-
- (51)⁷ **G06F 17/27, G10L 15/04**
(11) **WO 01/73593** (13) A1
(21) PCT/US01/09549
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,091 **24 Mar/mar 2000 US (24.03.2000)**

(72) **MARTINO, Jacquelyn, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NIKOLOVSKA, Lira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CAMPLIN, Alison, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/30**

(11) **WO 01/73597** (13) A2

(21) PCT/EP01/03009

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/537,495 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEARCH USER INTERFACE PROVIDING MECHANISM FOR MANIPULATION OF EXPLICIT AND IMPLICIT CRITERIA

• INTERFACE-UTILISATEUR DE RECHERCHE CONSTITUANT UN MECANISME DE MANIPULATION DE CRITERES EXPLICITES ET IMPLICITES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MARTINO, Jacquelyn, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NIKOLOVSKA, Lira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CAMPLIN, Alison, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/30**

(11) **WO 01/73598** (13) A2

(21) PCT/EP01/03194

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/537,496 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEARCH USER INTERFACE WITH ENHANCED ACCESSIBILITY AND EASE-OF-USE FEATURES BASED ON VISUAL METAPHORS

• INTERFACE D'UTILISATEUR DE RECHERCHE CARACTERISEE PAR UNE ACCESSIBILITE ET UNE FACILITE D'UTILISATION AMELIOREES, REPOSANT SUR DES METAPHORES VISUELLES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **NIKOLOVSKA, Lira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MARTINO, Jacquelyn, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CAMPLIN, Alison, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/30**

(11) **WO 01/73599** (13) A2

(21) PCT/EP01/03198

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/537,497 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • USER INTERFACE PROVIDING AUTOMATIC GENERATION AND ERGONOMIC PRESENTATION OF KEYWORD SEARCH CRITERIA

• INTERFACE UTILISATEUR ASSURANT LA PRODUCTION AUTOMATIQUE ET LA PRESENTATION ERGONOMIQUE DE CRITERES DE RECHERCHE PAR MOTS-CLES

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **NIKOLOVSKA, Lira**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CAMPLIN, Alison, F.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LEE, Kwok, P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MARTINO, Jacquelyn, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/30**

(11) **WO 01/73600** (13) A1

(21) PCT/EP01/03679

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) 00106827.9 **30 Mar/mar 2000 EP (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CACHE TIME DETERMINATION

• DETERMINATION DE LA DUREE DE STOCKAGE EN ANTEMEMOIRE

(71) **INTERSHOP SOFTWARE ENTWICKLUNGS GMBH** [DE/DE]; Intershop Tower, 07740 Jena (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72) **SARNOCH, Roy**; Loderstr. 2, 07743 Jena (DE).

(72, 75) **NOWOTNY, Marcus** [DE/DE]; Petersburger Strasse 49, 10249 Berlin (DE).

DOUBLEDAY, Daniel [DE/DE]; Schröderstrasse 10, 10115 Berlin (DE). **SCHULTZ, Daniel** [DE/DE]; Fanningerstrasse 71, 10365 Berlin (DE). **FASSAUER, Roland** [DE/DE]; Kanalstrasse 34c, 22085 Hamburg (DE). **MÜLLER, Ulrike** [DE/DE]; Rathausgasse 02, 07743 Jena (DE).

(74) **BETTEN & RESCH**; Theaterstr. 8, 80333 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G06F 17/30**

(11) **WO 01/73601** (13) A2

(21) PCT/GB01/00981

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 00302415.5 **24 Mar/mar 2000 EP (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NETWORK ACCESS ARRANGEMENT
• DISPOSITIF D'ACCES A UN RESEAU

(71) **BRITISH TELECOMMUNICATIONS Public Limited Company** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FOSTER, Robert, Alan, Lyttleton** [GB/GB]; The Grove, Dedham, Colchester, Essex CO7 6DU (GB).

(74) **GARRISON, Christopher, Sinclair**; BT Group Legal Services, Intellectual Property Department, 8th Floor, Holborn Centre, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/30**

(11) **WO 01/73602** (13) A2

(21) PCT/IB01/00625

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,982 **28 Mar/mar 2000 US (28.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● CLUSTERING AND EXAMINING LARGE DATA SETS
- REGROUPEMENT ET EXAMEN D'ENSEMBLES IMPORTANTS DE DONNEES
- (71) **STARLAB NV/SA** [BE/BE]; Latour de Freins, Rue Engelandstraat 555, B-1180 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **THOMAS, Gregoire** [BE/BE]; Filips de goedekaai 22, B-9000 Ghent (BE). **BERDENIS, Nikos** [BE/BE]; 4, avenue Thieffry, B-1040 Etterbeek (BE). **VAN HUFFEL, Christophe** [BE/BE]; Rue Albert de Bast 13, B-1083 Brussels (BE).
- (74) **BURKE, Steven, D.** et al. / etc.; R.G.C. Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/30, H04M 11/00, H04N 5/76, 5/91, 7/14**
- (11) **WO 01/73603** (13) A1
- (21) PCT/JP01/02582
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) ja (26) ja
- (30) 2000-091012 **29 Mar/mar 2000 (29.03.2000)** JP
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● INFORMATION RETRIEVAL METHOD, INFORMATION RETRIEVAL SERVER AND PERSONAL DIGITAL ASSISTANT
- PROCEDE DE RECHERCHE D'INFORMATIONS, SERVEUR DE RECHERCHE D'INFORMATIONS ET ASSISTANT NUMERIQUE PERSONNEL
- (71) **KABUSHIKI KAISHA EIGHTING** [JP/JP]; 23-1, Ohi 1-Chome, Shinagawa-ku, Tokyo 140-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FUJISAWA, Tomonori** [JP/JP]; c/o Kabushiki Kaisha Eighting, 23-1, Ohi 1-Chome, Shinagawa-ku, Tokyo 140-0014 (JP). **HIBI, Susumu** [JP/JP]; c/o Kabushiki Kaisha Eighting, 23-1, Ohi 1-Chome, Shinagawa-ku, Tokyo 140-0014 (JP).
- (74) **ISHIDA, Masahisa**; 28-10, Sannoh 1-chome, Ohta-ku, Tokyo 143-0023 (JP).
- (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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX

- MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/30**
- (11) **WO 01/73604** (13) A1
- (21) PCT/US00/08170
- (22) **27 Mar/mar 2000 (27.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYSTEMS AND METHODS OF CONDUCTING AN ADVERTISING CAMPAIGN
- SYSTEMES ET PROCEDES PERMETTANT DE MENER UNE CAMPAGNE PUBLICITAIRE
- (71) **MINDARROW SYSTEMS INC.** [US/US]; 101 Enterprise #340, Aliso Viejo, CA 92656 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCEWAN, Rick** [US/US]; Ecommerce.com, Inc., 101 Enterprise #340, Aliso Viejo, CA 92656 (US). **HERRING, Sergio** [US/US]; Ecommerce.com, Inc., 101 Enterprise #340, Aliso Viejo, CA 92656 (US).
- (74) **FISH, Robert** et al. / etc.; Fish & Associates, LLP, 1440 N. Harbor Blvd., Suite 706, Fullerton, CA 92835 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (a)
-
- (51)⁷ **G06F 17/30**
- (11) **WO 01/73605** (13) A2
- (21) PCT/US01/10017
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/192,877 **29 Mar/mar 2000 (29.03.2000)** US
- (30) 60/199,357 **25 Apr/avr 2000 (25.04.2000)** US
- (30) 60/235,890 **28 Sep/sep 2000 (28.09.2000)** US
- (43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● METHOD AND APPARATUS FOR ENABLING BULK LOADING OF DATA
- PROCEDE ET DISPOSITIF PERMETTANT LE CHARGEMENT EN VRAC DE DONNEES
- (71) **ESPIRANT INC.** [US/US]; 100 Rialto Place, Suite 760, Melbourne, FL 32901 (US).
- (72) **PEPIN, Christine, S.**; 412 Riverview Ln., Melbourne Beach, FL 32951 (US). **LEONARD, Jeffrey**; 796 Oak Park Dr., Melbourne, FL 32940 (US).
- (74) **GLEMBOCKI, Christopher, R.** et al. / etc.; Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, DC 20001-4597 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **G06F 17/30**
- (11) **WO 01/73606** (13) A2
- (21) PCT/US01/10149
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/193,035 **29 Mar/mar 2000 (29.03.2000)** US
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYSTEMS AND METHODS FOR GENERATING COMPUTER-DISPLAYED PRESENTATIONS
- SYSTEMES ET PROCEDES PERMETTANT DE GENERER DES PRESENTATIONS AFFICHEES SUR UN ORDINATEUR
- (71) **GROUP 66, INC.** [US/US]; 6th Floor, 1995 Broadway, New York, NY 10023 (US).
- (72) **KRAFCHIN, Richard, H.**; Apartment 23A, 150 West End Avenue, New York, NY 10023 (US).
- (74) **INGERMAN, Jeffrey, H.** 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- Declarations / Déclarations :
(s) for all designations / pour toutes les désignations

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 17/30

(11) WO 01/73607 (13) A2

(21) PCT/US01/40363

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/192,236 27 Mar/mar 2000 US
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR GENERATING METADATA FOR A DOCUMENT

• PROCEDE ET DISPOSITIF PERMETTANT L'ELABORATION DE META-DONNEES POUR UN DOCUMENT

(71) DOCUMENTUM, INC. [US/US]; 6801 Koll Center Parkway, Pleasanton, CA 94566 (US).

(72) SPIVAK, Victor; 1654 De Anza Blvd., San Mateo, CA 94403 (US). RANKOV, Alex; 310 Zagora Drive, Danville, CA 94506 (US). SHAO, Howard, I-Hui; 71 Coral Drive, Orinda, CA 94563 (US). ABNOUS, Razmik; 121 Laurelwood Drive, Danville, CA 94506 (US). SHANAHAN, Matthew, Raymond; 647 Augusta Drive, Moraga, CA 94556 (US).

(74) EWING, Thomas, L.; Cooley Godward LLP, 3000 El Camino Real, Five Palo Alto Square, Palo Alto, CA 94306-2155 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

Declarations / Déclarations :

(s) for all designations except / pour toutes les désignations sauf US

(t) for all designations / pour toutes les désignations

(51)⁷ G06F 17/30

(11) WO 01/73608 (13) A2

(21) PCT/US01/06824

(22) 1 Mar/mar 2001 (01.03.2001)

(25) en (26) en

(30) 09/535,905 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR PROVIDING CROSS-DIMENSIONAL COMPUTATION AND DATA ACCESS IN AN ON-LINE ANALYTICAL PROCESSING (OLAP) ENVIRONMENT

• SYSTEME ET PROCEDE PERMETTANT DE CALCULER UNE SECTION DE DROITE ET D'ACCEDER AUX DONNEES DANS UN ENVIRONNEMENT DE TRAITEMENT ANALYTIQUE EN LIGNE (OLAP)

(71) i2 TECHNOLOGIES, INC. [US/US]; 11701 Luna Road, Dallas, TX 74234 (US).

(72) REDDY, Venugopal, P.; 29 Belleau Avenue, Madison, NJ 07940 (US). MATHARU, Harmindar, S.; 7 Lincoln Gardens, Lake Hiawatha, NJ 07034 (US).

(74) KENNERLY, Christopher, W.; Baker Botts L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 01/73609 (13) A1

(21) PCT/US01/08715

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en (26) en

(30) 09/537,006 28 Mar/mar 2000 US
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR MAPPING AND FORMATTING INFORMATION FOR A DISPLAY DEVICE

• PROCEDE PERMETTANT DE MAPPER ET DE FORMATER DES INFORMATIONS POUR UN DISPOSITIF D'AFFICHAGE

(71) LINX DATA TERMINALS, INC. [US/US]; 625 Digital Drive, Suite 100, Plano, TX 75075 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) FOGARTY, John, H. [US/US]; 1710 E. Oltorf, Suite 712, Austin, TX 78741 (US).

(74) KICE, Warren, B. et al. / etc.; Haynes And Boone, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202-3789 (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 HR HU ID IL IN IS JP KG KP KR KZ LC LK LR LT LU LV MA MD MG MK MN MX NO NZ PL PT RO RU SE SG SI SK TJ TM TR TT UA US UZ VN YU.

(84) 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).

(51)⁷ G06F 17/30

(11) WO 01/73610 (13) A1

(21) PCT/US01/09182

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(30) 09/534,472 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR EMBEDDED DISTRIBUTED INFORMATION RETRIEVAL IN A FREE-TEXT APPLICATION ENVIRONMENT

• SYSTEME ET PROCEDE PERMETTANT L'EXTRACTION D'INFORMATIONS INSEREES DISTRIBUEES DANS UN ENVIRONNEMENT D'APPLICATION DE TEXTE LIBRE

(71) BITMOBILE TECHNOLOGIES [US/US]; 225 Woodlawn Avenue, Hubbard Woods, IL 60093 (US).

(72) KULYUKIN, Vladimir, A.; Apt. 515, 1642 East 56th Street, Chicago, IL 60637 (US).

(74) WHITE, Jason, C.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 01/73611 (13) A2

(21) PCT/US01/09201

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,662 23 Mar/mar 2000 US
(23.03.2000)

(30) 60/255,794 15 Dec/déc 2000 US
(15.12.2000)

(30) 60/255,795 15 Dec/déc 2000 US
(15.12.2000)

(30) Not furnished / non communiqué 5 Mar/mar 2001 US
(05.03.2001)

(30) Not furnished / non communiqué 21 Mar/mar 2001 US
(21.03.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PERSISTENT ARCHIVES

• ARCHIVES AUTOMATIQUES

(71) GENERAL ATOMICS [US/US]; 3550 General Atomics Court, San Diego, CA 92121-1194 (US).

(72) MOORE, Reagan, W.; 7851 Camino Noguera, San Diego, CA 92122 (US). RAJASEKAR, Arcot; 3647 Camino Lindo, San Diego, CA 92112 (US). BARU, Chaitanya, K.; 3525 Santoro Way, San Diego, CA 92130 (US). LUDAESCHER, Bertram, T.; 4128-148 Via Candidiz, San Diego, CA 92130 (US). GUPTA, Amarnath; 12510 Carmel Creek Road, #199, San Diego, CA 92130 (US). MARCIANO, Richard, J.; 4573 Louisiana Street, San Diego, CA 92116 (US).

(74) LAURENSEN, Robert, C.; Howrey Simon Arnold & White, LLP, 1299 Pennsylvania Avenue, N.W., Box 34, Washington, DC 20004-2402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 01/73612 (13) A1

(21) PCT/US01/09227

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(30) 60/192,094 24 Mar/mar 2000 US (24.03.2000)

(30) 09/724,541 27 Nov/nov 2000 US (27.11.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPUTER SYSTEM FOR PORTABLE DIGITAL DATA CAPTURE AND DATA DISTRIBUTION

• SYSTEME INFORMATIQUE DESTINE A LA CAPTURE PORTATIVE DE DONNEES NUMERIQUES ET A LA DISTRIBUTION DE DONNEES

(71) NUMODA CORPORATION [US/US]; The Curtis Center, 601 Walnut street, Philadelphia, PA 19106 (US).

(72) BORIS, Ann, S.; 6513 Shalkop Street, Philadelphia, PA 19128 (US). ROTHBART, Daniel; 99 Beals Street, Brookline, MA 02446 (US). MURPHY, Jeffrey; 2514 Flint Hill Road, Coopersburg, PA 18036 (US).

(74) JABLON, Clark, A. et al. / etc.; Akin, Gump, Strauss, Hauer & Feld, L.L.P., One Commerce Square, Suite 2200, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 01/73613 (13) A1

(21) PCT/US01/09423

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 09/533,863 24 Mar/mar 2000 US (24.03.2000)

(30) 60/201,733 4 May/mai 2000 US (04.05.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SUPPLY CHAIN INTEGRATION

• INTEGRATION DE LA CHAINE D'APPROVISIONNEMENT

(71) INNER CIRCLE LOGISTICS, INC. [US/US]; 1919 S. Grand, Suite 905, St. Louis, MO 63104-1575 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) CLENDENIN, John, A. [US/US]; 1919 S. Grand, Suite 905, St. Louis, MO 63104-1575 (US).

(74) MARCOU, George, T.; Kilpatrick Stockton LLP, Suite 900, 607 14th Street NW, Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 01/73614 (13) A2

(21) PCT/US01/09719

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 09/536,862 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR MODIFYING TEMPORAL ADDRESSES

• PROCEDE ET APPAREIL PERMETTANT DE MODIFIER DES ADRESSES TEMPORELLES

(71) HEWLETT-PACKARD COMPANY [US/US]; 3000 Hanover Street, M/S 20BN, Palo Alto, CA 94304-1112 (US).

(72) CURRANS, Kevin, G.; 883 Wyatt Lane, Philomath, OR 97370 (US). GUPTA, Alope; 3630 NW Twinberry Place, Corvallis, OR 97330 (US).

(74) MYERS, Timothy, F.; Hewlett-Packard Company, 3404 E. Harmony Road, M/S 35, Fort Collins, CO 80528-9599 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/30

(11) WO 01/73615 (13) A1

(21) PCT/US01/09940

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,800 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WEB-BASED METHOD FOR SELECTING COMPONENT CONFIGURATIONS

• PROCEDE FONDE SUR UN RESEAU DE SELECTION DE CONFIGURATIONS DE COMPOSANT

(71) GENERAL ELECTRIC COMPANY [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) WATTS, Kevin; 4101 Town Place, Middletown, CT 06457 (US). RAJAGOPALAN, Muthaiya; 111 Colonial Court, Plainville, CT 06062 (US).

(74) BEULICK, John, S. et al. / etc.; Armstrong Teasdale LLP, Suite 2600, One Metropolitan Square, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/40

(11) WO 01/73616 (13) A2

(21) PCT/US01/09244

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,563 23 Mar/mar 2000 US (23.03.2000)

(30) 60/191,576 23 Mar/mar 2000 US (23.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND SYSTEM FOR BIO-SURVEILLANCE DETECTION AND ALERTING

• PROCEDE ET SYSTEME D'AVERTISSEMENT ET DE DETECTION DE BIO-SURVEILLANCE

(71) THE JOHNS HOPKINS UNIVERSITY [US/US]; Applied Physics Laboratory, 11100 Johns Hopkins Road, Laurel, MD 20723-6099 (US).

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(72, 75) LOMBARDO, Joseph, S. [US/US]; 1080 Sun Valley Drive, Annapolis, MD 21401 (US). PINEDA, Fernando, J. [US/US]; 202 Lambeth Road, Baltimore, MD 21218 (US). BURKOM, Howard, S. [US/US]; 7213 Denberg Road, Baltimore, MD 21209 (US).

NEWHALL, Bruce, K. [US/US]; 7504 Broadcloth Way, Columbia, MD 21046 (US).
CHOTANI, Rashid, A. [US/US]; 122 Allgate Road, Owings Mills, MD 21117 (US).
WOJCIK, Richard, A. [US/US]; 6136 Sinbad Place, Columbia, MD 21045 (US).
LOSCHEN, Wayne, A. [US/US]; 2008 Kintore Circle, #303, Odenton, MD 21113 (US).

(74) **GRAF, Ernest, R.** et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/50

(11) WO 01/73617 (13) A2

(21) PCT/DE01/00996

(22) 15 Mar/mar 2001 (15.03.2001)

(25) de (26) de

(30) 100 12 876.9 16 Mar/mar 2000 DE (16.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR THE SURFACE OPTIMISATION OF COMPONENTS IN INTEGRATED CIRCUITS

• PROCEDE D'OPTIMISATION DE SURFACE DE COMPOSANTS DANS DES CIRCUITS INTEGRES

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BREDERLOW, Ralf** [DE/DE]; Joseph-Maria-Lutz-Anger 24, 81737 München (DE).
PAULUS, Christian [DE/DE]; Karwinskistr. 45, 81247 München (DE).

(74) **VIERING, JENTSCHURA & PARTNER;** Steinsdorfstrasse 6, 80538 München (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 G06F 17/50

(11) WO 01/73618 (13) A2

(21) PCT/US01/06465

(22) 28 Feb/fév 2001 (28.02.2001)

(25) en (26) en

(30) 60/191,998 24 Mar/mar 2000 US (24.03.2000)

(30) 09/757,373 9 Jan/jan 2001 US (09.01.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DESIGNER CONFIGURABLE MULTI-PROCESSOR SYSTEM

• SYSTÈME À PROCESSEUR MULTITÂCHE CONFIGURABLE PAR LE CONCEPTEUR

(71) **IMPROV SYSTEMS, INC.** [US/US]; 100 Cummings Center, Beverly, MA 01915 (US).

(72) **USSERY, Cary;** 27 Elm Street, Hamilton, MA 01982 (US). **LEVIA, Oz;** 1622 Hummingbird Lane, Sunnyvale, CA 94087 (US). **GOSTOMSKI, John;** 59 White Oak Bend, Rochester, NY 14624 (US). **DERTL, Gzim;** 963 Rabbit Ear Pass, Victor, NY 14564 (US). **INDOVINA, Mark, A.;** 11 Shingle Mill Road, Rochester, NY 14609 (US).

(74) **BIANCO, John, V.;** Testa, Hurwitz & Thibault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 01/73619 (13) A1

(21) PCT/AU01/00346

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) PQ 6538 28 Mar/mar 2000 AU (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A DATA DELIVERY PROCESS

• PROCEDE D'ACHEMINEMENT DE DONNEES

(71) **SHARINGA NETWORKS INC.** [US/US]; --, 1310 King Street, Wilmington, DE 19801 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **LEISHMAN, Christopher, Andrew** [AU/AU]; Kolonga, Bridle Track, Seymour, Victoria 3660 (AU). **LOW, Sydney, Gordon** [AU/AU]; 9 Evans Road, Kew, Victoria 3101 (AU).

(74) **WEBBER, David, Brian** et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, Victoria 3000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 01/73620 (13) A2

(21) PCT/EP01/03600

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/193,693 31 Mar/mar 2000 US (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MATRIX METHODS AND SYSTEMS FOR SUPPLY CHAIN MANAGEMENT

• METHODES DE CALCUL MATRI-CIEL ET SYSTEMES CORRESPONDANTS AUX FINS DE LA GESTION DE CHAINE D'APPROVISIONNEMENT

(71) **SAP AKTIENGESELLSCHAFT** [DE/DE]; Intellectual Property Department, Neurottstrasse 16, 69190 Walldorf (DE).

(72) **CLEMENS, Achim;** Paul-Ehrlich-Weg 13, 68766 Hockenheim (DE). **KERN, Thomas;** Fasanenweg 4, 69231 Rauenberg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 01/73621 (13) A1

(21) PCT/FR01/00880

(22) 22 Mar/mar 2001 (22.03.2001)

(25) fr (26) fr

(30) 00/03808 24 Mar/mar 2000 FR (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMPUTER SYSTEM FOR MANAGING AUCTION SALES IN REAL TIME

• SYSTEME INFORMATIQUE DE GESTION DE VENTES AUX ENCHERES EN TEMPS REEL

(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) **VACQUIE, Luc** [FR/FR]; Bel Air, F-31380 Saint Jean l'Herm (FR).

(74) **MONCHENY, Michel;** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60, G08B 1/08**

(11) **WO 01/73622** (13) A1

(21) PCT/FR01/00925

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 00/03890 **28 Mar/mar 2000 FR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SELECTIVE INTERCOMMUNICATION I DEVICE FOR MOBILE TERMINALS IN PHYSICAL PROXIMITY, ALSO LINKED BY GLOBAL NETWORKS

● DISPOSITIF I D'INTERCOMMUNICATION SELECTIVE DE TERMINAUX MOBILES EN PROXIMITE PHYSIQUE, EGALEMENT RELIES PAR DES RESEAUX GLOBAUX

(71, 72) **COLLOT, Laurent** [FR/FR]; 17, square Saint-Charles, F-75012 Paris (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Régimbeau, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G06F 17/60**

(11) **WO 01/73623** (13) A1

(21) PCT/GB01/01390

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 00302636.6 **29 Mar/mar 2000 EP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● EXPERIENCE SHARING
● PARTAGE D'EXPERIENCE

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLS, Simon** [GB/GB]; 13 Osborne Way, Wigginton, Tring, Herts HP23 6EN (GB). **GIBBINS, Robert** [GB/GB]; R G Associates Limited, 33 Florence Road, Brighton, East Sussex BN1 6DL (GB).

(74) **ROBERTS, Simon, Christopher**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE (GB).

(81) GB US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60**

(11) **WO 01/73624** (13) A1

(21) PCT/GB01/00967

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 00302628.3 **29 Mar/mar 2000 EP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ELECTRONIC COMMERCE
● COMMERCE ELECTRONIQUE

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRISCOE, Robert, John** [GB/GB]; Home Farm, Parham, Woodbridge, Suffolk IP13 9NW (GB).

(74) **ROBINSON, Simon, Benjamin**; BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60**

(11) **WO 01/73625** (13) A1

(21) PCT/IB01/00575

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 00106948.3 **31 Mar/mar 2000 EP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CUSTOMER CARE AND BILLING SYSTEM
● SYSTEME DE SUIVI ET DE FACTURATION DE CLIENTELE

(71) **LHS GROUP INC.** [US/US]; Suite 2700, 6 Concourse Parkway, Atlanta, GA 30328 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Declarations / Déclarations :

(r) for all designations / pour toutes les désignations; (r) for all designations / pour toutes les désignations; (r) for all designations / pour toutes les désignations

(51)⁷ **G06F 17/60**

(11) **WO 01/73626** (13) A2

(21) PCT/IL01/00279

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 135300 **27 Mar/mar 2000 IL (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ADVERTISEMENT METHOD AND SYSTEM
● PROCEDE ET SYSTEME D'ANNONCE

(71, 72) **STERN, Meir** [IL/IL]; Yakov Dori 15, 45314 Hod HaSharon (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60, 15/00, 17/30**

(11) **WO 01/73627** (13) A1

(21) PCT/JP01/02024

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) ja (26) ja

(30) 2000-92178 **29 Mar/mar 2000 JP (29.03.2000)**

(30) 2000-94416 **30 Mar/mar 2000 JP (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SERVER APPARATUS AND INFORMATION DISTRIBUTING METHOD
● DISPOSITIF SERVEUR ET PROCEDE DE DISTRIBUTION DE L'INFORMATION

(71) **OMRON CORPORATION** [JP/JP]; 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAJIMA, Akira** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **NAGANUMA, Takefumi** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530

(JP). **HARIMA, Maiko** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **AOI, Akihiro** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP). **SHIMIZU, Atsushi** [JP/JP]; c/o OMRON CORPORATION, 801, Minamifudodo-cho, Horikawahigashiiru, Shiokoji-dori, Shimogyo-ku, Kyoto-shi, Kyoto 600-8530 (JP).

(74) **KOMORI, Hisao**; 2-11, Tanimachi 3-chome, chuo-ku, Osaka-shi, Osaka 540-0012 (JP).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60**

(11) **WO 01/73628** (13) A2

(21) PCT/JP01/02496

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 2000-89042 **28 Mar/mar 2000 JP (28.03.2000)**

(30) 2000-291877 **26 Sep/sep 2000 JP (26.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SETTLEMENT SYSTEM AND SERVER APPARATUS
• SYSTEME ET SERVEUR DE REGLEMENT

(71) **CASIO COMPUTER CO., LTD.** [JP/JP]; 6-2, Hon-machi 1-chome, Shibuya-ku, Tokyo 151-8543 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAKAZAWA, Eiji** [JP/JP]; 1297, Nakagamicho, Akishima-shi, Tokyo 196-0022 (JP). **KATO, Yoshiyuki** [JP/JP]; 2-32-10, Nangai, Higashiyamato-shi, Tokyo 207-0014 (JP).

(74) **SUZUYE, Takehiko** et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) AU CA CN KR US.

(84) EP (DE FR GB).

(51)⁷ **G06F 17/60**

(11) **WO 01/73629** (13) A1

(21) PCT/JP01/02520

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-92497 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INVENTORY ALLOTMENT MANAGING METHOD AND INVENTORY ALLOTMENT MANAGING SYSTEM

• PROCEDE ET SYSTEME DE GESTION D'AFFECTATION A UN INVENTAIRE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).

(72) **YOKOTA, Tsuyoshi**; c/o Epson Direct Corporation, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP). **SHIMODA, Satoshi**; c/o Epson Direct Corporation, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP). **FURIHATA, Eiichiro**; c/o Epson Direct Corporation, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP). **FURIHATA, Isoko**; c/o Epson Direct Corporation, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).

(74) **KAMIYANAGI, Masataka** et al. / etc.; c/o Intellectual Property Department, Seiko Epson Corporation, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR 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 KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60, H04B 10/10**

(11) **WO 01/73630** (13) A1

(21) PCT/JP01/02528

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-88623 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS FOR TOTALING/ANALYZING REPLIES USING INFRARED OPTICAL COMMUNICATION, AND SIGNAL AMPLIFIER SUITABLE FOR THAT APPARATUS

• APPAREIL DESTINE A TOTALISER ET A ANALYSER DES REPONSES AU MOYEN DE LA COMMUNICATION OPTIQUE INFRAROUGE, ET AMPLIFICATEUR DE SIGNAL COMPATIBLE

(71) **KABUSHIKI KAISHA MEDIA TECHNICAL** [JP/JP]; 2-3-3, Sengoku, Koto-ku, Tokyo 135-0015 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **INOUE, Katsuhiko** [JP/JP]; 606-1-407, Hino, Hino-shi, Tokyo 191-0012 (JP). **KANDA, Mikio** [JP/JP]; 1116-7, Mikura, Omiya-shi, Saitama 330-0824 (JP).

(74) **SUYAMA, Saichi**; Kandahigashiyama Bldg., 1, Kandatacho 2-chome, Chiyoda-ku, Tokyo 101-0046 (JP).

(81) AU CA CN JP KR RU SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60**

(11) **WO 01/73631** (13) A1

(21) PCT/JP01/02659

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 2000-92137 **29 Mar/mar 2000 JP (29.03.2000)**

(30) 2000-267682 **4 Sep/sep 2000 JP (04.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM FOR ANONYMITY ELECTRONIC COMMERCE HAVING CREDITING FUNCTION AND METHOD

• SYSTEME DESTINE AU COMMERCE ELECTRONIQUE ANONYME AVEC FONCTION ET PROCEDE DE CREDIT

(71) **RISKMONSTER.COM** [JP/JP]; 4-5, Akasaka 2-Chome, Minato-Ku, Tokyo 107-0052 (JP). **NISSHO IWAI CORPORATION** [JP/JP]; 5-8, Imabashi 2-Chome, Chuo-Ku, Osaka-shi, Osaka 541-8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUGANO, Kenichi** [JP/JP]; c/o RISKMONSTER.COM, 4-5, Akasaka 2-Chome, Minato-Ku, Tokyo 107-0052 (JP). **FUJIMOTO, Taichi** [JP/JP]; c/o RISKMONSTER.COM, 4-5, Akasaka 2-Chome, Minato-Ku, Tokyo 107-0052 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Room 646, Shin-Tokyo Bldg, 3-1, Marunouchi 3-Chome, Chiyoda-Ku, Tokyo 100-8355 (JP).

(81) CN KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60**

(11) **WO 01/73632** (13) A1

(21) PCT/JP01/02812

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-99138 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PATROL SERVICE SCHEDULE PREPARATION METHOD, PREPARATION SYSTEM AND PREPARATION DEVICE

• PROCEDE DE PREPARATION DE PROGRAMME DE REVISION DE CONTROLE, SYSTEME DE PREPARATION ET DISPOSITIF DE PREPARATION

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijyukumachi, Tsuchiurashi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 4-203, Sakae-chou, Ushikushi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Ohyama, Mihomura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi**

[JP/JP]; 1082-66, Taguuchou, Ushikushi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shihouryou, 2-20-29, Kandatsuchuuou, Tsuchiurashi, Ibaraki 300-0011 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tonemachi, Kitasouma-gun, Ibaraki 300-1622 (JP).

(74) **NAGAI, Fuyuki**; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60, E02F 9/26**

(11) **WO 01/73633** (13) A1

(21) PCT/JP01/02852

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) ja (26) ja

(30) 2000-98055 **31 Mar/mar 2000 JP (31.03.2000)**

(30) 2000-99164 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CONSTRUCTION MACHINE MANAGING METHOD AND SYSTEM, AND ARITHMETIC PROCESSING DEVICE

• PROCEDE ET SYSTEME DE GESTION DE MACHINES DE CONSTRUCTION ET DISPOSITIF DE TRAITEMENT ARITHMETIQUE

(71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Koraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijukumachi, Tsuchiura-shi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 203, Sakaecho 4-chome, Ushiku-shi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Oyama, Miho-mura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Tagucho, Ushiku-shi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shihou-ryou, 20-29, Kandatsuchuo 2-chome, Tsuchiura-shi, Ibaraki 300-0011 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tonemachi, Kitasouma-gun, Ibaraki 300-1622 (JP).

(74) **KASUGA, Yuzuru**; 7F, Kyodo Building-Shinkodenmacho, 1-3, Nihonbashi-Kodenmacho, Chuo-ku, Tokyo 103-0001 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60, 19/00**

(11) **WO 01/73634** (13) A1

(21) PCT/KR01/00467

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ko (26) en

(30) 2000/15387 **25 Mar/mar 2000 KR (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR A RESEARCH OF PUBLIC OPINION ON LINE

• PROCEDE DE SONDAGE D'OPINION PUBLIQUE EN LIGNE

(71, 72) **WI, Byoung-Joon** [KR/KR]; 656-1177 Ho, 2 Dong, Seongsu 1 Ga, Seongdong-Gu, Seoul 133-823 (KR). **YEO, Su-Ho** [KR/KR]; 16/3, 609-118, Bangwha 1 Dong, Gangseo-Gu, Seoul 157-852 (KR).

(81) CN JP US.

(51)⁷ **G06F 17/60**

(11) **WO 01/73635** (13) A1

(21) PCT/KR01/00073

(22) **17 Jan/jan 2001 (17.01.2001)**

(25) ko (26) en

(30) 2000/2278 **18 Jan/jan 2000 KR (18.01.2000)**

(30) 2000/28017 **24 May/mai 2000 KR (24.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ADVERTISEMENT METHOD OF BIDIRECTIONAL MEDIA

• PROCEDE PUBLICITAIRE POUR SUPPORT BIDIRECTIONNEL

(71, 72) **OH, Sang-Hwan** [KR/KR]; 102-805 Useong APT, Jamwan-Dong, Seocho-Gu, Seoul 137-030 (KR).

(74) **KIM, Eun-Gu**; Pedison International Patent and Law Office, 824-28 Yoksam-Dong, Kangnam-Gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60, G01D 4/08, H04Q 9/00**

(11) **WO 01/73636** (13) A1

(21) PCT/NO01/00118

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) no (26) en

(30) 20001581 **27 Mar/mar 2000 NO (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A METHOD AND A SYSTEM FOR METERING CONSUMER NON-DURABLES, IN PARTICULAR ELECTRICITY, GAS AND WATER

• PROCEDE ET SYSTEME DE MESURE DE BIENS DE CONSOMMATION COURANTS, NOTAMMENT L'ELECTRICITE, LE GAZ ET L'EAU

(71) **POWERCOM EUROPE AS** [NO/NO]; Grønnvoldsveien 1, N-3830 Ulefoss (NO). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NICOLAISEN, Jan, Fredrik** [NO/NO]; P.O. Box 494, N-1323 Høvik (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁶ **G06F 17/60**

(11) **WO 01/73637** (13) A1

(21) PCT/US00/07913

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AGENT MANAGED VIRTUAL PROSPECTING

• PROSPECTION VIRTUELLE GEREE PAR UN AGENT

(71) **MINDARROW SYSTEMS, INC.** [US/US]; 101 Enterprise, #340, Aliso Viejo, CA 92656 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MCEWAN, Rick** [US/US]; MindArrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US). **WOLFINGTON, Scott** [US/US]; MindArrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).

(74) **FISH, Robert**; Fish & Associates, LLP, 1440 N. Harbor Blvd., Suite 706, Fullerton, CA 92835 (US).

(81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁶ **G06F 17/60**

(11) **WO 01/73638** (13) A1

(21) PCT/US00/07915

(22) **24 Mar/mar 2000 (24.03.2000)**

(25) en (26) en

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● INTERACTIVE COMMERCIALS AS INTERFACE TO A SEARCH ENGINE
● MESSAGES PUBLICITAIRES INTERACTIFS UTILISES COMME INTERFACE AVEC UN MOTEUR DE RECHERCHE
- (71) **MINDARROW SYSTEMS, INC.** [US/US]; 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLAKELEY, Thomas** [US/US]; Mindarrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US). **MCEWAN, Rick** [US/US]; Mindarrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).
- (74) **FISH, Robert** et al. / etc.; Fish & Associates, LLP, Suite 706, 1440 N. Harbor Boulevard, Fullerton, CA 92835 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁷ **G06F 17/60, 13/00**
- (11) **WO 01/73640** (13) A1
- (21) PCT/US00/07997
- (22) **24 Mar/mar 2000 (24.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● E-MAIL WITH RICH-MEDIA BANNER
● COURRIER ELECTRONIQUE A BANDEAU DE TYPE MEDIA ENRICH
- (71) **MINDARROW SYSTEMS, INC.** [US/US]; 101 Enterprise #340, Aliso Viejo, CA 92656 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLAKELEY, Thomas** [US/US]; Ecommercial.com, Inc., 101 Enterprise #340, Aliso Viejo, CA 92656 (US). **MCEWAN, Rick** [US/US]; Ecommercial.com, Inc., 101 Enterprise #340, Aliso Viejo, CA 92656 (US).
- (74) **FISH, Robert** et al. / etc.; Fish & Associates, LLP, Suite 706, 1440 N. Harbor Boulevard, Fullerton, CA 92835 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁶ **G06F 17/60**
- (11) **WO 01/73639** (13) A1
- (21) PCT/US00/07926
- (22) **24 Mar/mar 2000 (24.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● STREAMING USING MULTIPLE DATA FILES
● TRANSMISSION EN TEMPS REEL AU MOYEN DE FICHIERS DE DONNEES MULTIPLES
- (71) **MINDARROW SYSTEMS, INC.** [US/US]; 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCEWAN, Rick** [US/US]; Mindarrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US). **HERRING, Serge** [US/US]; Mindarrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).
- (74) **FISH, Robert;** Fish & Associates, LLP, 1440 N. Harbor Blvd., Suite 706, Fullerton, CA 92835 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁶ **G06F 17/60**
- (11) **WO 01/73641** (13) A1
- (21) PCT/US00/08114
- (22) **24 Mar/mar 2000 (24.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● CREATION OF CUSTOM MESSAGES USING VIRTUAL PROSPECTING
● CREATION DE MESSAGES PERSONNALISES UTILISANT UNE RECHERCHE VIRTUELLE DE CLIENTS
- (71) **MINDARROW SYSTEMS, INC.** [US/US]; 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLAKELEY, Thomas** [US/US]; Mindarrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US). **MCEWAN, Rick** [US/US]; Mindarrow Systems, Inc., 101 Enterprise, #340, Aliso Viejo, CA 92656 (US).
- (74) **FISH, Robert** et al. / etc.; Fish & Associates, LLP, Suite 706, 1440 N. Harbor Boulevard, Fullerton, CA 92835 (US).
- (81) AE AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (a)
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- (51)⁶ **G06F 17/60**
- (11) **WO 01/73642** (13) A1
- (21) PCT/US00/08169
- (22) **27 Mar/mar 2000 (27.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYSTEMS AND METHODS OF VIRAL MARKETING
● SYSTEMES ET PROCEDES DE MERCATIQUE VIRALE
- (71) **MIND ARROW SYSTEMS** [US/US]; 101 Enterprise #340, Aliso Viejo, CA 92656 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MCEWAN, Rick** [US/US]; MindArrow Systems Inc., 101 Enterprise #340, Aliso Viejo, CA 92656 (US). **PETERSON, Robert** [US/US]; MindArrow Systems Inc., 101 Enterprise #340, Aliso Viejo, CA 92656 (US).
- (74) **FISH, Robert, D.** et al. / etc.; FISH & ASSOCIATES, LLP, Suite 706, 1440 N. Harbor Blvd., Fullerton, CA 92835 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI 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 NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60

(11) WO 01/73643 (13) A2

(21) PCT/US01/10318

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 60/192,968 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR TARGETING AND SERVING MESSAGES BASED ON COMPLEX USER PROFILES

• SYSTEME ET PROCEDE DE CIBLAGE ET DE DISTRIBUTION DE MESSAGES, EN FONCTION DE PROFILS UTILISATEURS COMPLEXES

(71) WINWIN TECHNOLOGIES, LTD. [US/US]; Suite 400, 419 Boylston St., Boston, MA 02116 (US).

(72) MAYADAS, Vijay; c/o WinWin Technologies, Ltd., Suite 400, 419 Boylston St., Boston, MA 02116 (US).

(74) CHOW, Stephen, Y. et al. / etc.; Perkins, Smith & Cohen, LLP, 30th floor, One Beacon Street, Boston, MA 02108 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/193,171 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR GENERATING A VALUE BEARING INSTRUMENT

• PROCEDE ET APPAREIL DE CREATION D'UN INSTRUMENT PORTEUR DE VALEURS

(71) CMA BUSINESS CREDIT SERVICES [US/US]; 40 East Verdugo Avenue, Burbank, CA 91502 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) OKAMOTO, Steve, Atsushi [US/US]; 5512 Calle de Arboles, Torrance, CA 90505 (US). SCHATTMAIER, Steven, Miller [US/US]; 3 Winterhaven, Irvine, CA 92614 (US). VON KAENEL, Tim [US/US]; 12 Lake View Drive, Cote de Caza, CA 92679 (US). ZEILE, Mike, Todd [US/US]; 27627 Harwick Place, Valencia, CA 91354 (US).

(74) NIXON, Dale, B. et al. / etc.; Sidley & Austin, Suite 3400, 717 N. Harwood, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ G06F 17/60

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(21) PCT/US01/10529

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 09/537,584 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCUREMENT SYSTEM AND METHOD HAVING INTERACTIVE FUNCTIONALITY

• SYSTEME ET PROCEDE D'APPROVISIONNEMENT A FONCTIONNALITE INTERACTIVE

(71) REALITYBUY.COM, INC. [US/US]; Suite 150-A, 31 Technology Drive West, Irvine, CA 92618 (US). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) LEJESKAR, Dan [SE/US]; 9771 Briar Lane, Santa Ana, CA 92705 (US). LAURITZEN, Christian [SE/US]; 1525 Placentia, F-2, Newport Beach, CA 92663 (US). JACOBSSON, Mikael [SE/US]; 134 Lessay, Newport Coast, CA 92657 (US).

(74) MILLER, Scott, R.; Riordan & McKinzie, 29th Floor, 300 South Grand Avenue, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(22) 31 Jan/jan 2001 (31.01.2001)

(25) en (26) en

(30) 09/537,852 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD OF REAL-TIME ELECTRONIC COMMERCE

• SYSTEME ET METHODE DE COMMERCE ELECTRONIQUE EN TEMPS REEL

(71) ZULUNET, INC. [US/US]; 6200 Hazeltine National Drive, Orlando, FL 32822 (US).

(72) FOX, Peter, F.; 950 Lancaster Drive, Orlando, FL 32806 (US).

(74) WARTHER, Richard, K.; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 255 South Orange Avenue, Suite 1401, P.O. Box 3791, Orlando, FL 32802-3791 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06F 17/60

(11) WO 01/73647 (13) A2

(21) PCT/US01/40374

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 09/536,258 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HEDGING EXCHANGE TRADED MUTUAL FUNDS OR OTHER PORTFOLIO BASKET PRODUCTS

• COUVERTURE DE FONDS COMMUNS DE PLACEMENT OU D'AUTRES PRODUITS DE PANIER DE PORTEFEUILLE ECHANGES

(63) US 09/536,258 (CON) 27 Mar/mar 2000 (27.03.2000)

(71) THE AMERICAN STOCK EXCHANGE, LLC [US/US]; 86 Trinity Place, New York, NY 10006-1872 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) GASTINEAU, Gary, L. [US/US]; 26 Knollwood Road, Short Hills, NJ 07078 (US). WEBER, Clifford [US/US]; 6 Chadwick Court, Denville, NJ 07834 (US).

(74) MALONEY, Denis, G.; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(21) PCT/US01/06624

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 60/192,927 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/628,997 **31 Jul/juil 2000 US (31.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD, SYSTEM AND STORAGE MEDIUM FOR MEASURING PRODUCT DELIVERY

• PROCEDE, SYSTEME ET SUPPORT DE STOCKAGE POUR MESURER LA LIVRAISON D'UN PRODUIT

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **VAN ABELEN, Petrus, Cornelius, A., M.**; 291 Saugatuck Avenue, Westport, CT 06880 (US). **PETERSON, James**; 27 Glenn Hollow Drive, Monroe, CT 06468 (US). **WALKER, Peter, R.**; 75 Gate Ridge Road, Fairfield, CT 06432 (US). **HEWETT, Wayne, M.**; Hinokizaka Compound D, 6-19-33, Akasaka, Minato-ku, Tokyo 107-005 (JP). **KOLBERG, Raymond, F.**; 84 Elmore Drive, Dalton, MA 01226 (US). **CAMPO, Peter, J.**; 6677 River Ridge Drive, Newburgh, IN 47630 (US). **VAN DE GRAMPPEL, Hendrik, Theodorus**; Koepeldwarsstraat 1, NL-4611 JV Bergen op Zoom (NL). **EDWARDS, Elena, K.**; 344 Charity Circle, Evansville, IN 47712 (US).

(74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(11) **WO 01/73649** (13) A2

(21) PCT/US01/08661

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/538,629 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTERACTIVE WAGERING SYSTEM WITH MACROS

• SYSTEME DE PARI INTERACTIF ASSORTI DE MACROS

(71) **ODS PROPERTIES, INC.** [US/US]; 12421 West Olympic Boulevard, Los Angeles, CA 90064 (US).

(72) **MARSHALL, Connie, T.**; 2991 S. Woodland Road, Muskogee, OK 74401 (US). **SATTERFIELD, Kevin, D.**; Intellocity, 10810 East 45th Street, Suite 310, Tulsa, OK 74146 (US). **ZARING, Jon, C.**; 1400 Lake Hearn Drive, NE, Atlanta, GA 30319 (US). **GARAH, Masood**; 2802 North Torrey's Peak Drive, Superior, CO 80027 (US). **ARONSON, Thomas, L.**; 1473 Periwinkle Drive, Boulder, CO 80304 (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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

Declarations / Déclarations :

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(t) for all designations / pour toutes les désignations

(51)⁷ **G06F 17/60**

(11) **WO 01/73650** (13) A1

(21) PCT/US01/08717

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/534,180 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR USING AN EXPERT SYSTEM TO EXECUTE BUSINESS TRANSACTION DOCUMENTS TO FACILITATE ELECTRONIC COMMERCE

• PROCEDE ET APPAREIL QUI, POUR FACILITER LE COMMERCE ELECTRONIQUE, UTILISENT UN SYSTEME EXPERT POUR L'EXECUTION DE DOCUMENTS DE TRANSACTION COMMERCIALE

(71) **XBRIDGE SOFTWARE, INC.** [US/US]; 909 Kings Bridge Road, Garland, TX 75040 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROYAL, Gregory, T.** [NZ/US]; 3700 Preston Road, #926, Plano, TX 75093 (US).

(74) **DELEON, Ruben, C.** et al. / etc.; Haynes and Boone, LLP, 901 Main Street, Suite 3100, Dallas, TX 75202 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **G06F 17/60**

(11) **WO 01/73651** (13) A2

(21) PCT/US01/08771

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/191,997 **24 Mar/mar 2000 US (24.03.2000)**

(30) 09/615,197 **13 Jul/juil 2000 US (13.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND SYSTEM FOR MANAGING THE MANUFACTURE OF CUSTOMIZED GOODS

• PROCEDE ET SYSTEME DE GESTION DE LA FABRICATION DE BIENS PERSONNALISES

(71) **FACTORY LOGIC SOFTWARE, INC.** [US/US]; Suite 320, 6850 Austin Center Boulevard, Austin, TX 78731 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEBOVITZ, Richard, V.** [US/US]; 5419 Petticoat Lane, Austin, TX 78746 (US). **PEREZ, Enrique, M.** [US/US]; Unit 403, 6000 Shepherd Mt. Cove, Austin, TX 78730 (US).

(74) **MATSIL, Ira, S.**; Slater & Matsil, L.L.P., Suite 300, 15150 Preston Road, Dallas, TX 75248 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(21) PCT/US01/08815
(22) **19 Mar/mar 2001 (19.03.2001)**
(25) en (26) en
(30) 09/535,298 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • SYSTEM AND METHOD FOR DETECTING FRAUDULENT TRANSACTIONS

• SYSTEME ET PROCEDE SERVANT A DETECTER DES TRANSACTIONS FRAUDULEUSES

(71) **ALTICOR INC.** [US/US]; 7575 Fulton Street East, Ada, MI 49355-0001 (US).

(72) **HILLMER, James, M.**; 2053 Eastcastle, S.E., Grand Rapids, MI 49508 (US). **JONES, Richard, A.**; 2961 Alger S.E., Grand Rapids, MI 49546 (US). **GESSNER, Colleen, M.**; 3141 Boyes N.E., Grand Rapids, MI 49525 (US). **JOHNSTON, Connie, S.**; 4253 Curwood, S.E., Grand Rapids, MI 49508 (US). **MARTIN, Norene, K.**; 406 N. Monroe Street, Lowell, MI 49331 (US).

(74) **KATZ, James, L.**; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60**
(11) **WO 01/73653** (13) A1
(21) PCT/US01/09307
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 60/192,071 **24 Mar/mar 2000 US (24.03.2000)**

(30) 09/814,143 **21 Mar/mar 2001 US (21.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MEDICAL INFORMATION MANAGEMENT SYSTEM AND PATIENT INTERFACE APPLIANCE

• SYSTEME DE GESTION D'INFORMATIONS MEDICALES ET SYSTEME INTERFACE PATIENT

(71) **RESPIRONICS, INC.** [US/US]; 1501 Ardmore Boulevard, Pittsburgh, PA 15221-4401 (US).

(72) **SUN, Jianguo**; 101 Frog Valley Lane, Belmont, CA 94002 (US). **CROUCH, Robert, D.**; 176 Mountainview Drive, Monroeville, PA 15146 (US). **SCARBERRY, Eugene, N.**; 208 Terrace Court Road, Trafford, PA 15085 (US). **KAIGLER, William, J.**; 711 Altman

Street, North Huntington, PA 15642 (US). **TVERSKAYA, Julia**; 474 West Charleston Road, Palo Alto, CA 94306 (US). **HUANG, Kenny, Chitai**; 731 Timberpine Avenue, Sunnyvale, CA 94086 (US). **KWOK, Andrew**; 43622 Skye Road, Fremont, CA 94539 (US).

(74) **GASTINEAU, Cheryl, L.**; Reed Smith LLP, P.O. Box 488, Pittsburgh, PA 15230-0488 (US).

(81) AU BR CA JP

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G06F 17/60**
(11) **WO 01/73654** (13) A1
(21) PCT/US01/09393

(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en

(30) 60/191,901 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SECURITIZING FINANCIAL ASSETS
• PROCEDE POUR SECURISER LES ACTIFS FINANCIERS

(71) **SHEARMAN & STERLING** [US/US]; 599 Lexington Avenue, New York, NY 10022 (US).
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(72, 75) **BARNETT, Gary** [GB/GB]; 353 Fairmont Road, Ridgewood, NJ 07450 (GB).

(74) **BOUNDY, David, E.** et al. / etc.; Shearman & Sterling, 599 Lexington Avenue, New York, NY 10022 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(11) **WO 01/73655** (13) A1
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(25) en (26) en
(30) 60/192,098 **24 Mar/mar 2000 US (24.03.2000)**

(30) Not furnished / non communiqué **21 Mar/mar 2001 US (21.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYNDICATION LOAN ADMINISTRATION AND PROCESSING SYSTEM

• SYSTEME DE TRAITEMENT ET D'ADMINISTRATION DE CREDIT SYNDIQUE

(71) **THE CHASE MANHATTAN BANK** [US/US]; 270 Park Avenue, 41st Floor, New York, NY 10017 (US).

(72) **LOUIE, Edmund, H.**; c/o The Chase Manhattan Bank, 1 Chase Manhattan Plaza, 8th Floor, New York, NY 10081 (US). **CAMPBELL, Michael, P.**; c/o The Chase Manhattan Bank, 95 Wall Street, 9th Floor, New York, NY 10005 (US).

(74) **SCHEER, Michael, J.** 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 17/60**
(11) **WO 01/73656** (13) A1
(21) PCT/US01/09515
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 09/536,876 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND SYSTEM FOR CONDUCTING BUSINESS-TO-BUSINESS TRANSACTIONS IN AN ELECTRONIC NETWORK

• PROCEDE ET SYSTEME PERMETTANT D'OPERER DES TRANSACTIONS COMMERCIALES DANS UN RESEAU ELECTRONIQUE

(71) **INTERSHOP SOFTWAREENTWICKLUNGS GMBH** [DE/DE]; Leutragraben 2-4, 07743 Jena (DE).
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(71, 72) **SCHAMBACH, Stephan** [DE/US]; 3329 El Sobrante, San Mateo, CA 94403 (US).

(74) **NEBB, Richard**; Dergosits & Noah LLP, Suite 1150, Four Embarcadero Center, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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- (51)⁷ **G06F 17/60**
 (11) **WO 01/73657** (13) A1
 (21) PCT/US01/09584
 (22) **26 Mar/mar 2001 (26.03.2001)**
 (25) en (26) en
 (30) 60/191,904 **24 Mar/mar 2000 US (24.03.2000)**
 (30) 60/191,847 **24 Mar/mar 2000 US (24.03.2000)**
 (30) 09/560,889 **28 Apr/avr 2000 US (28.04.2000)**
 (30) 09/564,828 **4 May/mai 2000 US (04.05.2000)**
 (30) 09/565,126 **4 May/mai 2000 US (04.05.2000)**
 (30) 09/790,897 **23 Feb/fév 2001 US (23.02.2001)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • PATENT-RELATED TOOLS AND METHODOLOGY FOR USE IN THE LICENSING PROCESS, GENERAL MANAGEMENT OF A BUSINESS AND IN THE MERGER AND ACQUISITION PROCESS
 • OUTILS AFFERENTS AUX BREVETS ET METHODOLOGIE D'UTILISATION DANS LE PROCESSUS D'OCTROI DE LICENCE, LA GESTION GENERALE D'UNE ENTREPRISE ET DANS LE PROCESSUS DE FUSION ET D'ACQUISITION
 (71) **AURIGIN SYSTEMS, INC.** [US/US]; 10710 North Tantau Avenue, Cupertino, CA 95014-0717 (US).
 (71, 72) **GERMERAAD, Paul, B.** [US/US]; 14606 Horseshoe Drive, Saratoga, CA 95070 (US). **HOHMANN, Luke** [US/US]; 306 Windmill Park Lane, Mountain View, CA 94043 (US). **RAPPAPORT, Irving, S.** [US/US]; 1500 Edgewood Drive, Palo Alto, CA 94303 (US). **RIVETTE, Kevin, G.** [US/US]; 2165 Waverly Street, Palo Alto, CA 94303 (US). **HEATON, Sheryl, Ann** [US/US]; 2509 Buena Vista Avenue, Belmont, CA 94002 (US).
 (74) **LEE, Michael, Q.** et al. / etc.; Sterne, Kessler, Goldstein, & Fox P.L.L.C., Suite 600, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/60**
 (11) **WO 01/73658** (13) A2
 (21) PCT/US01/09672
 (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
 (30) 60/191,992 **24 Mar/mar 2000 US (24.03.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • SYSTEMS AND METHODS FOR CORRECTING SUPPLY/DEMAND IMBALANCES IN MULTI-TIER EXCHANGES
 • SYSTEMES ET PROCEDES SERVANT A CORRIGER DES DESEQUILIBRES ENTRE L'OFFRE ET LA DEMANDE DANS DES ECHANGEURS A SUBDIVISIONS MULTIPLES
 (63) US 60/191,992 (CIP) 24 Mar/mar 2000 (24.03.2000)
- (25) en (26) en
 (30) 60/192,833 **29 Mar/mar 2000 US (29.03.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • SYSTEM AND METHODS FOR DESIGNING GROUP RETIREMENT PLANS
 • SYSTEME ET PROCEDES D'ELABORATION DE REGIMES DE RETRAITE COLLECTIFS
 (71) **PRINCIPAL FINANCIAL SERVICES, INC.** [US/US]; 711 High Street, Des Moines, IA 50392 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **CUSHING, James, K.** [US/US]; 711 High Street, Des Moines, IA 50392 (US). **DAUGHERTY, Michael, J.** [US/US]; 711 High Street, Des Moines, IA 50392 (US). **DONNELLY, Thomas, J.** [US/US]; 711 High Street, Des Moines, IA 50392 (US). **EL-LIS, Angela, M.** [US/US]; 711 High Street, Des Moines, IA 50392 (US). **KLIEGL, Patricia, M.** [US/US]; 711 High Street, Des Moines, IA 50392 (US). **KELLY, William, J.** [US/US]; 711 High Street, Des Moines, IA 50392 (US). **KOHLER, Kara, M.** [US/US]; 711 High Street, Des Moines, IA 50392 (US). **PREY, Richard, L.** [US/US]; 711 High Street, Des Moines, IA 50392 (US). **RENKEN, Troy, G.** [US/US]; 711 High Street, Des Moines, IA 50392 (US).
 (74) **HARTY, Jeffrey, D.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).
 (81) AE AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 17/60**
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 (22) **27 Mar/mar 2001 (27.03.2001)**
 (25) en (26) en
 (30) 60/192,309 **27 Mar/mar 2000 US (27.03.2000)**
 (30) 60/206,546 **24 May/mai 2000 US (24.05.2000)**
 (30) 60/246,078 **7 Nov/nov 2000 US (07.11.2000)**
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • COMPUTER-IMPLEMENTED WEB DATABASE SYSTEM FOR STAFFING OF PERSONNEL
 • SYSTEME DE BASE DE DONNEES WEB ACTIVEE PAR ORDINATEUR DESTINE A LA GESTION DU PERSONNEL
 (71) **LAWCORPS** [US/US]; 1819 L Street, N.W., 9th Floor, Washington, DC 20036 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ARROWOOD, Bryce** [US/US]; c/o LawCorps, 1819 L Street, N.W., 9th Floor, Washington, DC 20036 (US).
 (74) **DONNER, Irah** 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 CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **G06F 17/60**
(11) **WO 01/73661** (13) A1
(21) PCT/US01/09697
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,600 **27 Mar/mar 2000 US (27.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) ● BUSINESS TECHNOLOGY EXCHANGE AND COLLABORATION SYSTEM
● SYSTEME D'ECHANGE ET DE COOPERATION EN MATIERE DE TECHNOLOGIE D'AFFAIRES

- (71) **VERTICAL*1 INC.** [US/US]; 50 First Street, San Francisco, CA 94105 (US).
(72) **EISENHART, Fritz**; 1678 38th Avenue, San Francisco, CA 94122 (US).
(74) **WASZKIEWICZ, Kenneth, P.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154-0053 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

- (51)⁷ **G06F 17/60**
(11) **WO 01/73662** (13) A2
(21) PCT/US01/09758
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,384 **27 Mar/mar 2000 US (27.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHOD AND SYSTEM FOR DELIVERING CONTENT AND DIRECT MARKETING OVER A NETWORK
● PROCEDE ET SYSTEME DE COMMUNICATION DE CONTENU ET DE VENTE DIRECTE SUR UN RESEAU

- (71) **TRANSACTIVE SOLUTIONS, INC.** [US/US]; Summer Exchange Building, Suite 400, 101 Arch Street, Boston, MA 02110 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **BATAILLON, Marc** [US/US]; 185 Marlboro Street, Boston, MA 02116 (US).
GLASS, Jeffrey [US/US]; 25 Regent Circle, Brookline, MA 02445 (US).

- (74) **GISH, Jason** et al. / etc.; Patent Group, Foley, Hoag & Eliot, LLP, One Post Office Square, Boston, MA 02109 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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- (51)⁷ **G06F 17/60**
(11) **WO 01/73663** (13) A1
(21) PCT/US01/09849
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,979 **28 Mar/mar 2000 US (28.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHOD AND SYSTEM FOR CREATING A MULTI-TIERED, E-COMMERCE EXTRANET FOR A COMMUNITY OF BUSINESSES

- PROCEDE ET SYSTEME POUR LA CREATION D'UN RESEAU EXTRANET DE COMMERCE ELECTRONIQUE A PLUSIEURS NIVEAUX POUR UNE COMMUNAUTE D'ETABLISSEMENTS

- (71, 72) **BUNNELL, Renee** [US/US]; 61 Woods Road, P.O. Box 61, Palisades, NY 10964 (US).

- (74) **HANCHUK, Walter, G.** et al. / etc.; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- (51)⁷ **G06F 17/60**
(11) **WO 01/73664** (13) A2
(21) PCT/US01/09860
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/191,779 **24 Mar/mar 2000 US (24.03.2000)**

- (30) 09/590,502 **9 Jun/juin 2000 US (09.06.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● METHOD AND SYSTEM FOR SITUATION TRACKING AND NOTIFICATION

- PROCEDE ET SYSTEME DE SURVEILLANCE DE SITUATION ET DE NOTIFICATION

- (63) US 09/590,502 (CON)
Not furnished / non communiquée

- (71, 72) **PICCIONI, Robert, L.** [US/US]; 1009 Paintbrush Drive, Mesquite, TX 75149 (US).

- (74) **TALPIS, Matthew, B.**; Baker Botts LLP, Suite 600, 2001 Ross Avenue, 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 EE ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁷ **G06F 17/60**
(11) **WO 01/73665** (13) A1
(21) PCT/US01/09888
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,843 **29 Mar/mar 2000 US (29.03.2000)**
(30) 09/606,647 **29 Jun/juin 2000 US (29.06.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) ● METHOD AND DEVICE FOR PROVIDING CONTINUOUS AUCTIONS OVER A COMMUNICATIONS NETWORK
● PROCEDE ET DISPOSITIF PERMETTANT DES ENCHERES CONTINUES SUR UN RESEAU DE TELECOMMUNICATIONS

- (71) **MARKETBOY INC.** [US/US]; Suite 1503, 488 Madison Avenue, New York, NY 10022 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WIERZYNSKI, Casimir** [US/US]; 147 East 37th Street, New York, NY 10016 (US).

- (74) **GEHRIS, William, C.**; Davidson, Davidson & Kappel, LLC, 14th Floor, 485 Seventh Avenue, New York, NY 10018 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- (51)⁷ **G06F 17/60**
- (11) **WO 01/73666** (13) A1
- (21) PCT/US01/09937
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,523 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYSTEMS AND METHODS FOR ANALYZING BUSINESS PROCESSES
- SYSTEMES ET PROCEDES D'ANALYSE DE METHODES COMMERCIALES
- (71) **SEEBEYOND TECHNOLOGY CORPORATION** [US/US]; 404 East Huntington Drive, Monrovia, CA 91016 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALDORF, Jerry, A.** [US/US]; 7251 Glenhaven Court, West Hills, CA 91317 (US).
DEMETRIADES, Alexander [US/US]; 1147 Blanche, Pasadena, CA 91106 (US).
ANDRIANOPOULOS, Alex [GR/US]; 400 East California Boulevard #23, Pasadena, CA 91106 (US).
- (74) **DELANEY, Karoline, A.**; Knobbe, Martens, Olson & Bear, LLP, 620 Newport Center Drive, 16th Floor, Newport Beach, CA 92660 (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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 19/00**
- (11) **WO 01/73667** (13) A1
- (21) PCT/KR01/00456
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) ko (26) en
- (30) 2000/15904 **28 Mar/mar 2000 KR (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD FOR MANAGING CYBER LIBRARIES AND CYBER BOOKSTORES ON INTERNET
- PROCEDE DE GESTION DE CYBER-BIBLIOTHEQUES ET DE CYBER-LIBRAIRIES SUR INTERNET
- (71, 72) **LEE, Soo-Chul** [KR/KR]; 201-503 Dongmoon Apt., 960-6 Ilsan-dong, Ilsan-gu, Koyang-shi, Kyonggi-do 411-310 (KR).
- (74) **HONG, Jae-II**; The Second Floor Halla Classic Building, 824-11 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 19/00**
- (11) **WO 01/73668** (13) A1
- (21) PCT/US01/00503
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 2000/15785 **28 Mar/mar 2000 KR (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD OF ARRANGING A MATCH BETWEEN SPORTS TEAMS THROUGH THE INTERNET AND RECORDING MEDIUM THEREFOR
- PROCEDE D'ORGANISATION PAR INTERNET D'UN MATCH ENTRE DES EQUIPES SPORTIVES ET SUPPORT D'ENREGISTREMENT PREVU A CET EFFET
- (71) **SPORTSLOVE CO., LTD.** [KR/KR]; 3th Fl., Donghee B/D, 566-19, Shinsa-dong, Kangnam-ku, Seoul 135-120 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YANG, Wook** [KR/KR]; 102-107 Hyundai Apt., 426 Apkujung-dong, Kangnam-ku, Seoul 135-110 (KR).
YOO, Sung-Hyun [KR/KR]; 201 Eunhasu villa, 57-2 Seokchon-dong, Songpa-ku, Seoul 138-190 (KR).
OHO, Se-Jin [KR/KR]; 108-710 Hanjin Apt., Kwangmyung-dong, Kwangmyung-city, Kyungki-do 423-010 (KR).
- (74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 19/00**
- (11) **WO 01/73670** (13) A1
- (21) PCT/US01/07359
- (22) **8 Mar/mar 2001 (08.03.2001)**
- (25) en (26) en
- (30) 09/534,783 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 09/586,336 **2 Jun/juin 2000 US (02.06.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DYNAMIC FEED CONTROL OPTIMIZATION SYSTEM FOR CNC MACHINING
- SYSTEME D'OPTIMISATION DE LA COMMANDE D'ALIMENTATION POUR USINAGE CNC
- (71) **MANUFACTURING SCIENCE TECHNOLOGIES, LTD.** [US/US]; 2505 Laurel Valley Lane, Arlington, TX 76006 (US).
- (72) **ALLEN, William, D.**; 2505 Laurel Valley Lane, Arlington, TX 76006 (US).
- (74) **JACKSON, James, L.**; Mayor, Day, Caldwell, & Keeton, L.L.P., Suite 1900, 700 Louisiana, Houston, TX 77002-2778 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 19/00**
- (11) **WO 01/73669** (13) A2
- (21) PCT/US01/10132
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/193,010 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● NETWORK BASED METHOD AND APPARATUS FOR REMOTE THERAPY
- PROCEDE ET APPAREIL POUR THERAPIE A DISTANCE UTILISANT UN RESEAU
- (71) **NEUROFEED.COM, LLC** [US/US]; 49 Sprain Valley Road, Scarsdale, NY 10583 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOLPERT, Brian** [US/US]; 49 Sprain Valley Road, Scarsdale, NY 10583 (US).
- (74) **SKLAR, Warren, A.** et al. / etc.; Renner, Otto, Boisselle & Sklar, LLP, 1621 Euclid Avenue, 19th Fl., Cleveland, OH 44115 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06F 19/00**
- (11) **WO 01/73671** (13) A1
- (21) PCT/US01/07359
- (22) **8 Mar/mar 2001 (08.03.2001)**
- (25) en (26) en
- (30) 09/534,783 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 09/586,336 **2 Jun/juin 2000 US (02.06.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DYNAMIC FEED CONTROL OPTIMIZATION SYSTEM FOR CNC MACHINING
- SYSTEME D'OPTIMISATION DE LA COMMANDE D'ALIMENTATION POUR USINAGE CNC
- (71) **MANUFACTURING SCIENCE TECHNOLOGIES, LTD.** [US/US]; 2505 Laurel Valley Lane, Arlington, TX 76006 (US).
- (72) **ALLEN, William, D.**; 2505 Laurel Valley Lane, Arlington, TX 76006 (US).
- (74) **JACKSON, James, L.**; Mayor, Day, Caldwell, & Keeton, L.L.P., Suite 1900, 700 Louisiana, Houston, TX 77002-2778 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G06F 19/00**

(11) **WO 01/73671** (13) A1

(21) PCT/US01/09342

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/536,739 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR FORECAST AND ORDER PROCESSING

• SYSTEME ET PROCEDE DE TRAITEMENT DE PREVISIONS ET D'ORDRES

(71) **INC2INC TECHNOLOGIES CORPORATION** [US/US]; Suite 1630, 9400 N. Central Expressway, Dallas, TX 75231 (US).

(72) **RENNER, Christopher, P.**; 7208 Colgate Avenue, Dallas, TX 75225 (US). **SEXTON, R., Scott**; 7511 Villa Nova, Dallas, TX 75225 (US).

(74) **ROURK, Christopher, J.**; Akin, Gump, Strauss, Hauer & Feld, LLP, Suite 4100, 1700 Pacific Avenue, Dallas, TX 75201-4675 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 19/00**

(11) **WO 01/73672** (13) A2

(21) PCT/US01/09726

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,496 **28 Mar/mar 2000 US (28.03.2000)**

(30) 60/192,706 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHODS, SYSTEMS AND COMPUTER PROGRAM PRODUCTS FOR DYNAMIC SCHEDULING AND MATRIX COLLECTING OF DATA ABOUT SAMPLES

• PROCEDES, SYSTEMES ET PROGI-CIELS POUR LA PROGRAMMATION DYNAMIQUE ET COLLECTION DE DONNEES DE MATRICE CONCERNANT DES ECHANTILLONS

(71) **PARADIGM GENETICS, INC.** [US/US]; 104 Alexander Drive, Building 2, P.O. Box 14528, Research Triangle Park, NC 27709-4528 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARRETT, Thomas, H., Jr.** [US/US]; 2105 Hillock Drive, Raleigh, NC 27612 (US). **COREY, D., DeHaven** [US/US]; 2744 Glas-tonbury Road, Apex, NC 27502 (US).

(74) **SALE, Elaine, T.** et al. / etc.; Paradigm Genetics, Inc., 104 Alexander Drive, Building 2, P.O. Box 14528, Research Triangle Park, NC 27709 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06F 116/**

(11) **WO 01/73673** (13) A2

(21) PCT/EP01/03738

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) de (26) de

(30) 100 16 117.0 **31 Mar/mar 2000 DE (31.03.2000)**

(30) PCT/EP00/04735 **24 May/mai 2000 EP (24.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UNIVERSAL DIGITAL MOBILE DEVICE

• APPAREIL MOBILE NUMERIQUE UNIVERSEL

(71, 72) **ROLUS BORGWARD, Glenn** [BE/DE]; c/o Baugrundimmobilien, Cosimastrasse 121, 81925 München (DE).

(74) **HIRSCH, Peter**; Klunker, Schmitt-Nilson, Hirsch, Winzererstrasse 106, 80797 München (DE).

(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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06G**

(11) **WO 01/73674** (13) A2

(21) PCT/US01/07255

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 09/537,964 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR CUT, COPY, AND PASTE BETWEEN COMPUTER SYSTEMS ACROSS A WIRELESS NETWORK

• PROCEDE ET APPAREIL UTILISANT LES INSTRUCTIONS COUPER, COPIER ET COLLER ENTRE DES ORDINATEURS RELIES PAR UN RESEAU SANS FIL

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

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(71, 72) **RAMAKESAVAN, Sundaram** [CA/US]; 5189 West Saragosa Street, Chandler, AZ 85226 (US).

(74) **KAPLAN, David, J.**; Intel Corporation, 2200 Mission College Boulevard, SC4-202a, Santa Clara, CA 95202 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G06K**

(11) **WO 01/73675** (13) A2

(21) PCT/GB01/01295

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/536,334 **25 Mar/mar 2000 US (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A DEVICE FOR IDENTIFYING A CONTAINER

• DISPOSITIF D'IDENTIFICATION DE CONTENANT

(71) **MARCONI CORPORATION PLC** [GB/GB]; One Bruton Street, London W1J 6AQ (GB).

(72) **FORSTER, Ian, James**; 31 Great Cob, Springfield, Chelmsford, Essex CM1 6LA (GB). **HORRELL, Peter, Robert, George**; 22 Rothesay Avenue, Chelmsford, Essex CM2 9BU (GB).

(74) **MOGOWAN, Nigel, George**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G06K 5/00

- (11) **WO 01/73676** (13) A1
(21) PCT/US01/09661
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,669 **28 Mar/mar 2000 US (28.03.2000)**
(30) 09/634,612 **5 Aug/août 2000 US (05.08.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • CREDIT CARDS AND RELATED SERVICES THAT USE NON-METALLIC SYMBOLIC COLORS TO TARGET SPECIFIC DEMOGRAPHIC GROUPS
• CARTES DE CREDIT ET SERVICES CONNEXES UTILISANT DES COULEURS SYMBOLIQUES NON METALLIQUES AFIN DE CIBLER DES GROUPES DEMOGRAPHIQUES SPECIFIQUES
(71, 72) **ROSENBERGER, Ronald** [US/US]; P.O. Box 286, Richboro, PA 18954 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06K 7/10

- (11) **WO 01/73677** (13) A2
(21) PCT/US01/09219
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 09/535,051 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • ILLUMINATION SYSTEM FOR USE IN IMAGING MOVING ARTICLES
• SYSTEME D'ECLAIRAGE UTILISE POUR OBTENIR UNE IMAGE D'ARTICLES EN MOUVEMENT
(71) **UNITED PARCEL SERVICE OF AMERICA, INC.** [US/US]; 55 Glenlake Parkway, Atlanta, GA 30328 (US).
(72) **ESSLINGER, Robert, H.**; 157 Linden Tree Road, Wilton, CT 06897 (US). **BRA-GINSKY, Mark, B.**; 142 Yarmouth Street, Longmeadow, MA 01106 (US). **HESS, William, D.**; 377 Trestle Lane, Clinton Corners, NY 12514 (US). **GLUEGE, Peter, R.**; 42 Wesley Hill Lane, Warwick, NY 10990 (US).
(74) **YOUNG, Jeffrey, E.** et al. / etc.; Alston & Bird LLP, Bank of America Plaza, Suite 4000, 101 South Tryon Street, Charlotte, NC 28280-4000 (US).
(81) CA CN JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06K 9/00

- (11) **WO 01/73678** (13) A1
(21) PCT/DE01/01095
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) de (26) de
(30) 00106473.2 **24 Mar/mar 2000 EP (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • HOUSING FOR BIOMETRIC SENSOR CHIPS
• BOITIER POUR PUCES DE DETECTION BIOMETRIQUES
(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) **FISCHBACH, Reinhard** [DE/DE]; Balanstr. 79, 81539 München (DE). **FRIES, Manfred** [DE/DE]; Quellenweg 21, 94336 Hunderdorf (DE).
(74) **SCHWEIGER, Martin**; Leopoldstrasse 77, 80802 München (DE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ G06K 9/00, G06F 17/60

- (11) **WO 01/73679** (13) A1
(21) PCT/US01/09085
(22) **22 Mar/mar 2001 (22.03.2001)**
(25) en (26) en
(30) 09/534,182 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD AND SYSTEM FOR FORM PROCESSING
• PROCEDE ET SYSTEME DE TRAITEMENT DE FORMULAIRES
(71) **SIEMENS ELECTROCOM, L.P.** [US/US]; 2910 Avenue F, P.O. Box 95080, Arlington, TX 76005-1080 (US).
(72) **BRUCE, Ben, F.**; 4900 Sagebrush Court, Arlington, TX 76017 (US). **KIANI, Shahrom**; 400 South Fielder Road, Arlington, TX 76013 (US). **BISHOP-JONES, Brenda, J.**; 3901 NW Brookview Way, Portland, OR 97229 (US). **SEIDEL, Gert, J.**; Britenriedstrasse 14, 78465 Konstanz (DE). **KESSLER, Linda, J.**; 304 9th Street, Washington, DC 20003 (US).
(74) **MEYERS, Philip, G.**; Philip G. Meyers Intellectual Property Law, P.C., 3121 Cross Timbers Road, Suite 114, Flower Mound, TX 75028 (US).
(81) CN JP KR SG.

- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G06K 9/00

- (11) **WO 01/73680** (13) A1
(21) PCT/US01/09822
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 60/192,726 **27 Mar/mar 2000 US (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHODS AND SYSTEMS FOR DISTINGUISHING INDIVIDUALS UTILIZING ANATOMY AND GAIT PARAMETERS
• PROCEDES ET SYSTEMES DE RECONNAISSANCE D'INDIVIDUS PAR DES PARAMETRES D'ANATOMIE ET DE DEMARCHE
(71) **MASSACHUSETTS GENERAL HOSPITAL** [US/US]; 13th Street Bldg. 149, Suite 1101, Charlestown, MA 02129 (US).
(72) **KREBS, David, E.**; 206 Charles Street, Cambridge, MA 02114-2004 (US). **MCGIBBON, Chris, Alexander**; 19 Marion Road, Belmont, MA 02478 (US). **SCARBOROUGH, Donna, Susan, Moxley**; 7 Richard Road, Hingham, MA 02043 (US). **GOLDVASSER, Dov**; 102 Coolidge Hill, Cambridge, MA 02138 (US).
(74) **LAURENTANO, Anthony, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ G06K 9/52, 9/74

- (11) **WO 01/73681** (13) A1
(21) PCT/US00/14147
(22) **23 May/mai 2000 (23.05.2000)**
(25) en (26) en
(30) 09/536,426 **27 Mar/mar 2000 US (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • APPARATUS AND METHOD FOR CHARACTERIZING, ENCODING, STORING, AND SEARCHING IMAGES BY SHAPE
• APPAREIL ET PROCEDE PERMETTANT DE CARACTERISER, DE CODER, D'ENREGISTRER ET DE RECHERCHER DES IMAGES EN FONCTION DE LA FORME
(71) **LOOK DYNAMICS, INC.** [US/US]; 3380 Mitchell Lane, Boulder, CO 80301 (US).

- (72) **CRILL, Rikk**; 2942 Bow Line Place, Longmont, CO 80501 (US).
- (74) **YOUNG, James, R.** et al. / etc.; Chrisman, Bynum & Johnson, P.C., 1900 Fifteenth Street, Boulder, CO 80302 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G06K 9/64**
(11) **WO 01/73682** (13) A1
(21) PCT/US01/08626
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/193,072 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD, SYSTEM AND COMPUTER READABLE MEDIUM FOR IDENTIFYING CHEST RADIOGRAPHS USING IMAGE MAPPING AND TEMPLATE MATCHING TECHNIQUES
• PROCEDE, SYSTEME ET SUPPORT LISIBLE PAR ORDINATEUR SERVANT A IDENTIFIER DES RADIOGRAPHIES DE LA POITRINE AU MOYEN DE TECHNIQUES DE CARTOGRAPHIE D'IMAGE ET DE CORRESPONDANCE DE MODELES
- (71) **ARCH DEVELOPMENT CORPORATION** [US/US]; Room 405, 5640 South Ellis Avenue, Chicago, IL 60637 (US).
- (72) **DOI, Kunio**; 6415 Lane Court, Willowbrook, IL 60421 (US). **ARIMURA, Hidetaka**; 1561-1-B Ohtada, Kurose-cho, Kamogun, Hiroshima 724-0611 (JP). **KAT-SURAGAWA, Shigehiko**; 14-19 Hanaegawa, Guramezon 203, Oita 870-0243 (JP). **MORISHITA, Junji**; 48-55 Jissei Ohira, Tauba-cho, Kyoto 622-02 (JP).
- (74) **KUESTERS, Eckhard, H.**; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 4th Floor, Crystal Square Five, 1755 Jefferson Davis Highway, Arlington, VA 22202 (US).
- (81) AU CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **G06K 19/07, 19/073**
(11) **WO 01/73683** (13) A1
(21) PCT/DE01/00693
(22) **22 Feb/fév 2001 (22.02.2001)**
(25) de (26) de
(30) 00106472.4 **24 Mar/mar 2000 EP (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PORTABLE DATA CARRIER ARRANGEMENT
• SUPPORT D'INFORMATIONS PORTABLE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WALLSTAB, Stefan** [DE/DE]; Gustav-Heinemann-Ring 55, 81739 München (DE). **WINKLER, Otto** [DE/DE]; Zaun 55, 84332 Hebertsfelden (DE).
- (74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).
- (81) BR CA CN IL IN JP KR MX RU UA US.
-
- (51)⁷ **G06K 19/07, G07C 9/00, H04M 1/02, G07B 15/02**
(11) **WO 01/73684** (13) A1
(21) PCT/EP01/02954
(22) **15 Mar/mar 2001 (15.03.2001)**
(25) de (26) de
(30) 100 15 732.7 **29 Mar/mar 2000 DE (29.03.2000)**
(30) 200 14 576.2 **23 Aug/août 2000 DE (23.08.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • NON-CONTACT DATA CARRIER
• SUPPORT DE DONNEES SANS CONTACT
- (71) **SKIDATA AG** [AT/AT]; Untersbergstrasse 40, A-5083 Gartenau (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STOCKHAMMER, Rudolf** [AT/AT]; Laim 139, A-5340 St. Gilgen (AT).
- (74) **HAFT, V. PUTTKAMER, BERNGRUBER, CZYBULKA**; Franziskanerstrasse 38, 81669 München (DE).
- (81) CA JP KR NO US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **G06K 19/077, G08B 13/24, G06K 19/067**
(11) **WO 01/73685** (13) A1
(21) PCT/CH01/00085
(22) **7 Feb/fév 2001 (07.02.2001)**
(25) de (26) de
(30) 594/00 **28 Mar/mar 2000 CH (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • RFID LABEL WITH AN ELEMENT FOR REGULATING THE RESONANCE FREQUENCY
• ETIQUETTE RFID DOTEE D'UN ELEMENT PERMETTANT DE REGLER LA FREQUENCE DE RESONANCE
- (71) **LUCATRON AG** [CH/CH]; Dorfstrasse 38, CH-6341 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MÜLLER, Philipp** [CH/CH]; Burstwiesenstrasse 33, CH-8606 Greifensee (CH).
- (74) **LAUER, Joachim**; Hug Interlizenz AG, Nordstrasse 31, CH-8035 Zürich (CH).
- (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 **G06K 19/077**
(11) **WO 01/73686** (13) A1
(21) PCT/EP01/02572
(22) **7 Mar/mar 2001 (07.03.2001)**
(25) de (26) de
(30) 100 14 620.1 **24 Mar/mar 2000 DE (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR PRODUCING A CARRIER STRIP COMPRISING A LARGE NUMBER OF ELECTRICAL UNITS, EACH HAVING A CHIP AND CONTACT ELEMENTS
• PROCEDE POUR FABRIQUER UNE BANDE SUPPORT DOTEE D'UNE MULTITUDE D'UNITES ELECTRIQUES PRESENTANT CHACUNE UNE PUCE ET DES ELEMENTS DE CONTACT
- (71, 72) **PLETTNER, Andreas** [DE/DE]; Schornstrasse 4, 81669 München (DE).
- (74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHÄUSSER**; Maximilianstrasse 58, 80538 München (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **G06K 19/12**
(11) **WO 01/73687** (13) A2
(21) PCT/US01/40370
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 60/191,914 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • APPARATUS AND METHOD FOR GATHERING AND UTILIZING DATA
• DISPOSITIF ET PROCEDE DE COLLECTE ET D'UTILISATION DE DONNEES
- (71) **INTERMEC IP CORP** [US/US]; 21900 Burbank Boulevard, Woodland Hills, CA 91367 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILL, Richard, A.** [US/US]; 217 112th Street S.W. F103, Everett, WA 98204 (US).
- (74) **ORUM & ROTH**; 53 West Jackson Boulevard, Chicago, IL 60604-3606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06T

(11) WO 01/73688 (13) A2

(21) PCT/EP01/03534

(22) 28 Mar/mar 2001 (28.03.2001)

(25) de (26) de

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHODS AND DATA PROCESSING SYSTEM FOR SIMPLIFYING THE ELECTRONIC COMMERCE INVOLVING PRODUCTS THAT SHOULD BE ADAPTED TO THE SHAPE OF AN OBJECT

● PROCEDES ET SYSTEME DE TRAITEMENT DE DONNEES PERMETTANT DE SIMPLIFIER LE COMMERCE ELECTRONIQUE DE PRODUITS DEVANT ETRE ADAPTES A LA FORME D'UN OBJET

(71, 72) **MASSEN, Robert** [DE/DE]; Am Reberg 29, 78337 Öhningen-Wangen (DE).

(74) **HABERMANN, Gert**; Prinz & Partner, Manzingerweg 7, 81241 München (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 G06T

(11) WO 01/73689 (13) A2

(21) PCT/US01/09825

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,602 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND SYSTEM FOR VIEWING KINEMATIC AND KINETIC INFORMATION

● PROCEDE ET SYSTEME DE VISUALISATION D'INFORMATIONS CINETIQUES ET CINEMATIQUES

(71) **MASSACHUSETTS GENERAL HOSPITAL** [US/US]; 13th Street Bldg. 149, Suite 1101, Charlestown, MA 02129 (US).

(72) **MCGIBBON, Chris, A.**; 19 Marion Road, Belmont, MA 02478 (US). **KREBS, David, E.**; 206 Charles Street, Cambridge, MA 02114-2004 (US). **LUE, Niyom**; 61 Spinney Path, Nahant, MA 01908-1535 (US).

(74) **LAURENTANO, Anthony, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK

DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G06T 17/00

(11) WO 01/73690 (13) A2

(21) PCT/US01/10154

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 09/537,849 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM AND METHOD FOR GEO-REFERENCING DIGITAL RASTER MAPS

● SYSTEME ET PROCEDE DE GEOREFERENCIATION DE CARTES TRAMEES NUMERIQUES

(71) **PROVAR INC.** [US/US]; Suite 350, 6751 Rufe Snow Dr., Watauga, TX 76148 (US).

(72) **SCOTT, Dan, Martin**; 4058 North Beltline Rd. #136, Irving, TX 75038 (US). **HIGGINS, Darin, Wayne**; 125 Willow Ridge Rd., Fort Worth, TX 76103 (US).

(74) **THRASHER, Steven, W.**; Jackson Walker L.L.P., 2435 N. Central Expressway #600, Richardson, TX 75080 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G07B 15/00, G06F 17/60

(11) WO 01/73691 (13) A1

(21) PCT/EP01/02029

(22) 22 Feb/fév 2001 (22.02.2001)

(25) de (26) de

(30) 100 15 732.7 29 Mar/mar 2000 DE (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ACCESS AUTHORIZATION ENTRY METHOD

● PROCEDE D'ENREGISTREMENT D'UNE AUTORISATION D'ACCES

(71) **SKIDATA AG** [AT/AT]; Untersbergstrasse 40, A-5083 Gartenau (AT).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOCKHAMMER, Rudolf** [AT/AT]; Laim 139, A-5340 St. Gilgen (AT).

(74) **HAFT, V. PUTTKAMER, BERNGRUBER, CZYBULKA**; Franziskanerstr. 38, 81669 München (DE).

(81) CA JP KR NO US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ G07B 15/00, G07C 1/30, G08G 1/14

(11) WO 01/73692 (13) A1

(21) PCT/FR01/00732

(22) 13 Mar/mar 2001 (13.03.2001)

(25) fr (26) fr

(30) 00/03842 27 Mar/mar 2000 FR (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR MONITORING PAYMENTS FOR VEHICLE PARKING SERVICES

● PROCEDE POUR GERER LE MONTANT PRESTATIONS DE STATIONNEMENT DE VEHICULES

(71) **EPARK** [FR/FR]; 8, place de l'Opéra, F-75009 Paris (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEJEUNE, Pierre-Yves** [FR/FR]; 4, rue Girodet, F-75016 Paris (FR).

(74) **GRYNWALD, Albert**; 12, rue du Helder, F-75009 Paris (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

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(51)⁷ G07B 15/02, G07F 7/00

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(21) PCT/IL01/00155

(22) 19 Feb/fév 2001 (19.02.2001)

(25) en (26) en

(30) 60/192,199 27 Mar/mar 2000 US (27.03.2000)

(30) 140047 3 Dec/déc 2000 IL (03.12.2000)

(30) 09/731,643 7 Dec/déc 2000 US (07.12.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● VEHICLE RELATED SERVICES SYSTEM AND METHODOLOGY

● PROCEDE ET SYSTEME DE SERVICES LIES A UN VEHICULE

(71) **GOOD SPACE LTD.** [BZ/BZ]; c/o Intrepid Services Ltd., 99 Albert Street, Belize City (BZ).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **DAR, Yair** [IL/IL]; House 69, 76885 Moshav Gealia (IL). **DAR, Ofer** [IL/IL]; House 233, 76885 Moshav Gealia (IL).
- (74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **G07C**
- (11) **WO 01/73694** (13) A2
- (21) PCT/US01/09550
- (22) **24 Mar/mar 2001 (24.03.2001)**
- (25) en (26) en
- (30) 60/191,785 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 60/252,376 **21 Nov/nov 2000 US (21.11.2000)**
- (30) 60/268,551 **14 Feb/fév 2001 US (14.02.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● VERIFIABLE, SECRET SHUFFLES OF ENCRYPTED DATA, SUCH AS ELGAMAL ENCRYPTED DATA FOR SECURE MULTI-AUTHORITY ELECTIONS
- BROUILLAGE SECRET VERIFIABLE DE DONNEES CODEES PERMETTANT DES ELECTIONS SURES A PLUSIEURS AUTORITES
- (71) **VOTEHERE, INC.** [US/US]; Suite 250, 3101 Northup Way, Bellevue, WA 98004 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NEFF, C., Andrew** [US/US]; Suite 250, 3101 Northup Way, Bellevue, WA 98004 (US).
- (74) **DALEY-WATSON, Christopher, J.** et al. / etc.; Perkins Coie LLP, P.O. Box 1247, Seattle, WA 98111-1247 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G07C 3/00, G07F 17/00, G06F 17/60**
- (11) **WO 01/73695** (13) A1
- (21) PCT/JP01/02814
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-99165 **31 Mar/mar 2000 JP (31.03.2000)**
- (30) 2000-99166 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SYSTEM FOR DETERMINING RENTAL OF CONSTRUCTION MACHINERY
- SYSTEME DE CALCUL DU LOYER D'UN ENGIN DE CHANTIER
- (71) **HITACHI CONSTRUCTION MACHINERY CO., LTD.** [JP/JP]; 5-1, Kouraku 2-chome, Bunkyo-ku, Tokyo 112-0004 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ADACHI, Hiroyuki** [JP/JP]; 848, Okijyukumachi, Tsuchiurashi, Ibaraki 300-0023 (JP). **HIRATA, Toichi** [JP/JP]; 4-203, Sakae-chou, Ushikushi, Ibaraki 300-1233 (JP). **SUGIYAMA, Genroku** [JP/JP]; 2337, Ohyama, Mihomura, Inashiki-gun, Ibaraki 300-0402 (JP). **WATANABE, Hiroshi** [JP/JP]; 1082-66, Taguuchou, Ushikushi, Ibaraki 300-1236 (JP). **SHIBATA, Koichi** [JP/JP]; Shihouryou, 2-20-29, Kandatsuchuuou, Tsuchiurashi, Ibaraki 300-0011 (JP). **KOMATSU, Hideki** [JP/JP]; 618-50, Fukawa, Tonemachi, Kitasouma-gun, Ibaraki 300-1622 (JP).
- (74) **NAGAI, Fuyuki**; Kazan Building, 3-2-4, Kasumigaseki, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G07C 5/08, E05B 47/00, 65/12**
- (11) **WO 01/73696** (13) A1
- (21) PCT/DE01/01030
- (22) **17 Mar/mar 2001 (17.03.2001)**
- (25) de (26) de
- (30) 100 15 646.0 **29 Mar/mar 2000 DE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DEVICE FOR WARNING USERS IN A MOTOR VEHICLE
- DISPOSITIF AVERTISSEUR POUR LES USAGERS D'UN VEHICULE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WEIGL, Andreas** [DE/DE]; Werner-Von-Siemens-Strasse 10, 76351 Linkenheim-Hochstetten (DE). **HAULER, Peter** [DE/DE]; Merkurweg 4, 76275 Ettlingen (DE). **WEISS, Karl-Ernst** [DE/DE]; Hohewiesenstrasse 55 A, 76275 Ettlingen (DE). **PETTTT, Roderick** [AU/AU]; 40 Merryngrove, Wantirna 3152 (AU). **HACKER, Heidrun** [DE/DE]; Hirschstrasse 34, 71282 Hemmingen (DE). **SCHROFF, Clemens** [DE/DE]; Blumenstrasse 21, 76698 Ubstadt-Weiher (DE). **WEYERSTALL, Bernd** [DE/DE]; Schenkstrasse 83, 42369 Wuppertal (DE). **HUGEL, Robert** [DE/DE]; Joseph-von-Eichendorff-Strasse 9, 76199 Karlsruhe (DE).
- (81) CN JP MX US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **G07F**
- (11) **WO 01/73697** (13) A2
- (21) PCT/KR01/00505
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 2000/15848 **28 Mar/mar 2000 KR (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● COMMERCIAL TRANSACTION SYSTEM AND METHOD USING QUANTITY-BASED UNIT COSTS
- PROCEDE ET SYSTEME DE TRANSACTIONS COMMERCIALES UTILISANT DES COÛTS UNITAIRES BASES SUR DES QUANTITES
- (71) **SAMSUNG CORPORATION** [KR/KR]; Taepyung-ro Bldg., 310, 2-ka, Taepyung-ro, Chung-ku, Seoul 100-767 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LEE, Ung-Ryul** [KR/KR]; 310, 2-ka, Taepyung-ro, Chung-ku, Seoul 100-102 (KR).
- (74) **KIM, Won-Ho**; 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 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G07F**
- (11) **WO 01/73698** (13) A2
- (21) PCT/SE01/00562
- (22) **17 Mar/mar 2001 (17.03.2001)**
- (25) sv (26) en
- (30) 0000911-8 **19 Mar/mar 2000 SE (19.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● PAYMENT SYSTEM
- SYSTEME DE PAIEMENT
- (71) **AB EFB, ENERGIFÖRBÄTTRINGAR** [SE/SE]; P.O. Box 1524, S-600 45 Norrköping (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRANFELDT, Björn, Christian** [SE/SE]; S:t Persgatan 19 E, 4 tr., S-602

- 33 Norrköping (SE). **HÄGG, Tomas, Martin, Gösta** [SE/SE]; P.O. Box 12024, S-600 12 Norrköping (SE).
- (74) **NORÉN, Per, Bo, Arne**; Swedpatent AB, P.O. Box 186, S-746 24 Balsta (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G07F**
(11) **WO 01/73699** (13) A2
(21) PCT/US01/09841
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 09/535,758 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • PRODUCT LOCK-OUT SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE MISE HORS SERVICE POUR DISTRIBUTEUR DE PRODUITS
(71) **CRANE CO.** [US/US]; 100 First Stamford Place, Stamford, CT 06902-6784 (US).
(72) **HAMILTON, Robert, Stuart**; 106 Court Farm Road, Willsbridge, Bristol BS30 9AE (GB).
(74) **HULSEY, William, N., III**; Hughes & Luce, L.L.P., Suite 2800, 1717 Main Street, Dallas, TX 75210 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G07F 7/00**
(11) **WO 01/73700** (13) A2
(21) PCT/EP01/03273
(22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 00106506.9 **25 Mar/mar 2000 EP (25.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • A METHOD AND A SYSTEM FOR ORDERING SERVICES
• PROCEDE ET SYSTEME DE COMMANDE DE SERVICES
(71, 72) **LUDVIGSEN, Jakob, Schmelling** [DK/DK]; Guldborghaven 10, DK-9000 Aalborg (DK).
(74) **PATRADE A/S**; Fredens Torv 3A, DK-8000 Aarhus C (DK).
(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G07F 7/02, G07B 15/02, G07C 1/30 // H04Q 7/22**
(11) **WO 01/73701** (13) A1
(21) PCT/SE01/00689
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) en (26) en
(30) 0001115-5 **29 Mar/mar 2000 SE (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • A METHOD RELATING TO A VEHICLE PARKING CASH-PAYMENT SYSTEM
• PROCEDE CONCERNANT UN SYSTEME DE PAIEMENT COMPTANT D'UN PARKING D'AUTOMOBILES
(71) **MODUL-SYSTEM SWEDEN AB** [SE/SE]; Veddestavägen 17, S-175 62 Järfälla (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HJELMVIK, Torbernt** [SE/SE]; Orionvägen 20, S-175 60 Järfälla (SE).
(74) **ÖRTENBLAD, Bertil** et al. / etc.; Noréns Patentbyrå AB, P.O. Box 10198, S-100 55 Stockholm (SE).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G07F 7/10, 7/08, B42D 15/10, G06K 19/10**
(11) **WO 01/73702** (13) A1
(21) PCT/DE01/00695
(22) **22 Feb/fév 2001 (22.02.2001)**
(25) de (26) de
(30) 00106475.7 **24 Mar/mar 2000 EP (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • INDIVIDUAL ARRANGEMENT
• DISPOSITIF INDIVIDUEL
(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **KUX, Andreas** [DE/DE]; Grönsdorfer Str. 14, 85540 Haar (DE). **PALM, Herbert** [DE/DE]; Rieschbogen 45, 85635 Höhenkirchen (DE).
(74) **EPHING HERMANN & FISCHER**; Postfach 12 10 26, 80334 München (DE).
(81) BR CA CN IL IN JP KR MX RU UA US.
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- (51)⁷ **G07F 9/10, 11/36, 7/06**
(11) **WO 01/73703** (13) A1
(21) PCT/IB01/00517
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) fr (26) fr
(30) 00/03934 **29 Mar/mar 2000 FR (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • APPARATUS DISPENSING RECHARGEABLE REFRIGERATING ELEMENTS
• APPAREIL DISTRIBUTEUR D'ELEMENTS REFRIGERANTS RECHARGEABLES
(71) **INTERNOVA INTERNATIONAL INNOVATION COMPANY B.V.** [NL/NL]; Aert van Nesstraat 45, NL-3012 CA Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FRANCI, François-Marie** [FR/FR]; 24, rue du Moulin, F-91540 Ormoy (FR).
(74) **NITHARDT, Roland**; Cabinet Roland Nithardt, Y-Parc, Rue Galilée 9, CH-1400 Yverdon-les-Bains (CH).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (51)⁷ **G07F 11/00**
(11) **WO 01/73704** (13) A2
(21) PCT/US01/08378
(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en
 (30) 60/192,985 **28 Mar/mar 2000** US
 (28.03.2000)
 (30) 09/749,717 **27 Dec/déc 2000** US
 (27.12.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • APPARATUS AND METHOD FOR ARTICLE DISPENSING
 • APPAREIL ET PROCEDE DE DISTRIBUTION DES PRODUITS
 (71) **INLAND FINANCE COMPANY** [US/US]; 8040 University Boulevard, P.O. Box 1395, Des Moines, IA 50325 (US).
 (72) **GATES, Anthony, M.**; 8040 University Boulevard, P.O. Box 1395, Des Moines, IA 50325 (US). **WALKE, Gary, L.**; 8040 University Boulevard, P.O. Box 1395, Des Moines, IA 50325 (US).
 (74) **HANSING, Mark, D.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

 (51)⁷ **G07F 17/32**
 (11) **WO 01/73705** (13) A2
 (21) PCT/US01/40371
 (22) **26 Mar/mar 2001** (26.03.2001)
 (25) en (26) en
 (30) 60/192,064 **24 Mar/mar 2000** US
 (24.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • INTERACTIVE FANTASY LOTTERY
 • LOTERIE INTERACTIVE DE TYPE JEU DE FICTION
 (71) **ESPN-STARWAVE PARTNERS, doing business as ESPN INTERNET GROUP** [US/US]; 77 West 66th Street, New York, NY 10023 (US).
 (72) **REISS, Geoff**; 199 Toilsome Hill Road, Fairfield, CT 06432 (US). **ZEHR, John**; 3023 1st Avenue, Apt. 603, Seattle, WA 98121 (US).
 (74) **MORTON, Cyrus, A.**; Oppenheimer Wolff & Donnelly LLP, 45 South Seventh Street, Suite 3300, Minneapolis, MN 55402 (US).
 (81) AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IN IS JP KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

 (51)⁷ **G07F 19/00**
 (11) **WO 01/73706** (13) A1
 (21) PCT/FR01/00894
 (22) **23 Mar/mar 2001** (23.03.2001)

(25) fr (26) fr
 (30) 00/03889 **28 Mar/mar 2000** FR
 (28.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • PAYMENT SYSTEM NOT REVEALING BANKING INFORMATION ON THE PUBLIC OR QUASI-PUBLIC NETWORK
 • SYSTEME DE PAIEMENT PERMETTANT DE NE PAS DIVULGUER D'INFORMATION BANCAIRE SUR LE RESEAU PUBLIC ET QUASI-PUBLIC
 (71, 72) **AGNELLI, Philippe** [FR/FR]; 119, boulevard Las Planas, F-06100 Nice (FR).
 (81) AU BR CA CN IL IN JP NO RU UA US.
 Declaration / Déclaration :
 (u) for / pour US only / seulement

 (51)⁷ **G07F 19/00, G06F 17/60, G07F 17/42**
 (11) **WO 01/73707** (13) A2
 (21) PCT/US01/10594
 (22) **28 Mar/mar 2001** (28.03.2001)
 (25) en (26) en
 (30) 60/193,064 **29 Mar/mar 2000** US
 (29.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD AND APPARATUS FOR MANAGING ONE OR MORE VALUE BEARING INSTRUMENTS
 • PROCEDE ET DISPOSITIF DE GESTION D'UN OU DE PLUSIEURS INSTRUMENTS DE VALEUR
 (71) **CMA BUSINESS CREDIT SERVICES** [US/US]; 40 East Verdugo Avenue, Burbank, CA 91502 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **OKAMOTO, Steve, Atsushi** [US/US]; 5512 Calle de Arboles, Torrance, CA 90505 (US). **SCHATTMAIER, Steven, Miller** [US/US]; 3 Winterhaven, Irvine, CA 92614 (US). **VON KAENEL, Tim** [US/US]; 12 Lake View Drive, Coto De Caza, CA 92679 (US). **ZEILE, Mike, Todd** [US/US]; 27627 Harwick Place, Valencia, CA 91354 (US). **ST. AMOUR, Frederick, C.** [US/US]; 34081 Formosa Drive, Dana Point, CA 92629 (US).
 (74) **NIXON, Dale, B.** et al. / etc.; Sidley Austin Brown & Wood, Suite 3400, 717 N. Harwood, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

 (51)⁷ **G07F 19/00, G06F 17/60, G07F 17/42**
 (11) **WO 01/73708** (13) A2
 (21) PCT/US01/10643
 (22) **23 Mar/mar 2001** (23.03.2001)

(22) **28 Mar/mar 2001** (28.03.2001)
 (25) en (26) en
 (30) 60/193,172 **29 Mar/mar 2000** US
 (29.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD AND APPARATUS FOR ADMINISTERING ONE OR MORE VALUE BEARING INSTRUMENTS
 • PROCEDE ET APPAREIL D'ADMINISTRATION D'UN INSTRUMENT PORTEUR DE VALEURS
 (71) **CMA BUSINESS CREDIT SERVICES** [US/US]; 40 East Verdugo Avenue, Burbank, CA 91502 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **OKAMOTO, Steve, Atsushi** [US/US]; 5512 Calle de Arboles, Torrance, CA 90505 (US). **SCHATTMAIER, Steven, Miller** [US/US]; 3 Winterhaven, Irvine, CA 92614 (US). **VON KAENEL, Tim** [US/US]; 12 Lake View Drive, Coto de Caza, CA 92679 (US). **ZEILE, Mike, Todd** [US/US]; 27627 Harwick Place, Valencia, CA 91354 (US). **ST. AMOUR, Frederick, C.** [US/US]; 34081 Formosa Drive, Dana Point, CA 92629 (US).
 (74) **NIXON, Dale, B.** et al. / etc.; Sidley Austin Brown & Wood, Suite 3400, 717 N. Harwood, Dallas, TX 75201-6507 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

 (51)⁷ **G07F 19/00, G06F 17/60, G07F 17/42**
 (11) **WO 01/73709** (13) A2
 (21) PCT/US01/10648
 (22) **28 Mar/mar 2001** (28.03.2001)
 (25) en (26) en
 (30) 60/193,139 **29 Mar/mar 2000** US
 (29.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • METHOD AND APPARATUS FOR PROCESSING ONE OR MORE VALUE BEARING INSTRUMENTS
 • PROCEDE ET APPAREIL DE CREATION D'UN OU PLUSIEURS INSTRUMENTS PORTEUR DE VALEURS
 (71) **CMA BUSINESS CREDIT SERVICES** [US/US]; 40 East Verdugo Avenue, Burbank, CA 91502 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **OKAMOTO, Steve, Atsushi** [US/US]; 5512 Calle de Arboles, Torrance, CA 90505 (US). **SCHATTMAIER, Steven, Miller** [US/US]; 3 Winterhaven, Irvine, CA 92614 (US). **VON KAENEL, Tim** [US/US]; 12 Lake View Drive, Coto de Caza, CA 92679

(US). **ZEILE, Mike, Todd** [US/US]; 27627 Harwick Place, Valencia, CA 91354 (US). **St. AMOUR, Frederick, C.** [US/US]; 34081 Formosa Drive, Dana Point, CA 92629 (US).

(74) **NIXON, Dale, B.** et al. / etc.; Sidley Austin Brown & Wood, Suite 3400, 717 N. Harwood, Dallas, TX 75201-6507 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **G07G 1/14, G01S 11/16**

(11) **WO 01/73710** (13) A1

(21) PCT/SE01/00642

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) sv (26) en

(30) 0001043-9 **24 Mar/mar 2000 SE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INFORMATION MANAGING SYSTEM
• SYSTEME DE GESTION DE L'INFORMATION

(71, 72) **NORINDER, Claes** [SE/SE]; Höögs Lid 16, S-434 35 Kungsbacka (SE).

(74) **AWAPATENT AB**; Box 11394, S-404 28 Göteborg (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G08B**

(11) **WO 01/73711** (13) A2

(21) PCT/DE01/01057

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) de (26) de

(30) 100 15 307.0 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR PROTECTING AN APPLIANCE AGAINST THEFT

• PROCEDE ET DISPOSITIF DE PROTECTION ANTIVOL D'UN APPAREIL

(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) **HERRMANN, Matthias** [DE/DE]; Breienschamp 43, 31141 Hildesheim (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 **G08B**

(11) **WO 01/73712** (13) A2

(21) PCT/US01/10127

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/538,902 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM FOR FAST LOCK AND ACQUISITION OF ULTRA-WIDEBAND SIGNALS

• SYSTEME DE VERROUILLAGE RAPIDE ET D'ACQUISITION DE SIGNAUX A BANDE ULTRA LARGE

(71) **TIME DOMAIN CORPORATION** [US/US]; 7057 Old Madison Avenue, Huntsville, AL 35806 (US).

(72) **RICHARDS, James**; 58 Boning Road, Fayetteville, TN 37334 (US). **FULLERTON, Larry**; 120 Wimbledon Road, Brownsboro, AL 35741 (US). **COWIE, Ivan**; 418 Eastview Drive, Madison, AL 35758 (US). **WELCH, William**; 509 Delaney Road, Huntsville, AL 35806 (US). **STANLEY, Randall**; 122 Carnette Drive, Madison, AL 35758 (US).

(74) **SARTORI, Michael** et al. / etc.; Venable, 1201 New York Avenue, Washington, DC 20043 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G08B 13/191, 29/26**

(11) **WO 01/73713** (13) A1

(21) PCT/GB01/01395

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0007634.9 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • IMPROVED DETECTOR
• AMÉLIORATIONS APORTEES À UN DÉTECTEUR

(71) **ADEMCO MICROTECH LIMITED** [GB/GB]; 2 Redwood Crescent, East Kilbride, Glasgow G74 5PA (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENNESSY, Alan** [GB/GB]; c/o Ademco Microtech Limited, 2 Redwood Crescent, East Kilbride, Glasgow G74 5PA (GB).

KENNY, Paul [GB/GB]; 3 Kentimere Road, Bromsgrove, Worcestershire B60 2RZ, Glasgow G74 5PA (GB).

(74) **MCCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G08B 13/196, 25/08**

(11) **WO 01/73714** (13) A1

(21) PCT/NL01/00244

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) nl (26) en

(30) 1014735 **23 Mar/mar 2000 NL (23.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ALARM METHOD AND DEVICE
• PROCEDE ET DISPOSITIF D'ALARME

(71) **LBL TRADING CV** [NL/NL]; Vincent Van Goghsingel 31, NL-2182 LM Hillegom (NL). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEERE, Edgar, Jozef** [NL/NL]; Vincent Van Goghsingel 31, NL-2182 LM Hillegom (NL).

(74) **'T JONG, Bastiaan, Jacobus**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G08B 13/24**

(11) **WO 01/73715** (13) A1

(21) PCT/KR00/00412

(22) **1 May/mai 2000 (01.05.2000)**

(25) en (26) en

- (30) 2000/15314 **25 Mar/mar 2000** KR
(25.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEVICE FOR MANUFACTURING A TAG FOR AN ELECTRONIC ARTICLE SURVEILLANCE SYSTEM AND METHOD THEREOF
- DISPOSITIF DE FABRICATION D'UNE ETIQUETTE DESTINEE A UN SYSTEME DE SURVEILLANCE ELECTRONIQUE D'ARTICLES ET SON PROCEDE
- (71, 72) **KIM, Sun, Deuk** [KR/KR]; 401 Pacific Villart, 19/3, 181 Pangyi-dong, Songpa-gu, Seoul 138-050 (KR).
- (74) **KIM, Byung, Jin**; 201 Hwajin Building, 828 Yoksam-dong, Seoul 135-080 (KR).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **G08B 23/00, 25/14, 17/00**
- (11) **WO 01/73716** (13) A1
- (21) PCT/SE01/00655
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) sv (26) en
- (30) 0001094-2 **28 Mar/mar 2000** SE
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A SYSTEM AND AN ARRANGEMENT TO DETERMINE THE LEVEL OF HAZARD IN A HAZARDOUS SITUATION
- SYSTEME ET DISPOSITIF PERMETTANT DE DETERMINER LE NIVEAU DE RISQUE D'UNE SITUATION DANGEREUSE
- (71) **FIREFLY AB** [SE/SE]; Box 47134, S-100 74 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JANSSON, Lennart, Karl, Erik** [SE/SE]; Älgårdsvägen 17, S-139 36 Värmdö (SE).
- (74) **THEANDER, Anna** et al. / etc.; L.A. Groth & Co. KB, Box 6107, S-102 32 Stockholm (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **G08B 23/00, 1/08, G08G 1/00**
- (11) **WO 01/73718** (13) A1
- (21) PCT/US01/09476
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/535,293 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR SEIZING A COMMUNICATION CHANNEL IN A COMMERCIALY AVAILABLE CHILD MONITOR
- SYSTEME ET PROCEDE DESTINES A COMMANDER UN CANAL DE COMMUNICATIONS DANS UN APPAREIL DE SURVEILLANCE DES BEBES DISPONIBLE DANS LE COMMERCE
- (71) **ILIFE SYSTEMS, INC.** [US/US]; 5910 North Central Expressway, Suite 1775, Dallas, TX 75206 (US).
- (72) **HALLECK, Michael, E.**; 5704 Weld County Road 22, Longmont, CO 80504 (US). **HALLECK, Michael, D.**; 10910 Larry Drive, Northglenn, CO 80233 (US). **HALLECK, Gregory, V.**; 1909 Greenbriar Court, Johnstown, CO 80534 (US). **LEHRMAN, Michael, L.**; 3012 Cortland Place N.W., Washington, DC 20008 (US).
- (74) **MUNCK, William, A.** et al. / etc.; Novakov 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **G08C 23/04**
- (11) **WO 01/73719** (13) A2
- (21) PCT/AT01/00087
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) de (26) de
- (30) 100 14 595.7 **27 Mar/mar 2000** DE
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • INFRARED COMMUNICATIONS DEVICE
- DISPOSITIF DE COMMUNICATION INFRAROUGE
- (71) **RUIDO AUSTRIA GESELLSCHAFT M.B.H.** [AT/AT]; Köstendorfer Strasse 8, A-5202 Neumarkt a.W. (AT).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JÄKEL, Günter** [DE/DE]; Eugen-Ortner-Strasse 28, 83257 Gollenshausen (DE). **WAGATHA, Helmut** [DE/DE]; Otto-Hupp-Strasse 4, 85764 Oberschleissheim (DE). **KASTENMEYER, Herbert** [DE/DE]; Madaustrasse 40 E, 83043 Bad Aibling (DE).
- (74) **HÜBSCHER, Gerhard** et al. / etc.; Spittelwiese 7, A-4020 Linz (AT).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G08C 23/04, 17/02**(11) **WO 01/73720** (13) A1

(21) PCT/GB01/01306

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007242.1 **24 Mar/mar 2000 GB (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● REMOTE CONTROL INTERFACE FOR CONVERTING RADIO REMOTE CONTROL SIGNALS INTO INFRARED REMOTE CONTROL SIGNALS

● INTERFACE DE TELECOMMANDE PERMETTANT DE CONVERTIR DES SIGNAUX DE TELECOMMANDE RADIO EN SIGNAUX DE TELECOMMANDE INFRAROUGE

(71) **TVCOMPASS LTD.** [GB/GB]; 90 Long Acre, Covent Garden, London WC2E 9RZ (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **FERRIS, Gavin** [GB/GB]; Flat 8, St. Christophers Court, 102 Junction Road, London N19 5LT (GB).(74) **WALASKI, Jan, Filip** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G08G**(11) **WO 01/73721** (13) A2

(21) PCT/US01/08805

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/191,677 **23 Mar/mar 2000 US (23.03.2000)**(30) 09/758,692 **11 Jan/jan 2001 US (11.01.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● TRANSIT PLANNING SYSTEM

● SYSTEME DE PLANIFICATION DE TRANSIT

(71) **SIEMENS TRANSPORTATION SYSTEMS, INC.** [US/US]; 1700 Tribute Road, Suite 200, Sacramento, CA 95815 (US).(72) **KANE, Roland, J.**; 101 Church Street, Palo, IA 52324 (US). **KRUEGER, David, C.**; 5205 Bent Tree Court, N.E., Cedar Rapids, IA 52411 (US). **REED, Chad**; 1165 Alpine Road, Marion, IA 52302 (US). **STROPE, Gareth, R.**; 243 26th Avenue, S.E., Cedar Rapids, IA 52403 (US). **STANEK, Richard, A.**; 183 16th Avenue, S.W., Cedar Rapids, IA 52404 (US).(74) **CHAN, Alistair, K.**; Foley & Lardner, 777 East Wisconsin Avenue, 33rd Floor, Milwaukee, WI 53202-5367 (US).

(81) BR CA JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G09B**(11) **WO 01/73722** (13) A2

(21) PCT/CA01/00400

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 2,302,905 **29 Mar/mar 2000 CA (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MULTIMEDIA SYSTEM FOR INTERACTIVE LEARNING

● SYSTEME MULTIMEDIA POUR APPRENTISSAGE INTERACTIF

(71) **ISKATER.COM** [CA/CA]; 672 Dupont Street, Toronto, Ontario M6G 1Z6 (CA).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **IANTORNO, Joe** [CA/CA]; Iskater.Com, 672 Dupont Street, Toronto, Ontario M6G 1Z6 (CA).(74) **GRAHAM, Robert, J.**; Gowling Lafleur Henderson LLP, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G09B**(11) **WO 01/73723** (13) A2

(21) PCT/US01/09642

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,883 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● LEARNING METHOD

● METHODE D'APPRENTISSAGE

(71, 72) **VAUGHAN, William, Jr.** [US/US]; 207 South Road, Chebeague Island, ME 04017 (US).(74) **BOHAN, Thomas, L.**; Thomas L. Bohan & Associates, 371 Fore Street, Portland, ME 04101 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G09B 3/00**(11) **WO 01/73724** (13) A1

(21) PCT/US01/09209

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,937 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● COMPUTER-BASED INSTRUCTIONAL SYSTEM WITH STUDENT VERIFICATION FEATURE

● SYSTEME D'APPRENTISSAGE INFORMATISEE EQUIPEE D'UN DISPOSITIF DE SURVEILLANCE DES ELEVES

(71, 72) **RICHTER, David, A.** [US/US]; Suite E, 4220 N. Brown, Scottsdale, AZ 85251 (US). **STORZ, Gene, E.** [US/US]; Suite E, 4220 N. Brown, Scottsdale, AZ 85251 (US).(74) **NELSON, Gregory, J.**; Nelson & Roediger, Suite 212, 3333 E. Camelback, Phoenix, AZ (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G09B 5/00**(11) **WO 01/73725** (13) A2

(21) PCT/US01/40009

(22) **1 Feb/fév 2001 (01.02.2001)**

(25) en (26) en

(30) 09/538,391 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD, SYSTEM AND STORAGE MEDIUM FOR PROVIDING TRAINING TO MULTIPLE USERS

● METHODE, SYSTEMES ET SUPPORT D'ENREGISTREMENT DE FORMATION D'UTILISATEURS

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).(72) **CASEY-CHOLAKIS, Evangeline, H.**; 544 First Street, Troy, NY 12180 (US). **MAY, Jeffrey, H.**; 194 Sleepy Hollow Drive, Dalton, MA 01266 (US). **SOLMSEN, Peter**; 55 Maple Hill Road, West Stockbridge, MA 01266 (US).(74) **SNYDER, Bernard** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G09B 7/02, 7/04, G06F 17/60**
(11) **WO 01/73726** (13) A1
(21) PCT/JP00/06321
(22) **14 Sep/sep 2000 (14.09.2000)**
(25) ja (26) ja
(30) 2000-89217 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • CONTENTS DISTRIBUTION SYSTEM
• SYSTEME DE REPARTITION DE CONTENU
(71, 72) **OGURA, Shigeo** [JP/JP]; 35-8, Omorinaka 3-chome, Ota-ku, Tokyo 143-0014 (JP).
(81) JP US.

(51)⁷ **G09B 17/04, G06F 17/30**
(11) **WO 01/73727** (13) A1
(21) PCT/SE01/00688
(22) **29 Mar/mar 2001 (29.03.2001)**
(25) sv (26) en
(30) 0001116-3 **29 Mar/mar 2000 SE (29.03.2000)**
(30) 0001479-5 **20 Apr/avr 2000 SE (20.04.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • AN ARRANGEMENT AND A METHOD FOR COMMUNICATION VIA A NETWORK
• DISPOSITIF ET PROCEDE DE COMMUNICATION PAR UN RESEAU
(71, 72) **DALSTRÖM, Tomas** [SE/SE]; Surbrunnsgatan 30, S-113 48 Stockholm (SE).
(74) **BERGLUND, Stefan** et al. / etc.; Bjerkéns Patentbyrå KB, Östermalmsgatan 58, S-114 50 Stockholm (SE).
(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **G09B 19/00**
(11) **WO 01/73728** (13) A1
(21) PCT/US01/09827
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) en (26) en
(30) 09/536,536 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • AN EDUCATIONAL AID AND METHOD
• PROCEDE ET INSTRUMENT PEDAGOGIQUE
(71, 72) **VALLEE, Harold, C.** [US/US]; P.O. Box 1198, Angels Camp, CA 95222 (US).
(74) **KESHISHZADEH, Milord**; Milord & Associates, Suite 1700, 2029 Century Park East, Los Angeles, CA 90067 (US).
(81) AU CA CN IN JP KP KR NO NZ PL PT SG VN.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G09F 9/30, 9/302**
(11) **WO 01/73729** (13) A1
(21) PCT/KR00/00295
(22) **31 Mar/mar 2000 (31.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • REFLECTION PRISM DEVICE FOR DISPLAYING IMAGE AND MOVING PICTURE SIGNBOARD USING THE SAME
• DISPOSITIF A PRISME REFLECTEUR D'IMAGES FIXES ET ANIMEES ET PANNEAU DE PRESENTATION L'UTILISANT
(71) **SEOK, Sung, Hwa** [KR/KR]; 252-93 Kueuidong, Kyangjin-ku, Seoul 143-200 (KR).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) **KIM, Jong, Hak** [CN/CN]; 6Hao Dongling-Lu, Dongling-Qu, Shenyang-shi 110043 (CN).
(72, 75) **KIM, Il, Hyen** [CN/CN]; 6Hao Dongling-Lu, Dongling-Qu, Shenyang-shi 110043 (CN). **KIM, Kye, Young** [CN/CN]; 6Hao Dongling-Lu, Dongling-Qu, Shenyang-shi 110043 (CN).
(74) **LEE, Jong, Il**; #904 BYC Building, 648-1, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
(81) AE AL AM AT AU AZ BA BB BG BR BY CA CH CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G09F 9/40, G02B 26/08**
(11) **WO 01/73730** (13) A1
(21) PCT/JP01/02499
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-87624 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • DISPLAY DEVICE AND METHOD OF MANUFACTURE THEREOF
• AFFICHEUR ET PROCEDE DE FABRICATION
(71) **NGK INSULATORS, LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).
(72) **TAKEUCHI, Yukihisa**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **TSUJI, Hiroyuki**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **NANATAKI, Tsutomu**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **OHWADA, Iwao**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **TOYAMA, Nobutoshi**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP). **NOGUCHI, Nobuchika**; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).
(74) **CHIBA, Yoshihiro** et al. / etc.; Shinjuku Maynds Tower 16F, 1-1, Yoyogi 2-chome, Shibuya-ku, Tokyo 151-0053 (JP).
(84) EP (DE FR GB IT NL).

(51)⁷ **G09F 13/18, 13/04**
(11) **WO 01/73731** (13) A1
(21) PCT/AU01/00355
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) en (26) en
(30) PQ 6640 **31 Mar/mar 2000 AU (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • SIGN CARTRIDGE
• CARTOUCHE DE SIGNALISATION
(71) **LEGRAND MINITRONICS PTY LTD** [AU/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SACHA, Jordan** [AU/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). **DUMON, Paul** [FR/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). **HINCHLIFF, John** [GB/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). **ZHONG, Limin** [CN/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). **STIELER, Detlef** [DE/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). **GREIG, Tony** [FR/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU).
(74) **F B RICE & CO.**; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G09F 13/18, 13/04

(11) WO 01/73732 (13) A1

(21) PCT/AU01/00356

(22) 30 Mar/mar 2001 (30.03.2001)

(25) en (26) en

(30) PQ 6638 31 Mar/mar 2000 AU (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SIGN CARRIER FOR AN EMERGENCY LIGHT

• SUPPORT D'INDICATION POUR ECLAIRAGE DE SECOURS

(71) LEGRAND MINITRONICS PTY LTD [AU/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SACHA, Jordan [AU/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). DUMON, Paul [FR/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). HINCHLIFF, John [GB/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). ZHONG, Limin [CN/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). STIELER, Detlef [DE/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). GREIG, Tony [FR/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU).

(74) F B RICE & CO; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G09F 13/18, 13/04

(11) WO 01/73733 (13) A1

(21) PCT/AU01/00357

(22) 30 Mar/mar 2001 (30.03.2001)

(25) en (26) en

(30) PQ 6639 31 Mar/mar 2000 AU (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ILLUMINATED SIGN WITH EMERGENCY LIGHTING FUNCTION

• PANNEAU ECLAIRE DOTE D'UNE FONCTION D'ECLAIRAGE D'URGENCE

(71) LEGRAND MINITRONICS PTY LTD [AU/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SACHA, Jordan [AU/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). DUMON, Paul [FR/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). HINCHLIFF, John [GB/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). ZHONG, Limin [CN/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). STIELER, Detlef [DE/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU). GREIG, Tony [FR/AU]; 3/107 Carnarvon Street, Silverwater, NSW 2128 (AU).

(74) F B RICE & CO; 605 Darling Street, Balmain, NSW 2041 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ G09G

(11) WO 01/73734 (13) A2

(21) PCT/US01/10090

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 09/537,162 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR SYNCHRONIZING RASTER AND VECTOR MAP IMAGES

• SYSTEME ET PROCEDE DE SYNCHRONISATION D'IMAGES MATRICIELLES ET VECTORISEES

(71) PROVAR INC. [US/US]; Suite 350, 6751 Rufe Snow Dr., Watauga, TX 76148 (US).

(72) HIGGINS, Darin, Wayne; 125 Willow Ridge Rd., Forth Worth, TX 76103 (US). SCOTT, Dan, Martin; 4058 North Beltline Rd. #136, Irving, TX 75038 (US).

(74) THRASHER, Steven, W.; Jackson Walker L.L.P., 2435 N. Central Expressway, #600, Richardson, TX 75080 (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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ G09G 3/00

(11) WO 01/73735 (13) A2

(21) PCT/EP01/01964

(22) 21 Feb/fév 2001 (21.02.2001)

(25) en (26) en

(30) 09/534,210 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MATRIX STRUCTURE BASED LED ARRAY

• RESEAU DE DIODES ELECTROLUMINESCENTES (LED) BASE SUR UNE STRUCTURE MATRICIELLE

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) CHANG, Chin; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). PENG, Shaomin; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) DUSSELDORP, Jan, C.; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G09G 3/20, 3/14

(11) WO 01/73736 (13) A1

(21) PCT/IB01/00477

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 09/535,528 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR DRIVING A DIGITAL DISPLAY BY DISTRIBUTING PWM PULSES OVER TIME

• PROCEDE ET APPAREIL DE COMMANDE D'UN AFFICHAGE NUMERIQUE PAR LA REPARTITION TEMPORELLE DE LA MODULATION D'IMPULSIONS EN DUREE

(71) LIGHTHOUSE TECHNOLOGIES LTD. [CN/CN]; HKPC Building, 5th Floor, 78 Tat Chee Avenue, Kowloon, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(71) DAVIES, Paul, Richard [NZ/CN]; Alexandra House, 7th Floor, Chater Road, Central, Hong Kong (CN).

(only for / seulement pour NZ)

(72, 75) VAN DE VEN, Antony [AU/CN]; HKPC Building, 5th Floor, 78 Tat Chee Avenue, Kowloon, Hong Kong (CN).

(74) DAVIES, Paul, Richard; Alexandra House, 7th Floor, Chater Road, Central, Hong Kong (CN).

(81) AE AG AL AM AT AU (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model

/ modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ G09G 3/30, 3/36, 3/20, G02F 1/133

(11) WO 01/73737 (13) A1

(21) PCT/JP01/02792

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-93576 30 Mar/mar 2000 JP (30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DISPLAY
• AFFICHAGE

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).

(72) MATSUEDA, Yojiro; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).

(74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-Shi, Nagano 392-8502 (JP).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G09G 3/30, 3/36, 3/20, G02F 1/133

(11) WO 01/73738 (13) A1

(21) PCT/JP01/02793

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-93577 30 Mar/mar 2000 JP (30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DISPLAY
• AFFICHEUR

(71) SEIKO EPSON CORPORATION [JP/JP]; 4-1, Nishi-Shinjuku 2-Chome, Shinjuku-Ku, Tokyo 163-0811 (JP).

(72) MATSUEDA, Yojiro; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).

(74) KAMIYANAGI, Masataka et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-Chome, Suwa-Shi, Nagano 392-8502 (JP).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G09G 3/36, H04N 5/66

(11) WO 01/73739 (13) A1

(21) PCT/BR01/00037

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) PI 0000932-6 28 Mar/mar 2000 BR (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CHANGES INTRODUCED ON MATRIX ANALOG SYSTEM FOR THE REPRODUCTION OF IMAGES

• CHANGEMENTS INTRODUITS DANS UN SYSTEME ANALOGIQUE MATRI-CIEL DE REPRODUCTION D'IMAGES

(63) US 09/762,876 (CIP) 12 Feb/fév 2000 (12.02.2000)

(71, 72) GOUVÊA, Nereu [BR/BR]; 3° Quadra, nº 26 Jd. Eldorado, CEP-83215-000 Paranaguá, PR (BR).

(72, 75) TRAMUJAS, Ricardo [BR/BR]; Rua Bento Munhoz da Rocha Neto, nº 2.049, CEP-83215-000 Paranaguá, PR (BR). TRAMUJAS, Ronaldo [BR/BR]; Rua Bento Munhoz da Rocha Neto, nº 2.049, CEP-83215-000 Paranaguá, PR (BR).

(74) FARIA DE CASTRO, Jurema, Cavalheiro; Av. Victor Ferreira do Amaral, nº 2.560, CEP-82810-350 Curitiba, PR (BR).

(81) AE AL AT AU CA CN CO CR CU DE DK DK (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) ID IL IN JP (Utility model / modèle d'utilité) KP KR (Utility model / modèle d'utilité) LR LT LV MK MX PL PT (Utility model / modèle d'utilité) RO SG SI TR TT UA US VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ G09G 3/36

(11) WO 01/73740 (13) A1

(21) PCT/EP01/02914

(22) 15 Mar/mar 2001 (15.03.2001)

(25) en (26) en

(30) 09/537,826 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS HAVING A DAC-CONTROLLED RAMP GENERATOR FOR APPLYING VOLTAGES TO INDIVIDUAL PIXELS IN A COLOR ELECTRO-OPTIC DISPLAY DEVICE

• APPAREIL POSSEDANT UN GENERATEUR DE RAMPE COMMANDE PAR UN CAN, DESTINE A APPLIQUER DES TENSIONS A DES PIXELS INDIVIDUELS DANS UN DISPOSITIF D'AFFICHAGE ELECTRO-OPTIQUE COULEUR

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) JANSSEN, Peter; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). ALBU,

Lucian, R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) BAELE, Ingrid, A., F., M.; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ G09G 3/36

(11) WO 01/73741 (13) A1

(21) PCT/EP01/02918

(22) 15 Mar/mar 2001 (15.03.2001)

(25) en (26) en

(30) 09/537,825 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DIGITALLY CONTROLLED CURRENT INTEGRATOR FOR REFLECTIVE LIQUID CRYSTAL DISPLAYS

• INTEGRATEUR DE COURANT A COMMANDE NUMERIQUE DESTINE AUX AFFICHEURS A CRISTAUX LIQUIDES REFLECHISSANTS (RLCD)

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) ALBU, Lucian, R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JANSSEN, Peter; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) BAELE, Ingrid, A., F., M.; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ G09G 3/36

(11) WO 01/73742 (13) A1

(21) PCT/EP01/02998

(22) 19 Mar/mar 2001 (19.03.2001)

(25) en (26) en

(30) 09/537,824 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SAMPLE AND HOLD COLUMN BUFFER FOR REFLECTIVE LCD

• MEMOIRE TAMPON EN COLONNE D'ECHANTILLONNAGE ET DE MEMORISATION POUR AFFICHAGE A CRISTAUX LIQUIDES REFLECHISSANTS

(71) KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) ALBU, Lucian, R.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). JANSSEN, Peter, J.; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) BAELE, Ingrid, A., F., M.; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **G09G 3/36, G02F 1/133**

(11) **WO 01/73743** (13) A1

(21) PCT/JP01/02324

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) ja (26) ja

(30) 2000-89321 **28 Mar/mar 2000 JP
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● LIQUID CRYSTAL DISPLAY, METHOD
AND APPARATUS FOR DRIVING LIQUID
CRYSTAL DISPLAY, AND ELECTRONIC DEVICE

● AFFICHEUR A CRISTAUX LIQUIDES,
PROCEDE ET DISPOSITIF DE COMMANDE
D'UN AFFICHEUR A CRISTAUX LIQUIDES,
DISPOSITIF ELECTRONIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP];
4-1, Nishi-shinjuku 2-chome, Shinjuku-ku,
Tokyo 163-0811 (JP).

(72) **ISHIYAMA, Hisanobu**; c/o SEIKO EPSON
CORPORATION, 3-5, Owa 3-chome, Suwa-
shi, Nagano 392-8502 (JP).

(74) **INOUE, Hajime** et al. / etc.; 2nd Floor,
Ogikubo TM Bldg., 26-13, Ogikubo
5-chome, Suginami-ku, Tokyo 167-0051
(JP).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **G09G 5/00**

(11) **WO 01/73744** (13) A1

(21) PCT/US01/09053

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/534,474 **24 Mar/mar 2000 US
(24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● USER FRIENDLY KEYBOARD
● CLAVIER CONVIVIAL

(71, 72) **WOODS, Debra, L.** [US/US]; 12776
Bombay Way, Woodbridge, VA 22192 (US).

(74) **DIEDERIKS, Everett, G., Jr.**; Diederiks &
Whitelaw, PLC, 12471 Dillingham Sq. #301,
Woodbridge, VA 22192 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **G09G 5/08, G06F 15/173**

(11) **WO 01/73745** (13) A1

(21) PCT/US01/10579

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,931 **29 Mar/mar 2000 US
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PERSONALIZED COMPUTER PERIPH-
ERAL

● PERIPHERIQUE D'ORDINATEUR
PERSONNALISE

(71) **INDELELINK CORPORATION**
[US/US]; P.O. Box 9458, Salt Lake City,
UT 84109-9998 (US).

(72) **GERPHEIDE, George**; 3481 South Monte
Verde, Salt Lake City, UT 84109 (US).

(74) **O'BRYANT, David, W.** et al. / etc.; Morriss,
Bateman, O'Bryant & Compagni, P.C., Suite
300, 5882 South 900 East, Salt Lake City, UT
84121 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ **G10D 1/08, 3/00**

(11) **WO 01/73746** (13) A1

(21) PCT/FI01/00290

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 20000689 **24 Mar/mar 2000 FI
(24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A SUPPORT STRUCTURE FOR A
STRINGED INSTRUMENT
● STRUCTURE DE SUPPORT D'UN INS-
TRUMENT A CORDES

(71) **LIIKANEN MUSICAL INSTRUMENTS
KY** [FI/FI]; Vääksyntie 4, FIN-00510
Helsinki (FI).

(for all designated States except / pour tous
les États désignés sauf US)

(71, 72) **FLORATH, Uwe** [FI/FI]; Omenalahden-
tie 26, FIN-04500 Kellokoski (FI).

(72, 75) **LIIKANEN, Kauko, Tapani** [FI/FI];
Leikkosaarentie 18 A 7, FIN-00980 Helsinki
(FI).

(74) **LEITZINGER OY**; Ruoholahdenkatu 8,
FIN-00180 Helsinki (FI).

(81) AE AG AL AM AT AU (Utility model /
modèle d'utilité) AZ BA BB BG BR BY
BZ CA CH CN CO CR CU CZ CZ (Utility
model / modèle d'utilité) DE DE (Utility
model / modèle d'utilité) DK DK (Utility
model / modèle d'utilité) DM DZ EE EE
(Utility model / modèle d'utilité) ES FI FI

(Utility model / modèle d'utilité) GB GD GE
GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD
MG MK MN MW MX MZ NO NZ PL PT
RO RU SD SE SG SI SK SK (Utility model
/ modèle d'utilité) 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G10D 9/02**

(11) **WO 01/73747** (13) A1

(21) PCT/EP01/03475

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de

(30) 100 15 108.6 **28 Mar/mar 2000 DE
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MOUTHPIECE FOR A WIND INSTRU-
MENT

● BEC POUR INSTRUMENT A VENT

(71) **HARTMANN, Harry** [DE/DE]; Friedrich-
List-Str. 6, 70565 Stuttgart (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).

Published / Publiée : (c)

(51)⁷ **G10H 1/00**

(11) **WO 01/73748** (13) A1

(21) PCT/GB01/01365

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 0007318.9 **27 Mar/mar 2000 GB
(27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A METHOD AND SYSTEM FOR CRE-
ATING A MUSICAL COMPOSITION

● PROCEDE ET SYSTEME PERMET-
TANT DE CREER UNE COMPOSITION
MUSICALE

(71) **SSEYO LIMITED** [GB/GB]; Highview
House, Charles Square, Bracknell RG12 1DF
(GB).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **LEACH, Jeremy, Louis** [GB/GB];
Highview House, Charles Square, Bracknell
RG12 1DF (GB).

(74) **MAGGS, Michael, Norman** et al. / etc.; Kil-
burn & Strode, 20 Red Lion Street, London
WC1R 4PJ (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G10H 1/00, 7/02, 1/10**
(11) **WO 01/73749** (13) A1
(21) PCT/JP01/02442
(22) **27 Mar/mar 2001 (27.03.2001)**
(25) ja (26) ja
(30) 2000-88204 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • MUSIC PLAYER APPLICABLE TO PORTABLE TELEPHONE TERMINAL
• LECTEUR DE MUSIQUE POUVANT S'APPLIQUER A UN TERMINAL TELEPHONIQUE PORTATIF

(71) **YAMAHA CORPORATION** [JP/JP]; 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANIGUCHI, Junya** [JP/JP]; Yamaha Corporation, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP). **NAKAMURA, Nobukazu** [JP/JP]; Yamaha Corporation, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP). **TOBA, Nobukazu** [JP/JP]; Yamaha Corporation, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP). **TANAKA, Takahiro** [JP/JP]; Yamaha Corporation, 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka 430-8650 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Bldg., 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G10L**
(11) **WO 01/73750** (13) A2
(21) PCT/US01/09705
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 09/534,700 **24 Mar/mar 2000 US (24.03.2000)**
(30) 60/219,079 **18 Jul/juill 2000 US (18.07.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) • VOICE-INTERACTIVE MARKET-PLACE PROVIDING TIME AND MONEY SAVING BENEFITS AND REAL-TIME PROMOTION PUBLISHING AND FEEDBACK

• MARCHE VOCAL INTERACTIF AP-PORTANT DES AVANTAGES PERMETTANT D'ECONOMISER DU TEMPS ET DE L'ARGENT ET FOURNISSANT UNE PUBLICATION DE PROMOTION ET UNE RETROACTION EN TEMPS REEL

(71) **DIALSURE, INC.** [US/US]; 2318 Oak Flat Road, San Jose, CA 95131 (US).

(72) **ALPDEMIR, Ahmet**; 2318 Oak Flat Road, San Jose, CA 95131 (US).

(74) **ANANIAN, R., Michael** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G10L 11/02, 19/00**
(11) **WO 01/73751** (13) A1
(21) PCT/US01/40226
(22) **2 Mar/mar 2001 (02.03.2001)**
(25) en (26) en
(30) 09/536,707 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SPEECH PRESENCE MEASUREMENT DETECTION TECHNIQUES
• TECHNIQUES PERMETTANT DE DETECTER LES MESURES DE LA PRESENCE DE PAROLE

(71) **TELLABS OPERATIONS, INC.** [US/US]; 4951 Indiana Avenue, Lisle, IL 60532 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHANDRAN, Ravi** [SG/US]; 18082 East Courtland Drive, South Bend, IN 46637 (US). **DUNNE, Bruce, E.** [US/US]; 269 Batchelor Road, Niles, MI 49120 (US). **MARCHOK, Daniel, J.** [US/US]; 14984 West Clear Lake Road, Buchanan, MI 49107 (US).

(74) **BARICH, Joseph, M.**; McAndrews Held & Malloy, Ltd., 500 W. Madison, Suite 3400, Chicago, IL 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G10L 13/08, 19/00, H04H 1/00 // G10L 101:00**

(11) **WO 01/73752** (13) A1
(21) PCT/JP00/06546

(22) **25 Sep/sep 2000 (25.09.2000)**
(25) ja (26) ja

(30) 2000-89862 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • STORAGE MEDIUM, DISTRIBUTING METHOD, AND SPEECH OUTPUT DEVICE
• MOYEN DE STOCKAGE, PROCEDE DE DISTRIBUTION ET DISPOSITIF DE SORTIE VOCALE

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-0913 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANAKI, Tooru** [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). **KAWABATA, Motoo** [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). **AKAMINE, Masami** [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

SETO, Shigenobu [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). **KAGOSHIMA, Takehiko** [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

AKASHI, Yoichi [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). **MAIKUMA, Kunio** [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

TAKEUCHI, Fumiko [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP). **IWASAKI, Hiroshi** [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

YAMAZAKI, Yoshihiro [JP/JP]; c/o Intellectual Property Division, Kabushiki Kaisha Toshiba, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001 (JP).

(74) **MIYOSHI, Hidekazu**; 9th Floor, Toranomon Daiichi Building, 2-3, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) CN KR SG US.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **G10L 15/04, 15/28**
(11) **WO 01/73753** (13) A1
(21) PCT/US01/09370
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,090 **24 Mar/mar 2000 US (24.03.2000)**
(30) 60/192,091 **24 Mar/mar 2000 US (24.03.2000)**

- (30) 60/192,076 **24 Mar/mar 2000** US
(24.03.2000) (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- (30) 60/191,915 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A NOVEL APPROACH TO SPEECH RECOGNITION
• NOUVELLE APPROCHE RELATIVE A LA RECONNAISSANCE VOCALE
- (71) **ELIZA CORPORATION** [US/US]; Suite 350C, 100 Cummings Center, Beverly, MA 01915 (US).
- (72) **KROEKER, John, P.**; 100 Ortins Road, Hamilton, MA 01915 (US).
- (74) **KUSMER, Toby, H.** et al. / etc.; McDermott, Will & Emery, 28 State Street, Boston, MA 02109 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G10L 15/14, 15/16**
(11) **WO 01/73754** (13) A1
(21) PCT/US01/09422
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 09/534,707 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SEGMENTATION APPROACH FOR SPEECH RECOGNITION SYSTEMS
• TECHNIQUE DE SEGMENTATION POUR SYSTEMES DE RECONNAISSANCE VOCALE
- (71) **SPEECHWORKS INTERNATIONAL, INC.** [US/US]; 695 Atlantic Avenue, Boston, MA 02111 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FANTY, Mark** [US/US]; 108 Union Street, Norfolk, MA 02144 (US). **PHILLIPS, Michael, S.** [US/US]; 653 Concord Avenue, Belmont, MA 02474 (US).
- (74) **STEINBERG, Donald, R.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA
- (72, 75) **TAN, Kah, Chye** [SG/SG]; Addest Technovation Pte. Ltd., 20 Ayer Rajah Crescent #09-19, Technopreneur Centre, Singapore 139964 (SG). **NEO, Sian, Sheng** [SG/SG]; Block 354 #07-31, Kang Ching Road, Singapore 610354 (SG). **ER, Meng, Hwa** [SG/SG]; Nanyang Technological University, Hall 11, Nanyang Avenue, Singapore 639798 (SG). **HO, Kwok, Chiang** [SG/SG]; Block 310, #10-127, Canberra Road, Singapore 750310 (SG).
- (74) **FARAH, Namazie** et al. / etc.; Haq & Namazie Partnership, Robinson Road, P.O. Box 765, Singapore 901515 (SG).
- (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 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **G10L 21/00**
(11) **WO 01/73757** (13) A1
(21) PCT/US01/40354
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,091 **24 Mar/mar 2000** US
(24.03.2000)
(30) 60/191,915 **24 Mar/mar 2000** US
(24.03.2000)
(30) 60/192,090 **24 Mar/mar 2000** US
(24.03.2000)
(30) 60/192,076 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • REMOTE SERVER OBJECT ARCHITECTURE FOR SPEECH RECOGNITION
• ARCHITECTURE D'OBJET DE SERVEUR A DISTANCE DESTINEE A LA RECONNAISSANCE VOCALE
- (71) **ELIZA CORPORATION** [US/US]; Suite 350C, 100 Cummings Center, Beverly, MA 01915 (US).
- (72) **BOULANOV, Oleg**; 35 Apple Road #21, Beverly, MA 01915 (US).
- (74) **KUSMER, Toby, H.**; 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **G10L 17/00**
(11) **WO 01/73756** (13) A1
(21) PCT/SG00/00063
(22) **31 Mar/mar 2000 (31.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SPEAKER VERIFICATION FROM A PROJECTION MATRIX
• VERIFICATION D'UN LOCUTEUR A PARTIR D'UNE MATRICE DE PROJECTION
- (71) **CENTRE FOR SIGNAL PROCESSING OF THE NANYANG TECHNOLOGICAL UNIVERSITY SCHOOL OF ELECTRICAL & ELECTRONIC ENGINEERING** [SG/SG]; Block S2, Level B4, S2-B4b-05, 50 Nanyang Avenue, Singapore 639798 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(51)⁷ **G10L 21/02**
(11) **WO 01/73758** (13) A1
(21) PCT/US01/06750
(22) **2 Mar/mar 2001 (02.03.2001)**
(25) en (26) en
(30) 09/536,707 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● SPECTRALLY INTERDEPENDENT GAIN ADJUSTMENT TECHNIQUES
● TECHNIQUES DE REGLAGE DE GAINS SPECTRALEMENT INTERDEPENDANTS

(71) **TELLABS OPERATIONS, INC.** [US/US]; 4951 Indiana Avenue, Lisle, IL 60532 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CHANDRAN, Ravi** [SG/US]; 18082 East Courtland Drive, South Bend, IN 46637 (US). **DUNNE, Bruce, E.** [US/US]; 269 Batchelor Road, Niles, MI 49120 (US). **MARCHOK, Daniel, J.** [US/US]; 14984 West Clear Lake Road, Buchanan, MI 49107 (US).

(74) **BARICH, Joseph, M.**; McAndrews Held & Malloy, Ltd., 500 W. Madison, Suite 3400, Chicago, IL 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G10L 21/02, 11/00**
(11) **WO 01/73759** (13) A1
(21) PCT/US01/06888
(22) **2 Mar/mar 2001 (02.03.2001)**
(25) en (26) en
(30) 09/537,814 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● PERCEPTUAL SPECTRAL WEIGHTING OF FREQUENCY BANDS FOR ADAPTIVE NOISE CANCELLATION
● PONDERATION SPECTRALE PERCEPTIVE DE BANDES DE FREQUENCE POUR UNE SUPPRESSION ADAPTATIVE DU BRUIT

(71) **TELLABS OPERATIONS, INC.** [US/US]; 4951 Indiana Avenue, Lisle, IL 60532 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CHANDRAN, Ravi** [SG/US]; 18082 East Courtland Drive, South Bend, IN 46637 (US). **DUNNE, Bruce, E.** [US/US]; 269 Batchelor Road, Niles, MI 49120 (US). **MARCHOK, Daniel, J.** [US/US]; 14984 West Clear Lake Road, Buchanan, MI 49107 (US).

(74) **BARICH, Joseph, M.**; McAndrews Held & Malloy, Ltd., 500 W. Madison, Suite 3400, Chicago, IL 60661 (US).

(74) **BARICH, Joseph, M.**; McAndrews Held & Malloy, Ltd., Suite 3400, 500 W. Madison, Chicago, IL 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G10L 21/02**
(11) **WO 01/73760** (13) A1
(21) PCT/US01/06889
(22) **2 Mar/mar 2001 (02.03.2001)**
(25) en (26) en
(30) 09/536,941 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● COMMUNICATION SYSTEM NOISE CANCELLATION POWER SIGNAL CALCULATION TECHNIQUES
● TECHNIQUES DE CALCUL DE SIGNAUX DE PUISSANCE D'ELIMINATION DU BRUIT DE SYSTEMES DE COMMUNICATION

(71) **TELLABS OPERATIONS, INC.** [US/US]; 4951 Indiana Avenue, Lisle, IL 60532 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHANDRAN, Ravi** [SG/US]; 18082 East Courtland Drive, South Bend, IN 46637 (US). **DUNNE, Bruce, E.** [US/US]; 269 Batchelor Road, Niles, MI 49120 (US). **MARCHOK, Daniel, J.** [US/US]; 14984 West Clear Lake Road, Buchanan, MI 49107 (US).

(74) **BARICH, Joseph, M.**; McAndrews Held & Malloy, Ltd., 500 W. Madison, Suite 3400, Chicago, IL 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G10L 21/02**
(11) **WO 01/73761** (13) A1
(21) PCT/US01/06893
(22) **2 Mar/mar 2001 (02.03.2001)**
(25) en (26) en
(30) 09/535,844 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● RELATIVE NOISE RATIO WEIGHTING TECHNIQUES FOR ADAPTIVE NOISE CANCELLATION
● TECHNIQUES DE PONDERATION DU RAPPORT DU BRUIT RELATIF POUR SUPPRESSION ADAPTATIVE DU BRUIT

(71) **TELLABS OPERATIONS, INC.** [US/US]; 4951 Indiana Avenue, Lisle, IL 60532 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHANDRAN, Ravi** [SG/US]; 18082 East Courtland Drive, South Bend, IN 46637 (US). **DUNNE, Bruce, E.** [US/US]; 269 Batchelor Road, Niles, MI 49120 (US). **MARCHOK, Daniel, J.** [US/US]; 14984 West Clear Lake Road, Buchanan, MI 49107 (US).

(74) **BARICH, Joseph, M.**; McAndrews Held & Malloy, Ltd., 500 W. Madison, Suite 3400, Chicago, IL 60661 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G11B 5/00**
(11) **WO 01/73762** (13) A2
(21) PCT/GB01/01180
(22) **19 Mar/mar 2001 (19.03.2001)**
(25) en (26) en
(30) 09/536,868 **27 Mar/mar 2000 US (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MAGNETIC RECORDING MEDIUM
● SUPPORT D'ENREGISTREMENT MAGNETIQUE

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) **IBM UNITED KINGDOM LIMITED** [GB/GB]; P.O. Box 41, North Harbour, Portsmouth, Hampshire PO6 3AU (GB).
(only for / seulement pour MC)

(72) **FULLERTON, Eric, Edward**; 17212 Quail Court, Morgan Hill, CA 95037 (US). **MARGULIES, David, Thomas**; 10610C New Avenue, Gilroy, CA 95020 (US). **MARINERO, Ernesto, Esteban**; 12283 Woodside Drive, Saratoga, CA 95070 (US). **SCHABES, Manfred, Ernst**; 1508 Birchmeadow Court, San Jose, CA 95131 (US).

(74) **RICHARDS, John, 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

- MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G11B 5/012, 5/02, 5/00**
 (11) **WO 01/73763** (13) A1
 (21) PCT/EP01/03494
 (22) **27 Mar/mar 2001 (27.03.2001)**
 (25) en (26) en
 (30) 00201120.3 **28 Mar/mar 2000 EP (28.03.2000)**
 (30) 00201357.1 **15 Apr/avr 2000 EP (15.04.2000)**
 (30) 00201358.9 **15 Apr/avr 2000 EP (15.04.2000)**
 (30) 00201359.7 **15 Apr/avr 2000 EP (15.04.2000)**
 (30) 00201360.5 **15 Apr/avr 2000 EP (15.04.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • STORAGE MEDIUM FOR THERMALLY-ASSISTED MAGNETIC RECORDING
 • SUPPORT DE MEMORISATION SERVANT A EFFECTUER UN ENREGISTREMENT MAGNETIQUE A ASSISTANCE THERMIQUE
- (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) **RUIGROK, Jacobus, J., M.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LUITJENS, Steven, B.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **VISSER, Derk**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **G11B 5/02, 5/52**
 (11) **WO 01/73764** (13) A1
 (21) PCT/JP01/02376
 (22) **23 Mar/mar 2001 (23.03.2001)**
 (25) ja (26) ja
 (30) 2000-090003 **29 Mar/mar 2000 JP (29.03.2000)**
- (34) 4 Oct/oct 2001 (04.10.2001)
 (54) • ROTARY HEAD DEVICE
 • DISPOSITIF A TETE ROTATIVE
- (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) **ITO, Masakazu** [JP/JP]; 1122-12, Iioka, Saijo-shi, Ehime 793-0010 (JP). **TAKAHASHI, Hisashi** [JP/JP]; 328, Nakahime, Onoharacho, Mitoyo-gun, Kagawa 769-1612 (JP). **ISHIKAWA, Katuo** [JP/JP]; 645-8, Goro Kou, Ozu-shi, Ehime 795-0051 (JP).
- (74) **MORIMOTO, Yoshihiro**; All Nippon Airways(Nishi-Hommachi)Bldg., 4th Floor, 10-10, Nishi-Hommachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (JP).
- (81) CN ID US.
-
- (51)⁷ **G11B 5/48**
 (11) **WO 01/73765** (13) A1
 (21) PCT/US00/20150
 (22) **24 Jul/juil 2000 (24.07.2000)**
 (25) en (26) en
 (30) 60/192,063 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • DYNAMICALLY SYMMETRIC ACTUATOR
 • POSITIONNEUR DYNAMIQUEMENT SYMETRIQUE
- (71) **SEAGATE TECHNOLOGY LLC** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
- (72) **RESH, Roger, A.**; 14595 Carriage Lane, Prior Lake, MN 55372 (US). **BROWN-ING, Theodore, R.**; 2124 West 83rd Street, Bloomington, MN 55431 (US).
- (74) **KVALE, Deirdre, M.**; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US) et al. / etc.
- (81) CN DE GB JP KR SG.
- Published / Publiée : (b)
-
- (51)⁷ **G11B 5/53, 25/06, 33/08, 15/61**
 (11) **WO 01/73766** (13) A1
 (21) PCT/EP01/02973
 (22) **16 Mar/mar 2001 (16.03.2001)**
 (25) en (26) en
 (30) 00890100.1 **27 Mar/mar 2000 EP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • APPARATUS HAVING A DISH-SHAPED COMPONENT SUPPORT FORCE-COUPLED TO A DRIVE SHAFT
 • DISPOSITIF COMPORTANT UN SUPPORT EN FORME DE DISQUE COUPLE ACTIVEMENT A UN ARBRE D'ENTRAINEMENT
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **HUBER, Alois**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **WEBER, Helmut**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
-
- (51)⁷ **G11B 5/60**
 (11) **WO 01/73767** (13) A1
 (21) PCT/JP01/02290
 (22) **22 Mar/mar 2001 (22.03.2001)**
 (25) ja (26) ja
 (30) 2000-92403 **29 Mar/mar 2000 JP (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • MAGNETIC RECORDING AND REPRODUCING DEVICE
 • APPAREIL D'ENREGISTREMENT ET DE REPRODUCITON MAGNETIQUE
- (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) **UETA, Toshiaki** [JP/JP]; 190-7, Ichiba-uenodan, Ichiba-cho, Awa-gun, Tokushima 771-1602 (JP).
- (74) **HIGASHIMA, Takaharu**; HIGASHIMA PATENT OFFICE, Daiko Building, 2-14, Umeda 3-chome, Kita-ku, Osaka-shi, Osaka 530-0001 (JP).
- (81) CN ID US.
-
- (51)⁷ **G11B 7/00, 5/09**
 (11) **WO 01/73768** (13) A1
 (21) PCT/US01/10522
 (22) **29 Mar/mar 2001 (29.03.2001)**
 (25) en (26) en
 (30) 60/193,059 **29 Mar/mar 2000 US (29.03.2000)**
 (30) 60/244,819 **31 Oct/oct 2000 US (31.10.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • ANALOG RECORDING ON PHASE-CHANGE OPTICAL DISKS
 • ENREGISTREMENT ANALOGIQUE SUR DES DISQUES OPTIQUES A MODIFICATION DE PHASE
- (71) **CALIMETRICS, INC.** [US/US]; 815 Atlantic Avenue, #105, Alameda, CA 94501 (US).
- (72) **MIYAGAWA, Naoyasu**; Matsushita Electric Industrial Co., Ltd, Moriguchi, Osaka 570-8501 (JP). **MANSURIPUR, Masud**; 5748 N. Camino del Conde, Tucson, AZ 85718 (US).
- (74) **VAN PELT, Lee**; Van Pelt & Yi LLP, Suite 205, 4906 El Camino Real, Los Altos, CA 94022 (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 SI SK SL TJ TM TR
TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **G11B 7/00, 7/14, B23K 26/00**

(11) **WO 01/73769** (13) A1

(21) PCT/US01/40366

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/536,869 **27 Mar/mar 2000 US
(27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS HAVING LINE SOURCE
OF RADIANT ENERGY FOR EXPOS-
ING A SUBSTRATE

• APPAREIL MUNI D'UNE SOURCE
LINEAIRE D'ENERGIE RADIANTE
SERVANT A L'EXPOSITION D'UN
SUBSTRAT

(71) **ULTRATECH STEPPER, INC.** [US/US];
3050 Zanker Road, San Jose, CA 95134 (US).

(72) **MARKLE, David, A.**; 20690 Ritana Court,
Saratoga, CA 95070 (US). **HAWRYLUK,
Andrew, M.**; 10645 Eloise Circle, Los Altos,
CA 94024-6505 (US). **JEONG, Hwan, J.**;
364 San Luis Avenue, Los Altos, CA 94024
(US).

(74) **JONES, Allston, L.**; Peters, Verny, Jones &
Biksa, LLP, Suite 6, 385 Sherman Avenue,
Palo Alto, CA 94306 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **G11B 7/00**

(11) **WO 01/73770** (13) A2

(21) PCT/US01/09016

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/192,948 **24 Mar/mar 2000 US
(24.03.2000)**

(30) 60/192,949 **27 Mar/mar 2000 US
(27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A SMALL APERTURE SEMITRANS-
PARENT OPTICAL DETECTOR IN-
CLUDING EDGE PASSIVATION AND
METHOD OF MAKING

• DETECTEUR OPTIQUE SEMI-TRANS-
PARENT A PETITE OUVERTURE ET
A PASSIVATION LATÉRALE, ET PRO-
CEDE DE FABRICATION ASSOCIE

(71) **AEGIS SEMICONDUCTOR** [US/US];
170 Common Street, Suite 204, Lawrence,
MA 01840 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **PAYNE, Adam, M.** [US/US]; 170 Com-
mon Street, Suite 204, Lawrence, MA 01840
(US). **WAGNER, Matthias** [US/US]; 170
Common Street, Suite 204, Lawrence, MA
01840 (US). **MA, Eugene, Y.** [US/US]; 170
Common Street, Suite 204, Lawrence, MA
01840 (US).

(74) **ENGELSON, Gary, S.**; 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **G11B 7/007**

(11) **WO 01/73771** (13) A2

(21) PCT/JP01/02605

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 2000-90338 **29 Mar/mar 2000 JP
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL DISK AND RECORDING
DEVICE AND READING DEVICE FOR
SUCH AN OPTICAL DISK

• DISQUE OPTIQUE ET DISPOSITIF
D'ENREGISTREMENT ET DE LEC-
TURE POUR LEDIT DISQUE OPTIQUE

(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) **YAMAMOTO, Takeharu** [JP/JP];
17-23, Otsukacho 2-chome, Takatsuki-shi,
Osaka 569-0034 (JP). **KANDA, Yoshihiro**
[JP/JP]; 5-15-1, Kibogaoka, Toyonocho,
Toyono-gun, Osaka 563-0214 (JP). **YA-
MAGUCHI, Hiroyuki** [JP/JP]; 2-14-2,
Najio Sakuradai, Nishinomiya-shi, Hyogo
669-1146 (JP). **INOUE, Shinji** [JP/JP];
1779-9, Minamikata, Kawauchicho, On-
sen-gun, Ehime 791-0301 (JP).

(74) **YAMAMOTO, Shusaku**; Fifteenth Floor,
Crystal Tower, 2-27, Shiromi 1-chome,
Chuo-ku, Osaka-shi, Osaka 540-6015 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN 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
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 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 GW ML MR
NE SN TD TG).

(51)⁷ **G11B 7/085**

(11) **WO 01/73772** (13) A1

(21) PCT/JP01/02557

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-89187 **28 Mar/mar 2000 JP
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL DISK APPARATUS

• APPAREIL A DISQUE OPTIQUE

(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) **KAJI, Toshihiko** [JP/JP]; 8-9, Yagumo-
cho, Niihama-shi, Ehime 792-0805 (JP).

(74) **HAYASE, Kenichi**; Hayase & Co., 8F,
Easaka ANA Building, 17-1, Enoki-cho,
Suita-shi, Osaka 564-0053 (JP).

(81) CN ID KR SG US.

(51)⁷ **G11B 7/09, 7/0065, 7/135, G03H 1/22,
1/26**

(11) **WO 01/73773** (13) A1

(21) PCT/JP01/01845

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) ja (26) ja

(30) 2000-90813 **29 Mar/mar 2000 JP
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL PICKUP

• CAPTEUR OPTIQUE

(71) **OPTWARE CORPORATION** [JP/JP];
405, 22-23, Ebisu 1-chome, Shibuya-ku,
Tokyo 150-0013 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **HORIMAI, Hideyoshi** [JP/JP]; c/o
Optware Corporation, 405, 22-23, Ebisu
1-chome, Shibuya-ku, Tokyo 150-0013 (JP).

(74) **HOSHIMIYA, Katsumi**; 10th Floor,
Toukou Building, 15-7, Shinjuku 5-chome,
Shinjuku-ku, Tokyo 160-0022 (JP).

(81) AU CA CN ID KR MX SG US.

(84) 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).

(51)⁷ **G11B 7/125, 7/135, H01S 5/40**

(11) **WO 01/73774** (13) A1

(21) PCT/JP01/02559

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-91815 **29 Mar/mar 2000 JP
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL PICKUP DEVICE AND
LASER DEVICE

• DISPOSITIF D'EXPLORATION OP-
TIQUE ET DISPOSITIF LASER

(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) **KOMOTO, Hiraku** [JP/JP]; Weekly Mansion 501, 1350-5, Yokogawara, Shigenobu-cho, Onsen-gun, Ehime 791-0203 (JP).

(74) **HAYASE, Kenichi**; Hayase & Co. Patent Attorneys, 8F, Esaka ANA Building, 17-1, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

(81) CN ID JP KR SG US.

(51)⁷ **G11B 7/135**

(11) **WO 01/73775** (13) A1

(21) PCT/EP01/02348

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) en (26) en

(30) 00201098.1 **27 Mar/mar 2000 EP (27.03.2000)**

(30) 00201688.9 **11 May/mai 2000 EP (11.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● OPTICAL SCANNING DEVICE

● DISPOSITIF DE BALAYAGE OPTIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **HENDRIKS, Bernardus, H., W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NUYENS, Petrus, G., J., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VISSER, Derk**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **VISSER, Derk**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) BR CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G11B 7/22, 7/135**

(11) **WO 01/73776** (13) A1

(21) PCT/EP01/02156

(22) **26 Feb/fév 2001 (26.02.2001)**

(25) en (26) en

(30) 00201098.1 **27 Mar/mar 2000 EP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● OPTICAL LENS SYSTEM COMPRISING TWO MORE THAN HALF-SPHERICAL LENSES

● SYSTEME DE LENTILLE OPTIQUE COMPORTANT DEUX LENTILLES SPHERIQUES SUPERIEURES A LA MOITIE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **BAARTMAN, Jan, P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HENDRIKS, Bernardus, H., W.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DE VEERDONK, Johannes, T., A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WOLFS, Marc, J., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) BR CN JP KR SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G11B 7/24**

(11) **WO 01/73777** (13) A1

(21) PCT/CN00/00062

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) zh (26) zh

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A SUPER DIGITAL VERSATILE DISK AND ITS MANUFACTURING METHOD AND DIE

● DISQUE SUPERNUMERIQUE UNIVERSEL, SON PROCEDE DE FABRICATION ET SA MATRICE

(71) **GOLDSENSE LASER AV PRODUCTION LIMITED** [CN/CN]; 3/F Paramount Building, 12Ka Yip Street, Chai Wan, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **XIU, Faiman** [CN/CN]; 3/F Paramount Building, 12Ka Yip Street, Chai Wan, Hong Kong (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G11B 7/24**

(11) **WO 01/73778** (13) A1

(21) PCT/CN00/00067

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AN OPTICAL DISK WITH A PATTERN AND ITS MANUFACTURING METHODS

● DISQUE OPTIQUE COMPORTANT DES IMAGES ET SON PROCEDE DE FABRICATION

(71) **GOLDSENSE LASER AV PRODUCTION LIMITED** [CN/CN]; 3/F Paramount Building, 12Ka Yip Street, Chai Wan, Hong Kong (CN).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SIU, Fai, Man** [CN/CN]; 3/F Paramount Building, 12Ka Yip Street, Chai Wan, Hong Kong (CN).

(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G11B 7/24**

(11) **WO 01/73779** (13) A2

(21) PCT/IL01/00286

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 135309 **28 Mar/mar 2000 IL (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● THREE-DIMENSIONAL OPTICAL MEMORY

● MEMOIRE OPTIQUE TRIDIMENSIONNELLE

(71, 72) **ALPERT, Ortal** [IL/IL]; 16 Ha'arazim Street, 96182 Jerusalem (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O.B. 4060, 61040 Tel Aviv (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ **G11B 7/24, C08J 5/18 // C08L 101:00, 69:00**

(11) **WO 01/73780** (13) A1

(21) PCT/JP01/02692

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 2000-90777 **29 Mar/mar 2000 JP (29.03.2000)**

(30) 2000-238249 **7 Aug/août 2000 JP (07.08.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PROTECTIVE COAT FOR OPTICAL RECORDING MEDIUM AND OPTICAL RECORDING MEDIUM

● GARNITURE DE PROTECTION POUR SUPPORT D'ENREGISTREMENT OPTIQUE ET SUPPORT D'ENREGISTREMENT OPTIQUE

(71) **TELJIN LIMITED** [JP/JP]; 6-7, Minami-hommachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIYAMA, Akihiko** [JP/JP]; C/O TEIJIN LIMITED, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **KUSHIDA, Takashi** [JP/JP]; C/O TEIJIN LIMITED, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (JP). **TSUJIKURA, Masakazu** [JP/JP]; C/O TEIJIN LIMITED, Tokyo Research Center, 3-2, Asahigaoka 4-chome, Hino-shi, Tokyo 191-0065 (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) CA CN ID JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G11B 15/08**

(11) **WO 01/73781** (13) A1

(21) PCT/JP01/02403

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-91099 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **START/END EDGE DETECTOR FOR MAGNETIC TAPE**

• DETECTEUR DE BORD DE DEBUT/FIN POUR BANDE MAGNETIQUE

(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) **YANAGIHARA, Takefumi** [JP/JP]; 232-9, Shimoshimayama Kuo, Saijo-shi, Ehime 793-0006 (JP).

(74) **MATSUDA, Masamichi**; Shin-Osaka Ikushima bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) CN ID US.

(51)⁷ **G11B 17/04**

(11) **WO 01/73782** (13) A1

(21) PCT/DE01/00771

(22) **1 Mar/mar 2001 (01.03.2001)**

(25) de (26) de

(30) 100 15 694.0 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **CD DRIVE**

• COMMANDE CD

(71) **FUJITSU SIEMENS COMPUTERS GMBH** [DE/DE]; Otto-Hahn-Ring 6, 81739 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERTES, Wilbert** [DE/DE]; Alter Postweg 24, 86343 Königsbrunn (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM

DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G11B 17/22, 15/68, H02K 41/02, 11/00**

(11) **WO 01/73783** (13) A1

(21) PCT/US01/09594

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,842 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **A SCALABLE MEANS OF SUPPLYING POWER TO A REMOTELY CONTROLLED, SEMI-AUTONOMOUS ROBOT**

• DISPOSITIF MODULABLE DE FOURNIR UNE ALIMENTATION A UN ROBOT SEMI-AUTONOME COMMANDE A DISTANCE

(71) **STORAGE TECHNOLOGY CORPORATION** [US/US]; Wayne P. Bailey, One Storage-Tek Drive, MS-4309, Louisville, CO 80028-4309 (US).

(72) **MILLER, David, W.**; 703 Harrison Drive, Lafayette, CO 80026 (US). **SMITH, Frank, T.**; 200 Rocky Knob Lane, Nederland, CO 80466 (US). **OSTWALD, Timothy, C.**; 1121 Grant Avenue, Louisville, CO 80027 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **G11B 20/12, 20/10, 7/007, G06F 12/14**

(11) **WO 01/73784** (13) A1

(21) PCT/JP01/02561

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-90339 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **OPTICAL DISK, REPRODUCING DEVICE, AND RECORDING DEVICE**

• DISQUE OPTIQUE, LECTEUR, ET ENREGISTREUR

(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) **KAWASHIMA, Keiichi** [JP/JP]; 45-2-104, Sakuragaokacyou, Hirakata-shi, Osaka 573-0018 (JP). **YUMIBA, Takashi** [JP/JP]; Room 606, Velivi Nishiura, 58, Kowatanishiura, Uji-shi, Osaka 611-0002 (JP). **MORIOKA, Kouichi** [JP/JP]; 4-28-302, Amanogaharamati, Katano-shi, Osaka 576-0034 (JP).

(74) **NAKAJIMA, Shiro**; 6F, Yodogawa 5-Bankan, 2-1, Toyosaki 3-chome, Kita-ku, Osaka-shi, Osaka 531-0072 (JP).

(81) JP US.

(84) EP (DE FR GB).

Published / Publiée : (b)

(51)⁷ **G11B 20/14, 20/18**

(11) **WO 01/73785** (13) A1

(21) PCT/JP01/02456

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-089686 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **DATA REPRODUCING DEVICE**

• DISPOSITIF DE REPRODUCTION DE DONNEES

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **UEDA, Yasushi** [JP/JP]; 1-138, Tenjin, Saijo-shi, Ehime 793-0002 (JP). **AOKI, Toru** [JP/JP]; 2003-51, Shimoshimayama Kou, Saijo-shi, Ehime 793-0006 (JP). **OKAZAKI, Makoto** [JP/JP]; 1-15, Tanegawacho, Niihama-shi, Ehime 792-0845 (JP). **NOGUCHI, Nobuaki** [JP/JP]; 355-1-309, Kanbai Kou, Saijo-shi, Ehime 793-0041 (JP).

(74) **MATSUDA, Masamichi**; Shin-Osaka Ikushima bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) CN ID JP KR SG US.

(51)⁷ **G11B 20/18**

(11) **WO 01/73786** (13) A1

(21) PCT/JP01/02556

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-89186 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **MAGNETIC DISK UNIT, DISK ACCESSING METHOD THEREFOR, DISK ACCESSING PROGRAM RECORDING MEDIUM FOR MAGNETIC DISK UNIT**

• LECTEUR DE DISQUE MAGNETIQUE, PROCEDURE D'ACCES AU DISQUE, SUPPORT D'ENREGISTREMENT D'UN PROGRAMME D'ACCES AU DISQUE DESTINE AU LECTEUR DE DISQUE MAGNETIQUE

(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) **YABE, Satoshi** [JP/JP]; 200-217, Ko, Fukutake, Saijo-shi, Ehime 793-0035 (JP). **MIYABE, Jiro** [JP/JP]; 235-1-106, Kitagawa, Saijo-shi, Ehime 793-0042 (JP). **KAKIUCHI, Tomio** [JP/JP]; 93-1-505, Ko, Kanbai, Saijo-shi, Ehime 793-0041 (JP).
- (74) **HAYASE, Kenichi**; Hayase & Co. Patent Attorneys, 8F, Esaka ANA Bldg., 17-1, Enokicho, Suita-shi, Osaka 564-0053 (JP).
- (81) CN ID KR SG US.
-
- (51)⁷ **G11B 21/10, 5/596**
- (11) **WO 01/73787** (13) A1
- (21) PCT/JP01/02732
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-99038 **31 Mar/mar 2000 JP (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **MAGNETIC DISC DRIVE**
• **LECTEUR DE DISQUE MAGNETIQUE**
- (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) **YAMAMOTO, Masaki** [JP/JP]; 50, Takanokomachi, Matsuyama-shi, Ehime 790-0925 (JP).
- (74) **HAYASE, Kenichi**; Hayase & Co. Patent Attorneys, 8F, Esaka Ana Building, 17-1, Enokicho, Suita-shi, Osaka 564-0053 (JP).
- (81) CN JP US.
-
- (51)⁷ **G11B 25/04, C08J 5/18, C08K 5/47**
- (11) **WO 01/73788** (13) A1
- (21) PCT/JP00/01878
- (22) **27 Mar/mar 2000 (27.03.2000)**
- (25) ja (26) ja
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **HARD DISK COVER**
• **REVEITEMENT DE DISQUE DUR**
- (71) **SHISHIAI-KABUSHIKIGAISHA** [JP/JP]; 12, Shin-Hazama, Seki-shi, Gifu 501-3923 (JP).
- (72) **HORI, Mitsu**; Shishiai-Kabushikigaisha, 12, Shin-Hazama, Seki-shi, Gifu 501-3923 (JP). **AOKI, Tatsuya**; Shishiai-Kabushikigaisha, 12, Shin-Hazama, Seki-shi, Gifu 501-3923 (JP).
- (74) **HIROE, Takenori**; 631-7, Masaki-Kurifune, Gifu-shi, Gifu 502-0857 (JP).
- (81) JP.
-
- (51)⁷ **G11C 27/02**
- (11) **WO 01/73789** (13) A1
- (21) PCT/EP01/02911
- (22) **14 Mar/mar 2001 (14.03.2001)**
- (25) en (26) en
- (30) 00201119.5 **28 Mar/mar 2000 EP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **A TRACK AND HOLD AMPLIFIER**
• **AMPLIFICATEUR ÉCHANTILLONNEUR-BLOQUEUR**
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **HOOGZAAD, Gian**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DIJKMANS, Eise, C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **ROOVERS, Raf, L., J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **SCHOENMAKER, Maarten**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **G12B**
- (11) **WO 01/73790** (13) A2
- (21) PCT/US01/09536
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,249 **25 Mar/mar 2000 US (25.03.2000)**
- (30) 60/213,413 **22 Jun/juin 2000 US (22.06.2000)**
- (30) 60/213,411 **22 Jun/juin 2000 US (22.06.2000)**
- (30) 60/220,124 **21 Jul/juil 2000 US (21.07.2000)**
- (30) 09/651,044 **30 Aug/août 2000 US (30.08.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **WEDGE SYSTEM SHELF ENCLOSURE FOR NETWORK DATA STORAGE SYSTEM**
• **BOITIER TIROIR A SYSTEME DE CALE EN COIN POUR SYSTEME DE STOCKAGE DE DONNEES RESEAU**
- (71) **EUROLOGIC SYSTEMS** [IE/IE]; Maple House, South County Business Park, Leopardstown, 18 Dublin (IE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BELL, Michael, Stephen** [US/US]; 905 L Street, Penrose, CO 81240 (US). **CARLSON, Grant, Edward** [US/US]; 1311 Upper Twin Rock Road, Florissant, CO 80816 (US).
- (74) **OPPEDAHL, Carl** et al. / etc.; Oppedahl & Larson LLP, P.O. Box 5068, Dillon, CO 80435-5068 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G12B 21/08, 21/10, G01B 7/34**
- (11) **WO 01/73791** (13) A1
- (21) PCT/IB01/00529
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) en (26) en
- (30) 00/04158 **31 Mar/mar 2000 FR (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **ATOMIC FORCE MICROSCOPE**
• **MICROSCOPE A FORCE ATOMIQUE**
- (71) **INSTITUT CURIE** [FR/FR]; 26, rue d'Ulm, F-75248 Paris Cedex 05 (FR). **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.)** [FR/FR]; 3, rue Michel Ange, F-75016 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **BUGUIN, Axel** [FR/FR]; 1, rue Gustave Geffroy, F-75013 Paris (FR). **SILBERZAN, Pascal** [FR/FR]; 4, rue Thimonnier, F-75009 Paris (FR).
- (74) **JACOBSON, Claude**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **G21C 19/00**
- (11) **WO 01/73792** (13) A1
- (21) PCT/US00/19574
- (22) **14 Jul/juil 2000 (14.07.2000)**
- (25) en (26) en
- (30) 09/538,333 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • **METHOD OF STRONTIUM-89 RADIOISOTOPE PRODUCTION**
• **PROCEDE DE PRODUCTION D'ISOTOPE RADIOACTIF STRONTIUM-89**
- (71) **TCI INCORPORATED** [US/US]; 1650 University Blvd., N.E., Albuquerque, NM 87102 (US).
- (72) **ABALIN, S. S.**; Kotelnicheskaya Naberezhnaya, 1/15-B, Apt. 55, Moscow, 109240 (RU). **VERESCHAGIN, Y. I.**; ul. Marshala Sokolovskogo, 12, Apt. 9, Moscow, 123060 (RU). **GROGORIEV, G. Y.**; Shukinskaya, 12-1, Apt. 68, Moscow, 123182 (RU). **PAVSHOOK, V. A.**; ul. Udaltsova, 16, Apt. 36, Moscow, 117415 (RU). **PONOMAREV-STEPNOI, N. N.**; ul. Maksimova, 8, Apt. 16, Moscow, 123098 (RU). **KHVOSTIONOV, V. E.**; ul. Biryuzova, 40, Apt. 95, Moscow, 123060 (RU). **CHUVILIN, D. Yu.**; ul. Dubravnaya, 36, Apt. 397, Moscow, 123627 (RU).
- (74) **BECKER, Robert, W.**; Robert W. Becker & Associates, Suite B, 11896 N. Highway 14, Tijeras, NM 87059 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **G21C 19/02, B23K 26/08, 26/12**

(11) **WO 01/73793** (13) A1

(21) PCT/JP01/02802

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-099730 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UNDERWATER MAINTENANCE REPAIR DEVICE AND METHOD

• DISPOSITIF ET PROCEDE DE REPARATION ET D'ENTRETIEN SOUS-MARIN

(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa 210-8572 (JP).

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(72, 75) **OKADA, Satoshi** [JP/JP]; 15-18, Higashiyaguchi 1-chome, Ohta-ku, Tokyo 146-0094 (JP). **IGAKURA, Hiroaki** [JP/JP]; 21-22-304, Nishiterao 1-chome, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0001 (JP). **KIMURA, Motohiko** [JP/JP]; 9-7, Kamino-cho, Sakae-ku, Yokohama-shi, Kanagawa 247-0025 (JP). **OGISU, Tatsuki** [JP/JP]; 52, Uchikoshi, Naka-ku, Yokohama-shi, Kanagawa 231-0867 (JP). **ONO, Yoshiaki** [JP/JP]; 28-8, Kotsubo 1-chome, Zushi-shi, Kanagawa 249-0008 (JP). **YODA, Masaki** [JP/JP]; 1351-1-12-403, Miho-cho, Midori-ku, Yokohama-shi, Kanagawa 226-0015 (JP).

(74) **HATANO, Hisashi** et al. / etc.; Miyata Building, 2nd floor, 17-16, Nishishimbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **G21K 1/02**

(11) **WO 01/73794** (13) A1

(21) PCT/US01/05442

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) en (26) en

(30) 09/536,850 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ANTI-SCATTER GRID, METHOD, AND APPARATUS FOR FORMING SAME

• GRILLE ANTIDIFFUSION, PROCEDE ASSOCIE, ET APPAREIL SERVANT A LE FORMER

(71) **GENERAL ELECTRIC COMPANY** [US/US]; 1 River Road, Schenectady, NY 12345 (US).

(72) **CASTLEBERRY, Donald, Earl**; 2314 Algonquin Road, Schenectady, NY 12309 (US).

(74) **BENINATI, John, F.** et al. / etc.; General Electric Company, 3135 Easton Turnpike W3C, Fairfield, CT 06431 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01B 3/44**

(11) **WO 01/73795** (13) A1

(21) PCT/DK01/00217

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) PA 2000 00532 **30 Mar/mar 2000 DK (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AN INSULATED ELECTRIC DIRECT CURRENT CABLE

• CABLE ELECTRIQUE ISOLE POUR COURANT CONTINU

(71) **NKT RESEARCH CENTER A/S** [DK/DK]; Priorparken 878, DK-2605 Brøndby (DK).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRØBECH, Esben** [DK/DK]; Selmersvej 11, DK-2970 Hørsholm (DK). **HJERRILD, Jesper** [DK/DK]; Hamletsgade 20, DK-2200 Copenhagen N (DK). **JENSEN, Anders** [DK/DK]; Højlandsvej 30, DK-4400 Kalundborg (DK).

(74) **HOFMAN-BANG ZACCO A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01B 7/32**

(11) **WO 01/73796** (13) A1

(21) PCT/EP01/03625

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 00107008.5 **31 Mar/mar 2000 EP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • THREE-PHASE HIGH VOLTAGE CABLE ARRANGEMENT HAVING CROSS-BONDED CABLE SCREENS

AND CROSS-BONDED WATER SENSING WIRES

• AGENCEMENT DE CABLE HAUTE TENSION TRIPHASE, COMPRENANT DES ECRANS A CONNEXIONS PERMUTEES ET DES FILS HYDROSENSIBLES D'EAU, A CONNEXIONS PERMUTEES

(71) **PIRELLI KABEL UND SYSTEME GMBH & CO. KG** [DE/DE]; Gartenfelder Strasse 28, 13599 Berlin (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOEHLICH, Lothar** [DE/DE]; Westphalweg 16 B, 12109 Berlin (DE). **FRICKE, Winfried** [DE/DE]; Goethestrasse 18, 91083 Baiersdorf (DE).

(74) **HOFFMAN.EITL**; Arabellastrasse 4, 81925 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H01B 11/12**

(11) **WO 01/73797** (13) A1

(21) PCT/CH01/00192

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 603/00 **29 Mar/mar 2000 CH (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYMMETRICAL OR PSEUDOSYMMETRICAL AUDIO LOW-LEVEL SIGNAL CABLE

• CABLE A PETITS SIGNAUX AUDIO SYMETRIQUE OU PSEUDOSYMETRIQUE

(71, 72) **KRAMIS, Kaspar** [CH/CH]; Unter Frohmattberg, CH-6353 Weggis (CH). **VOGT, Jürg** [CH/CH]; Schachenstrasse 3, CH-6006 Luzern (CH).

(74) **LUCHS, Willi**; Luchs & Partner, Schulhausstrasse 12, CH-8002 Zürich (CH).

(81) CA 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 **H01B 19/00, 17/00**

(11) **WO 01/73798** (13) A1

(21) PCT/JP01/02416

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-90418 **29 Mar/mar 2000 JP (29.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR MANUFACTURING POLYMER INSULATOR AND ITS END PART MACHINING APPARATUS
• PROCEDE DE FABRICATION D'UN ISOLANT POLYMER ET DISPOSITIF D'USINAGE DE PORTION D'EXTRE-MITE ASSOCIE
- (71) **NGK INSULATORS, LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MARUMASU, Toshiro** [JP/JP]; c/o NGK INSULATORS, LTD., 2-56, Suda-cho, Mizuho-ku, Nagoya-shi, Aichi 467-8530 (JP).
- (74) **SUGIMURA, Kosaku** et al. / etc.; Kazan Building, 2-4, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01F 5/04**
- (11) **WO 01/73799** (13) A1
- (21) PCT/DE00/04343
- (22) **6 Dec/déc 2000 (06.12.2000)**
- (25) de (26) de
- (30) 100 14 738.0 **24 Mar/mar 2000 DE (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ELECTRICAL COIL, IN PARTICULAR FOR SOLENOID VALVES
• BOBINE ELECTRIQUE, EN PARTICULIER POUR VANNES ELECTROMAGNETIQUES
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Post-box 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOLARSKY, Jens** [DE/DE]; Robert-Koch-Strasse 36, 80839 Gerlingen (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01F 41/04, G06K 19/077**
- (11) **WO 01/73800** (13) A1
- (21) PCT/IB01/00532
- (22) **31 Mar/mar 2001 (31.03.2001)**
- (25) de (26) de
- (30) 100 16 037.9 **31 Mar/mar 2000 DE (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR PRODUCING A TAG OR A CHIP CARD, DEVICE FOR IMPLEMENTING SAID METHOD AND TAG OR CHIP CARD PRODUCED ACCORDING TO SAID METHOD
• PROCEDE POUR PRODUIRE UNE ETIQUETTE OU UNE CARTE A PUCE, DISPOSITIF POUR METTRE EN OEUVRE LEDIT PROCEDE, ET ETIQUETTE OU CARTE A PUCE AINSI OBTENUE
- (71) **INTERLOCK AG** [CH/CH]; Rütistrasse 16, CH-8952 Schlieren (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VOGT, Werner** [CH/CH]; Lindenweg 3, CH-5453 Remetschwil (CH).
- (74) **OTTE, Peter**; Patentanwälte Otte & Jakelski, Mollenbachstrasse 37, 71229 Leonberg (DE).
- (81) BR CN IN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01G 9/025**
- (11) **WO 01/73801** (13) A1
- (21) PCT/US00/13579
- (22) **18 May/mai 2000 (18.05.2000)**
- (25) en (26) en
- (30) 09/315,960 **21 May/mai 1999 US (21.05.1999)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SOLID ELECTROLYTIC CAPACITOR
• CONDENSATEUR ELECTROLYTIQUE SOLIDE
- (71) **KEMET ELECTRONICS CORPORATION** [US/US]; P.O. Box 5928, Highway 385 S.E., Greenville, SC 29606 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WHEELER, David, Alexander** [US/US]; 203 River Drive, Williamston, SC 29697 (US). **LESSNER, Philip, Michael** [US/US]; 140 Circle Slope Drive, Simpsonville, SC 29681 (US).
- (74) **WOLFFE, Susan, A.** et al. / etc.; 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 BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01G 9/035**
- (11) **WO 01/73802** (13) A1
- (21) PCT/JP01/02438
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-85607 **27 Mar/mar 2000 JP (27.03.2000)**
- (30) 2000-368633 **4 Dec/déc 2000 JP (04.12.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ELECTROLYTIC SOLUTION FOR ELECTROLYTIC CAPACITOR AND ELECTROLYTIC CAPACITOR USING THE SAME
• SOLUTION ELECTROLYTIQUE POUR CONDENSATEUR ELECTROLYTIQUE ET CONDENSATEUR ELECTROLYTIQUE UTILISANT CETTE SOLUTION
- (71) **NIPPON CHEMI-CON CORPORATION** [JP/JP]; 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP). **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKEDA, Masayuki** [JP/JP]; Tsukuba Research Center, Mitsubishi Chemical Corporation, 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0332 (JP). **TAKAHASHI, Takako** [JP/JP]; Tsukuba Research Center, Mitsubishi Chemical Corporation, 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0332 (JP). **UE, Makoto** [JP/JP]; Tsukuba Research Center, Mitsubishi Chemical Corporation, 3-1, Chuo 8-chome, Ami-machi, Inashiki-gun, Ibaraki 300-0332 (JP). **TSUJI, Tatsunori** [JP/JP]; Nippon Chemi-Con Corporation, 167-1, Higashiome 1-chome, Ome-shi, Tokyo 198-8501 (JP).
- (74) **TSUKUNI, Hajime**; Svax TS Building, 22-12, Toranomon 1-chome, Minato-ku, Tokyo 105-0001 (JP).
- (81) AE AG AL AU BA BB BG BR BZ CA CN CO CR CU CZ DM DZ EE GD GE HR HU ID IL IN IS JP KR LC LK LR LT LV MA MG MK MN MX NO NZ PL RO SG SI SK TT UA US UZ VN YU ZA.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H01H**
- (11) **WO 01/73803** (13) A2
- (21) PCT/DK01/00210
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,881 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • WATERPROOF CONTACT
• CONTACT ETANCHE A L'EAU
- (71) **MICROTRONIC A/S** [DK/DK]; Byleddet 12-14, DK-4000 Roskilde (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JØRGENSEN, Martin, Bondo** [DK/DK]; Lupinhaven 36, DK-2765 Smørum (DK). **MØLLER, Niels, Thor** [DK/DK]; Urupvej 2, DK-4140 Borup (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (DK).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI FR GB GR IE IT LU MC NL PT SE TR; OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01H 13/70**

(11) **WO 01/73804** (13) A1

(21) PCT/GB01/01293

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007354.4 **28 Mar/mar 2000 GB (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • IMPROVED KEYPAD
• CLAVIER AMELIORE

(71, 72) **STOKOE, Gilbert** [GB/GB]; 85 Lancaster Hill, Peterlee, County Durham SR8 2EY (GB).

(74) **VIRR, Dennis, A.**; White Lodge, High Street, Low Pittington, Durham DH6 1BE (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01H 61/02**

(11) **WO 01/73805** (13) A1

(21) PCT/DE01/01040

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) de (26) de

(30) 100 15 598.7 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MICROACTUATOR ARRANGEMENT
• SYSTEME DE MICROACTIONNEURS

(71) **FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstr. 54, 80636 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QUENZER, Hans, Joachim** [DE/DE]; Edendorfer Str. 170, 25524 Itzehoe (DE). **WAGNER, Bernd** [DE/DE]; Hohe Str. 11, 25582 Looft (DE).

(74) **GAGEL, Roland**; Landsberger Str. 480a, 81241 München (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 **H01J 5/16, H05B 41/24**

(11) **WO 01/73806** (13) A1

(21) PCT/US01/09640

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 60/192,731 **27 Mar/mar 2000 US (27.03.2000)**

(30) 60/224,059 **9 Aug/août 2000 US (09.08.2000)**

(30) 60/224,298 **10 Aug/août 2000 US (10.08.2000)**

(30) 60/224,290 **10 Aug/août 2000 US (10.08.2000)**

(30) 60/224,291 **10 Aug/août 2000 US (10.08.2000)**

(30) 60/224,257 **10 Aug/août 2000 US (10.08.2000)**

(30) 60/224,289 **10 Aug/août 2000 US (10.08.2000)**

(30) 60/224,866 **11 Aug/août 2000 US (11.08.2000)**

(30) 60/234,415 **21 Sep/sep 2000 US (21.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • IMPROVED HIGH INTENSITY LIGHT SOURCE
• SOURCE DE LUMIERE AMELIOREE DE HAUTE INTENSITE

(71) **DIGITAL REFLECTIONS, INC.** [US/US]; 644 University Avenue, Los Gatos, CA 95032 (US).

(72) **GUTHRIE, Charles**; 255 Sumba Court, San Jose, CA 95123 (US). **SANDBERG, Edmund**; 17990 Rose Court, Monte Sereno, CA 95030 (US). **WILSON, Donald**; 950 Willow Leaf Drive #201, San Jose, CA 95128 (US). **PRIOR, Gregory**; 2814 Glen Heather Drive, San Jose, CA 95133 (US).

(74) **HOOVER, Eric, N.**; Gray Cary Ware & Freidenrich LLP, 400 Hamilton Avenue, Palo Alto, CA 94301-1825 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **H01J 5/62, H01K 1/46**

(11) **WO 01/73807** (13) A1

(21) PCT/EP01/02919

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 00201114.6 **28 Mar/mar 2000 EP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ELECTRIC LAMP
• LAMPE ELECTRIQUE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **ZAAT, Johannes, A.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BUELENS, Jozef, J., C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **ROLFES, Johannes, G., A.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN IN JP.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H01J 9/02**

(11) **WO 01/73808** (13) A1

(21) PCT/KR00/00271

(22) **28 Mar/mar 2000 (28.03.2000)**

(25) ko (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SHADOW MASK AND METHOD FOR MANUFACTURING THE SAME
• MASQUE PERFORÉ ET PROCÉDÉ DE FABRICATION

(71, 72) **KIM, Jeong, Sik** [KR/KR]; 654-1, Korim-Dong, Yongin-Shi, Kyeongki-Do 608-026 (KR).

(74) **PARK, Hee, Jin** et al. / etc.; 401 Miele Haus Building, 607-10, Yoksam-Dong, Kangnam-Ku, Seoul 135-080 (KR).

(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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01J 9/18, 3/02, 29/48**

(11) **WO 01/73809** (13) A1

(21) PCT/US01/07748

(22) **12 Mar/mar 2001 (12.03.2001)**

(25) en (26) en

- (30) 09/534,374 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● MOUNTING FOR CATHODE IN AN ELECTRON GUN
● MONTAGE POUR CATHODE DANS UN CANON A ELECTRONS
- (71) **EXTREME DEVICES INCORPORATED** [US/US]; Suite 200, 101 West Sixth Street, Austin, TX 78701 (US).
- (72) **KLOBA, Anthony, A.**; 9700 Grand Oak Drive, Austin, TX 78750 (US). **SCHUELLER, Randolph, D.**; 11139 Callanish Park Drive, Austin, TX 78750 (US). **DELGUZZI, David, A.**; 501 Custers Creekbend, Pflugerville, TX 78660 (US). **PATTERSON, Donald, E.**; 3622 Hansford Place, Pearland, TX 77584 (US). **JAMISON, Keith, D.**; 4302 Rimdale Drive, Austin, TX 78731 (US). **KALAR, Kent, R.**; 6208 Readville Court, Austin, TX 78739 (US).
- (74) **COOKE, Claude, E., Jr.**; Baker Botts L.L.P., One Shell Plaza, 910 Louisiana, Houston, TX 77002-4995 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01J 11/00, 11/02, G09G 3/28**
- (11) **WO 01/73810** (13) A1
- (21) PCT/JP01/02491
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-131820 **27 Mar/mar 2000** JP
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● SINGLE SUBSTRATE TYPE DISCHARGE DISPLAY DEVICE, METHOD OF DRIVING THE DISCHARGE DISPLAY DEVICE, AND COLOR SINGLE SUBSTRATE TYPE DISCHARGE DISPLAY DEVICE
● AFFICHEUR A DECHARGE MONO-SUBSTRAT, PROCEDE DE MISE EN OEUVRE, ET AFFICHEUR COULEUR A DECHARGE MONO-SUBSTRAT
- (71) **TECHNOLOGY TRADE AND TRANSFER CORPORATION** [JP/JP]; 19-14, Komachi 2-chome, Kamakura-shi, Kanagawa 248-0006 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AMANO, Yoshifumi** [JP/JP]; 19-14, Komachi 2-chome, Kamakura-shi, Kanagawa 248-0006 (JP).
- (74) **MATSUKUMA, Hidemori**; Shinjuku Building, 8-1, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo 160-0023 (JP).
- (81) CA JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01J 29/70**
- (11) **WO 01/73811** (13) A1
- (21) PCT/EP01/02902
- (22) **14 Mar/mar 2001 (14.03.2001)**
- (25) en (26) en
- (30) 00201118.7 **28 Mar/mar 2000** EP
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● COLOR DISPLAY DEVICE WITH A DEFLECTION-DEPENDENT DISTANCE BETWEEN OUTER BEAMS
● VISUEL COULEUR A DISTANCE ENTRE FAISCEAUX EXTERIEURS DEPENDANTE DE LA DEVIATION
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **SLUYTERMAN, Albertus, A., S.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **BAELE, Ingrid, A., F., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H01J 37/00**
- (11) **WO 01/73812** (13) A2
- (21) PCT/US01/40285
- (22) **13 Mar/mar 2001 (13.03.2001)**
- (25) en (26) en
- (30) 09/536,347 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR PLASMA FORMING INNER MAGNETIC BUCKET TO CONTROL A VOLUME OF A PLASMA
● PROCEDE ET DISPOSITIF DE SEAU MAGNETIQUE INTERIEUR PLASMA DESTINE A REGULER LE VOLUME D'UN PLASMA
- (71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538-6470 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAILEY, Andrew, D., III** [US/US]; 5167 Northway Road, Pleasanton, CA 94566 (US).
- (74) **WEAVER, Jeffrey, K.**; Beyer Weaver & Thomas, LLP, Box 778, Berkeley, CA 94704-0778 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **H01J 37/00**
- (11) **WO 01/73814** (13) A2
- (21) PCT/US01/09199
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,508 **28 Mar/mar 2000** US
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR CONTROLLING POWER DELIVERED TO A MULTIPLE SEGMENT ELECTRODE
● PROCEDE ET APPAREIL DE COMMANDE DE PUISSANCE FOURNIE A UNE ELECTRODE A MULTIPLES SEGMENTS
- (81) SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01J 37/00**
- (11) **WO 01/73813** (13) A2
- (21) PCT/US01/08712
- (22) **16 Mar/mar 2001 (16.03.2001)**
- (25) en (26) en
- (30) 09/536,000 **27 Mar/mar 2000** US
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR VARYING A MAGNETIC FIELD TO CONTROL A VOLUME OF A PLASMA
● PROCEDE ET DISPOSITIF PERMETTANT DE VARIER UN CHAMP MAGNETIQUE POUR CONTROLER UN VOLUME DE PLASMA
- (71) **LAM RESEARCH CORPORATION** [US/US]; 4650 Cushing Parkway, Fremont, CA 94538-6470 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BAILEY, Andrew, D.** [US/US]; 5167 Pleasanton, Pleasanton, CA 94566 (US). **HEMKER, David, J.** [US/US]; 11470 Enchanto Vista Avenue, San Jose, CA 95127 (US).
- (74) **OLYNICK, Mary, R.**; Beyer Weaver & Thomas, LLP, P.O. Box 778, Berkeley, CA 94704-0779 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **H01J 37/00**
- (11) **WO 01/73814** (13) A2
- (21) PCT/US01/09199
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/192,508 **28 Mar/mar 2000** US
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR CONTROLLING POWER DELIVERED TO A MULTIPLE SEGMENT ELECTRODE
● PROCEDE ET APPAREIL DE COMMANDE DE PUISSANCE FOURNIE A UNE ELECTRODE A MULTIPLES SEGMENTS

(71) **TOKYO ELECTRON LIMITED** [JP/JP]; TBS Broadcast Center, 3-6, Akasaka 5-chome, Minato-ku, Tokyo 107 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARSONS, Richard** [US/US]; 14853 S. 46th Street, Phoenix, AZ 85032 (US).

(74) **LAZAR, Dale, S.** et al. / etc.; Pillsbury Winthrop LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01J 37/147**

(11) **WO 01/73815** (13) A1

(21) PCT/US01/09712

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,268 **27 Mar/mar 2000 US (27.03.2000)**

(30) 09/768,409 **24 Jan/jan 2001 US (24.01.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • UNIFORM CHARGED PARTICLE EXPOSURE DEVICE AND METHOD USING TRANSLATABLE STAGE AND FARADAY CUP

• DISPOSITIF D'EXPOSITION UNIFORME DES PARTICULES CHARGÉES ET PROCÉDE UTILISANT UNE ÉTAPE DE TRANSLATION ET LA CHAMBRE D'IONISATION DE FARADAY

(71) **MULTILEVEL METALS, INC.** [US/US]; 24 Cherry Hill Drive, Danvers, MA 01923 (US).

(72) **BERRIAN, Donald, W.**; 17 Pheasant Lane, Topsfield, MA 01983 (US).

(74) **KNOPS, Peter, C.** et al. / etc.; Lathrop & Gage, LC, Suite 2800, 2345 Grand Boulevard, Kansas City, MO 64108 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H01J 49/16, 49/40**

(11) **WO 01/73816** (13) A1

(21) PCT/EP01/00848

(22) **26 Jan/jan 2001 (26.01.2001)**

(25) de (26) de

(30) 100 14 847.6 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR DETECTING COMPOUNDS IN A GAS STREAM

• PROCÉDE ET DISPOSITIF DE DÉTECTION DE COMPOSÉS DANS UN COURANT GAZEUX

(71) **GSF - FORSCHUNGSZENTRUM FÜR UMWELT UND GESUNDHEIT GMBH** [DE/DE]; Ingolstädter Landstrasse 1, 85764 Neuherberg (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZIMMERMANN, Ralf** [DE/DE]; Trappentreustrasse 29, 80339 München (DE). **HEGER, Jörg** [DE/DE]; Ricarda-Huch-Strasse 7, 80807 München (DE). **KETTRUP, Antonius** [DE/DE]; Rumbeker Höhe 10, 59821 Arnsberg (DE). **MÜHLBERGER, Fabian** [DE/DE]; Hohenbachernstrasse 46, 85402 Kranzberg (DE). **HAFNER, Klaus** [DE/DE]; Abt-Dullinger-Weg 8, 83370 Seeon (DE). **BOESL, Ulrich** [DE/DE]; Tal-Josophat-Weg 38, 84036 Landshut (DE).

(74) **HORST, Günther**; Forschungszentrum Karlsruhe GmbH, Stabsabteilung Patente und Lizenzen, Postfach 3640, 76021 Karlsruhe (DE).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H01J 61/54, H05B 41/19**

(11) **WO 01/73817** (13) A1

(21) PCT/DE00/00910

(22) **28 Mar/mar 2000 (28.03.2000)**

(25) de (26) de

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • GAS DISCHARGE LAMP WITH IGNITION ASSISTING ELECTRODES, ESPECIALLY FOR AUTOMOBILE HEADLIGHTS

• LAMPE A DÉCHARGE GAZEUSE COMPRENANT DES ÉLECTRODES AUXILIAIRES D'ALLUMAGE, NOTAMMENT DESTINÉE A DES PHARES D'AUTOMOBILE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GORILLE, Ingo** [DE/DE]; Ahornweg 11, D-71739 Oberriexingen (DE).

(81) AU BR JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01J 61/96**

(11) **WO 01/73818** (13) A1

(21) PCT/KR01/00519

(22) **31 Mar/mar 2001 (31.03.2001)**

(25) ko (26) en

(30) 2000-16914 **31 Mar/mar 2000 KR (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LIGHT EMITTING LAMP
• LAMPE

(71, 72) **HONG, Sam-Pyo** [KR/KR]; 102-206 Kumho1cha Apt., 1705-1 Sillim 9-dong, Gwanak-gu, Seoul 151-789 (KR).

(74) **KIM, Seog-Hyun**; 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 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01L**

(11) **WO 01/73819** (13) A2

(21) PCT/US00/32946

(22) **4 Dec/déc 2000 (04.12.2000)**

(25) en (26) en

(30) 09/536,659 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INFRARED INSPECTION FOR DETERMINING RESIDUAL FILMS ON SEMICONDUCTOR DEVICES

• INSPECTION INFRAROUGE PERMETTANT DE DÉTERMINER LA PRÉSENCE DE FILMS RÉSIDUELS SUR DES DISPOSITIFS A SEMI-CONDUCTEUR

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).

(72) **NISTLER, John, L.**; 107 Bowie Street, Martindale, TX 78655 (US). **RAEDER, Christopher, H.**; 4604 Eagle Feather Drive, Austin, TX 78735 (US).

(74) **DRAKE, Paul, S.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).

(81) JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L**

(11) **WO 01/73820** (13) A2

(21) PCT/US01/05556

(22) **22 Feb/fév 2001 (22.02.2001)**

(25) en (26) en

(30) 09/535,750 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FLOW CONTROL OF PROCESS GAS IN SEMICONDUCTOR MANUFACTURING

- REGULATION DU DEBIT D'UN GAZ UTILISE DANS LA FABRICATION DE SEMI-CONDUCTEURS
- (71) **PARKER-HANNIFIN CORPORATION** [US/US]; 6035 Parkland Boulevard, Cleveland, OH 44124-4141 (US).
- (72) **OLLIVIER, Louis**; 8 Phillips Road, Richmond, CA 94804 (US).
- (74) **SHORE, Ronald, J.**; Antonelli, Terry, Stout & Kraus, LLP, Suite 1800, 1300 N. Seventeenth, Arlington, VA 22209 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **H01L**
- (11) **WO 01/73821** (13) A2
- (21) PCT/US01/07634
- (22) **8 Mar/mar 2001 (08.03.2001)**
- (25) en (26) en
- (30) 09/536,927 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHODS FOR ANNEALING A SUBSTRATE AND ARTICLE PRODUCED BY SUCH METHODS
- PROCEDES DE RECUIIT D'UN SUBSTRAT ET ARTICLES PRODUITS PAR CES PROCEDES
- (71) **ULTRATECH STEPPER, INC.** [US/US]; 3050 Zanker Road, San Jose, CA 95134 (US).
- (72) **HAWRYLUK, Andrew, M.**; 10645 Eloise Circle, Los Altos Hills, CA 94024-6505 (US). **MARKLE, David, A.**; 20690 Ritanna Court, Saratoga, CA 95070 (US). **TALWAR, Somit**; 3449 Wallace Drive, Bonita, CA 91902 (US).
- (74) **JONES, Allston, L.**; Peters, Verny, Jones & Biksa, LLP, Suite 6, 385 Sherman Avenue, Palo Alto, CA 94306 (US).
- (81) JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L**
- (11) **WO 01/73822** (13) A2
- (21) PCT/US01/09819
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 09/536,263 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PROCESS KIT PARTS AND METHOD FOR USING SAME
- PIECES DE KIT DE TRAITEMENT ET METHODE D'UTILISATION
- (71) **APPLIED MATERIALS, INC.** [US/US]; P.O. Box 450A, Santa Clara, CA 95052 (US).
- (72) **CROCKER, Steven, C.**; 811 Kingfisher, Sunnyvale, CA 94087 (US).
- (74) **BERNADICOU, Michael, A.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).
- (81) CN JP KR SG.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/00**
- (11) **WO 01/73823** (13) A2
- (21) PCT/DE01/01164
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) de (26) de
- (30) 100 15 423.9 **28 Mar/mar 2000 DE (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MODULAR, AUTOMATED PROCESS SYSTEM
- SYSTEME DE PROCESSUS MODULAIRE AUTOMATISE
- (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HASSEL, Jörg** [DE/DE]; Birkenweg 25, 91058 Erlangen (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/00**
- (11) **WO 01/73824** (13) A1
- (21) PCT/EP01/02504
- (22) **6 Mar/mar 2001 (06.03.2001)**
- (25) en (26) en
- (30) 00106747.9 **28 Mar/mar 2000 EP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SEMICONDUCTOR WAFER POD
- NACELLE POUR PLAQUETTE DE SEMI-CONDUCTEUR
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE). **SEMICONDUCTOR300 GMBH & CO. KG** [DE/DE]; Königsbrücker Str. 150, 01076 Dresden (DE). **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) **DOUGAN, James** [GB/DE]; Gustav-Freytag 17, 01277 Dresden (DE). **TEGEDER, Volker** [DE/DE]; Heinrich-Lange-Str. 19 D, 01474 Weissig (DE).
- (74) **EPPING HERMANN & FISCHER GBR**; Postfach 12 10 26, 80034 München (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/027, G03F 7/20, H01L 21/68, B65G 49/00**
- (11) **WO 01/73825** (13) A1
- (21) PCT/JP01/02634
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) ja (26) ja
- (30) 2000-92307 **29 Mar/mar 2000 JP (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ALIGNER, APPARATUS AND METHOD FOR TRANSFERRING WAFER, MICRODEVICE AND METHOD FOR MANUFACTURING THE SAME
- DISPOSITIF D'ALIGNEMENT, APPAREIL ET PROCEDE SERVANT A TRANSFERER UNE TRANCHE, PUCE ET SON PROCEDE DE FABRICATION
- (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) **AOKI, Takashi** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **SHIRAISHI, Naomasa** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP). **OWA, Soichi** [JP/JP]; Nikon Corporation, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-8331 (JP).
- (74) **SHIGA, Masatake** et al. / etc.; OR Building, 23-3, Takadanobaba 3-chome, Shinjuku-ku, Tokyo 169-8925 (JP).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01L 21/20, 21/205**
- (11) **WO 01/73826** (13) A1
- (21) PCT/EP01/02471
- (22) **5 Mar/mar 2001 (05.03.2001)**
- (25) de (26) de
- (30) 00106460.9 **24 Mar/mar 2000 EP (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR PRODUCING A HIGH-FREQUENCY SEMICONDUCTOR STRUCTURE AND A HIGH-FREQUENCY SEMICONDUCTOR STRUCTURE
- PROCEDE DE FABRICATION D'UNE STRUCTURE DE SEMI-CONDUCTEUR HAUTE FREQUENCE ET STRUCTURE Y RELATIVE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOSEHAND, Reinhard** [DE/DE]; Hofenfelsstrasse 13, 80637 München (DE). **WERTHMANN, Hubert** [DE/DE]; Paganistrasse 33, 81247 München (DE).

(74) **EPPING HERMANN & FISCHER**; Postfach 12 10 26, 80034 München (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 **H01L 21/20**

(11) **WO 01/73827** (13) A1

(21) PCT/JP01/02523

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-086117 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEMICONDUCTOR WAFER AND PRODUCTION METHOD THEREFOR

• TRANCHE A SEMI-CONDUCTEURS ET PROCEDE DE PRODUCTION CORRESPONDANT

(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) **KANZAWA, Yoshihiko** [JP/JP]; 25-3, Mido-cho, Kadoma-shi, Osaka 571-0074 (JP). **NOZAWA, Katsuya** [JP/JP]; 5-4-25-1101, Omiya, Asahi-ku, Osaka-shi, Osaka 535-0002 (JP). **SAITOH, Tohru** [JP/JP]; 2-18-14, Torikai-shinmachi, Settsu-shi, Osaka 566-0065 (JP). **KUBO, Minoru** [JP/JP]; 125, Ichiban-cho, Kikyo-gaoka-nishi, Nabari-shi, Mie 518-0641 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 21/22, 21/38**

(11) **WO 01/73828** (13) A1

(21) PCT/US01/09200

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/538,558 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF DOPING SILICON WITH PHOSPHORUS AND GROWING OXIDE ON SILICON IN THE PRESENCE OF STEAM

• PROCEDE DE DOPAGE DE SILICIUM AVEC DU PHOSPHORE ET DE DEVELOPPEMENT D'OXYDE SUR DU SILICIUM EN PRESENCE DE VAPEUR

(71) **TECHNEGLAS, INC.** [US/US]; 25875 SR 25, 52-LDP, Perrysburg, OH 43551 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAPP, James, E.** [US/US]; 4253 Pickle Road, Oregon, OH 43618 (US). **ROGENSKI, Russell, B.** [US/US]; 1005 Country View Lane, 2G, Toledo, OH 43615 (US).

(74) **JACQUES, Laurie, N.**; Porter, Wright, Morris & Arthur LLP, 41 S. High Street, Columbus, OH 43215 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/28**

(11) **WO 01/73829** (13) A1

(21) PCT/JP01/01178

(22) **19 Feb/fév 2001 (19.02.2001)**

(25) ja (26) ja

(30) 2000-85932 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • III NITRIDE COMPOUND SEMICONDUCTOR ELEMENT AND ELECTRODE FORMING METHOD

• ELEMENT SEMICONDUCTEUR DE NITRURE III ET PROCEDE DE FORMATION D'ELECTRODE

(71) **TOYODA GOSEI CO., LTD.** [JP/JP]; 1, Aza-Nagahata, Ooaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi 452-8564 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIBATA, Naoki** [JP/JP]; c/o Toyoda Gosei Co., Ltd., 1, Aza-Nagahata, Ooaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi 452-8564 (JP). **UEMURA, Toshiya** [JP/JP]; c/o Toyoda Gosei Co., Ltd., 1, Aza-Nagahata, Ooaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi 452-8564 (JP). **ASAI, Makoto** [JP/JP]; c/o Toyoda Gosei Co., Ltd., 1, Aza-Nagahata, Ooaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aichi 452-8564 (JP). **KOIDE, Yasuo** [JP/JP]; Fujimori Godo Shukusha 141, Kanyuchi, Ikenouchi-cho, Fukakusa, Fushimi-ku, Kyoto-shi, Kyoto 612-0031 (JP). **MURAKAMI, Masanori** [JP/JP]; 22-32, Nagaodani, Takigi, Kyotanabe-shi, Kyoto 610-0341 (JP).

(74) **FUJITANI, Osamu**; Tsuchiya Bldg. 3F, 23, Ichiyonagi Dohri 1-chome, Nakagawa-ku, Nagoya-shi, Aichi 454-0905 (JP).

(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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/288**

(11) **WO 01/73830** (13) A2

(21) PCT/EP01/03683

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) de (26) de

(30) 100 15 931.1 **30 Mar/mar 2000 DE (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ELECTROCHEMICAL NANOSTRUCTURING METHOD AND DEVICE

• PROCEDE ET DISPOSITIF DE NANOSTRUCTURATION ELECTROCHIMIQUE

(71) **UNIVERSITÄT KARLSRUHE** [DE/DE]; Kaiserstrasse 12, 76128 Karlsruhe (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHIMMEL, Thomas** [DE/DE]; Engesserstrasse 3, 76131 Karlsruhe (DE).

OBERMAIR, Christian [DE/DE]; Hauptstrasse 78, 76889 Kapsweyer (DE).

MÜLLER, Matthias [DE/DE]; Thujaweg 3, 76149 Karlsruhe (DE). **KLINKE, Christian** [DE/CH]; Avenue Louis-Ruchonnet 29, CH-1003 Lausanne (CH).

(74) **HOCK, Joachim**; Müller-Boré & Partner, Grafinger Strasse 2, 81671 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01L 21/304, 27/12, B24B 9/00**

(11) **WO 01/73831** (13) A1

(21) PCT/JP01/02448

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-91882 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PRODUCTION METHOD FOR SILICON WAFER AND SOI WAFER, AND SOI WAFER

• PROCEDE D'OBTENTION DE TRANCHES DE SILICIUM OU DE SOI ET TRANCHES AINSI OBTENUES

(71) **SHIN-ETSU HANDOTAI CO., LTD.** [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Takao** [JP/JP]; c/o Shin-Etsu Handotai Co., Ltd. Isobe R & D Center,

- 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP). **TAKEI, Tokio** [JP/JP]; c/o Nagano Denshi Co., Ltd., 1393, Oaza Yashiro, Kosyoku-shi, Nagano 387-0007 (JP). **OKABE, Keiichi** [JP/JP]; c/o Nagano Denshi Co., Ltd., 1393, Oaza Yashiro, Kosyoku-shi, Nagano 387-0007 (JP). **MIYAJIMA, Hajime** [JP/JP]; c/o Nagano Denshi Co., Ltd., 1393, Oaza Yashiro, Kosyoku-shi, Nagano 387-0007 (JP).
- (74) **HAYAKAWA, Masana** et al. / etc.; Hayakawa Bldg., 14-7, Hakusan 5-chome, Bunkyo-ku, Tokyo 112-0001 (JP).
- (81) KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/304**
(11) **WO 01/73832** (13) A1
(21) PCT/JP01/02548
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) ja (26) ja
(30) 2000-90884 **29 Mar/mar 2000 JP (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHOD OF SURFACE TREATMENT OF SEMICONDUCTOR
● PROCEDE DE TRAITEMENT DE SURFACE POUR SEMICONDUCTEUR
- (71) **F.T.L. CO., LTD.** [JP/JP]; Room 302, Noborito Highdens, 2578, Noborito, Tama-ku, Kawasaki-shi, Kanagawa 214-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAKAGI, Mikio** [JP/JP]; F.T.L. Co., Ltd., Room 302, Noborito Highdens, 2578, Noborito, Tama-ku, Kawasaki-shi, Kanagawa 214-0014 (JP).
- (74) **MURAI, Takuo**; Hamada Building, 3rd floor, 26-11, Hongo 2-chome, Bunkyo-ku, Tokyo 113-0033 (JP).
- (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 KE KG KR KZ LC LK LR LS LT LV MA MD MG MK MN MW MX MZ NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/306**
(11) **WO 01/73833** (13) A1
(21) PCT/KR01/00363
(22) **8 Mar/mar 2001 (08.03.2001)**
(25) ko (26) en
(30) 2000/11620 **8 Mar/mar 2000 KR (08.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● WET ETCHING APPARATUS FOR SEMICONDUCTOR CIRCUIT AND METHOD FOR MANUFACTURING ETCHING NEEDLE USED IN APPARATUS
● APPAREIL DE GRAVURE HUMIDE POUR CIRCUIT A SEMICONDUCTEUR ET PROCEDE DE FABRICATION DE L'AIGUILLE DE GRAVURE UTILISEE DANS CET APPAREIL
- (71) **SAMBON TLG CO., LTD.** [KR/KR]; 3th Floor, Doosanbears Tower, 138-41 Yongdoo-dong, Dongdaemun-ku, Seoul 130-070 (KR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JANG, Young, Il** [KR/KR]; 311-511, Jookong Apt., Kaepo-dong, Kangnam-ku, Seoul 135-240 (KR). **EOM, Willy** [KR/KR]; 122, 1-GA, Dongsun-dong, Seongbook-ku, Seoul 136-051 (KR).
- (74) **PARK, Kyeong, Hun** et al. / etc.; Seoultech Int'l Patent & Law Firm, 2 Floor, Kumma Building, 827-24, 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 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01L 21/306, 21/311, G03F 7/42**
(11) **WO 01/73834** (13) A1
(21) PCT/US01/09119
(22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 09/534,657 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHOD FOR ETCHING SIDEWALL POLYMER AND OTHER RESIDUES FROM THE SURFACE OF SEMICONDUCTOR DEVICES
● PROCEDE D'ATTAQUE DE POLYMERES DE PAROIS LATERALES ET D'AUTRES RESIDUS PRESENTS A LA SURFACE DE DISPOSITIFS SEMICONDUCTEURS
- (71) **MATRIX INTEGRATED SYSTEMS, INC.** [US/US]; 4050 Lakeside Drive, Richmond, CA 94806 (US).
- (72) **COX, Gerald, M.**; 4050 Lakeside Drive, Richmond, CA 94806 (US). **DONOGHUE, Kevon, J.**; 4050 Lakeside Drive, Richmond, CA 94806 (US). **VAN BAEREL, Kristel**; 4050 Lakeside Drive, Richmond, CA 94806 (US). **LEE, Chan-Yun**; 4050 Lakeside Drive, Richmond, CA 94806 (US).
- (74) **SMITH, Gregory, Scott** et al. / etc.; Law Office of Gregory Scott Smith, 3900 Newpark Mall Road, Suite 317, Newark, CA 94560 (US).
- (81) JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/311, 21/768, 21/762, 21/66, C23C 16/44, 16/40**
(11) **WO 01/73835** (13) A1
(21) PCT/EP01/02872
(22) **14 Mar/mar 2001 (14.03.2001)**
- (25) en (26) en
(30) 00106566.3 **27 Mar/mar 2000 EP (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHOD AND ARRANGEMENT FOR DEPOSITING A DIELECTRIC LAYER
● PROCEDE PERMETTANT DE DEPOSER UNE COUCHE DIELECTRIQUE ET DISPOSITIF CORRESPONDANT
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE). **SEMICONDUCTOR300 GMBH & CO. KG** [DE/DE]; Königsbrücker Strasse 150, 01076 Dresden (DE). **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) **JOHN, Peggy** [DE/DE]; Rossmassler Strasse 10, 01139 Dresden (DE). **MAUTZ, Karl** [US/US]; 7700 Parmer Lane W, Austin, TX 78729 (US). **SHAHVANDI, Iraj** [US/DE]; Pflanzlerstrasse 70, 01326 Dresden (DE). **VATEL, Oliver** [FR/US]; 2201 Shark Loop, Round Rock, TX 78664 (US).
- (74) **EPPING HERMANN & FISCHER GBR**; Postfach 12 10 26, 80034 München (DE).
- (81) JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01L 21/312, 21/768**
(11) **WO 01/73836** (13) A1
(21) PCT/US01/08065
(22) **13 Mar/mar 2001 (13.03.2001)**
(25) en (26) en
(30) 09/537,160 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● METHOD FOR MODIFYING THE SURFACE OF A FLUOROCARBON
● PROCÉDÉ PERMETTANT DE MODIFIER LA SURFACE D'UN FLUOROCARBURE
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WONG, Lawrence, D.** [—/US]; 265 NW Silverado Drive, Beaverton, OR 97006 (US).
- (74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 500, 4350 La Jolla Village Drive, San Diego, CA 92122 (US) et al. / etc.
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA

(BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H01L 21/316, C23C 16/40**

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(21) PCT/EP01/02503

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) en (26) en

(30) 00106567.1 **27 Mar/mar 2000 EP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR DEPOSITING A DOPED SILICON OXIDE

• PROCEDE DE DEPOT D'UN OXYDE DE SILICIUM DOPE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE). **SEMICONDUCTOR300 GMBH & CO. KG** [DE/DE]; Königsbrücker Strasse 150, 01076 Dresden (DE). **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) **GERMANN, Kai-Uwe** [DE/DE]; Fidelio-F.-Finke-Strasse 25, 01326 Dresden (DE). **JOHN, Peggy** [DE/DE]; Goethestrasse 22, 01109 Dresden (DE). **SHAHVANDI, Iraj** [US/DE]; Pilnetzerlandstrasse 70, 01326 Dresden (DE). **VATEL, Oliver** [FR/DE]; Reineckstrasse 10, 01309 Dresden (DE).

(74) **EPHING HERMANN & FISCHER GBR**; Postfach 12 10 26, 80034 München (DE).

(81) JP KR US.

(51)⁷ **H01L 21/324, 21/304**

(11) **WO 01/73838** (13) A1

(21) PCT/JP01/02398

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-92155 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PRODUCTION METHOD FOR ANNEALED WAFER

• PROCEDE DE PRODUCTION POUR UNE PLAQUETTE RECUITE

(71) **SHIN-ETSU HANDOTAI CO., LTD.** [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKIYAMA, Shoji** [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe R & D Center, 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP). **KOBAYASHI, Norihiro** [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe R & D Center, 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP). **TAMAT-SUKA, Masaro** [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe R & D Center, 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP). **NAGOYA, Takatoshi** [JP/JP]; c/o SHIN-ETSU HANDOTAI CO., LTD., Isobe R & D Center, 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP).

(74) **ISHIHARA, Shoji**; No.302, Wakai Bldg., 7-8, Higashi-Ikebukuro 3-chome, Toshima-ku, Tokyo 170-0013 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 21/336**

(11) **WO 01/73839** (13) A1

(21) PCT/DE01/01080

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) de (26) de

(30) 00106458.3 **24 Mar/mar 2000 EP (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR PRODUCING ELECTRIC CONNECTIONS BETWEEN INDIVIDUAL CIRCUIT ELEMENTS

• PROCEDE POUR REALISER DES CONNEXIONS ELECTRIQUES ENTRE DES ELEMENTS INDIVIDUELS DE CIRCUIT

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LACHNER, Rudolf** [DE/DE]; Wallensteinstrasse 68, 85051 Ingolstadt (DE). **CAPPELLANI, Annalisa** [IT/DE]; Bauntznerstr. 12, 01099 Dresden (DE).

(74) **LAMBSDORFF, Matthias**; Dingolfinger Strasse 6, D-81673 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 21/68**

(11) **WO 01/73840** (13) A1

(21) PCT/JP01/02450

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-91444 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SUBSTRATE TRANSFER DEVICE

• DISPOSITIF DE TRANSFERT DE SUBSTRATS

(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) **WADA, Sadayuki** [JP/JP]; c/o Rinkai Factory of Sakai Plant of DAIKIN INDUSTRIES, LTD., 12, Chikkou-shinmachi 3-cho, Sakai-shi, Osaka 592-8331 (JP).

(74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori-machi Bldg., 1-29, Minamimori-machi 2-chome, Kita-ku, Osaka-shi, Osaka 530-0054 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 21/768**

(11) **WO 01/73841** (13) A2

(21) PCT/EP01/02797

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/525.095 **14 Mar/mar 2000 US (14.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF PREVENTING BRIDGING BETWEEN POLYCRYSTALLINE MICRO-SCALE FEATURES

• PROCEDE SERVANT A EVITER LA FORMATION D'UN ARC ELECTRIQUE ENTRE DES MICROSTRUCTURES POLYCRISTALLINES

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; New Orchard Road, Armonk, NY 10504 (US).

(71) **IBM DEUTSCHLAND GMBH** [DE/DE]; Pascalstrasse 100, 70569 Stuttgart (DE).

(only for / seulement pour AT)

(72) **CLAVENGER, Lawrence, A.**; 377 Andrews Road, Lagrangeville, NY (US).

NAEEM, Munir, D.; 4 Ruby Circle, Crystal Glen, Poughkeepsie, NY (US).

(74) **TEUFEL, Fritz**; IBM Deutschland GmbH, Intellectual Property, Pascalstrasse 100, 70569 Stuttgart (DE).

(81) AE AG AL AM AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H01L 23/552**

(11) **WO 01/73842** (13) A1

(21) PCT/EP01/02706

(22) **10 Mar/mar 2001 (10.03.2001)**

(25) de (26) de

(30) 100 16 380.7 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HOUSING FOR AN ELECTRONIC COMPONENT

• BOITIER POUR UN COMPOSANT ELECTRIQUE

(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) **WENNEMUTH, Ingo** [DE/DE]; Neufferstr. 3, 93055 Regensburg (DE). **WOERZ, Andreas** [DE/DE]; Amselstr. 14, 93309 Kelheim (DE).

(74) **BECK, Josef** et al. / etc.; Wilhelm & Beck, Nymphenburger Strasse 139, 80636 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H01L 25/04**

(11) **WO 01/73843** (13) A1

(21) PCT/JP01/02463

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-92040 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEMICONDUCTOR DEVICE

• DISPOSITIF SEMI-CONDUCTEUR

(71) **ROHM CO., LTD.** [JP/JP]; 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIBATA, Kazutaka** [JP/JP]; ROHM CO., LTD., 21, Saiin Mizosaki-cho, Ukyo-ku, Kyoto-shi, Kyoto 615-8585 (JP).

(74) **KAMEI, Hirokatsu**; c/o AI Association of Patent and Trademark Attorneys, 12F, Jyutakukinyukoko-Sumitomoseimei Bldg., 5-20, Minamihommachi 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 25/075, 33/00**

(11) **WO 01/73844** (13) A1

(21) PCT/EP01/01948

(22) **21 Feb/fév 2001 (21.02.2001)**

(25) de (26) de

(30) 100 14 804.2 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LIGHTING MODULE UNIT

• MODULE D'ECLAIRAGE

(71) **GEBR. SWOBODA GMBH** [DE/DE]; Schwellweg 1, 87487 Wiggensbach (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HACKL, Johannes** [DE/DE]; Mariabergstr. 18, 87487 Ermengerst (DE). **WALDNER, Michael** [DE/DE]; Depsried 8, 87452 Krugzell (DE). **SCHARFENBERGER, Thomas** [DE/DE]; Burgweg 2, 87487 Wiggensbach (DE).

(74) **VONNEMANN, Gerhard** et al. / etc.; Edisonstrasse 2, 87437 Kempten (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 27/00, 51/20, 23/525**

(11) **WO 01/73845** (13) A1

(21) PCT/EP01/02913

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 00201113.8 **28 Mar/mar 2000 EP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTEGRATED CIRCUIT WITH PROGRAMMABLE MEMORY ELEMENT

• CIRCUIT INTEGRE A ELEMENT DE MEMOIRE PROGRAMMABLE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **DE LEEUW, Dagobert, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HART, Cornelis, M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GELINCK, Gerwin, H.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DUIJVESTIJN, Adrianus, J.**; Internationaal Octrooibureau B.v., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H01L 27/10**

(11) **WO 01/73846** (13) A1

(21) PCT/JP00/01953

(22) **29 Mar/mar 2000 (29.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEMICONDUCTOR DEVICE

• DISPOSITIF A SEMI-CONDUCTEURS

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAKATA, Takeshi** [JP/JP]; c/o Hitachi, Ltd., Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **HANZAWA, Satoru** [JP/JP]; c/o Hitachi, Ltd., Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **MATSUOKA, Hideyuki** [JP/JP]; c/o Hitachi, Ltd., Central Research Laboratory, 280, Higashi-koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).

(74) **OGAWA, Katsuo**; Nitto International Patent Office, Yusenkayabacho Building, 9-8, Nihonbashi-kayabacho 2-chome, Chuo-ku, Tokyo 103-0025 (JP).

(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H01L 27/11, 21/8244**

(11) **WO 01/73847** (13) A1

(21) PCT/EP01/03537

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 16 444.7 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTEGRATED SRAM MEMORY CELL

• CELLULE DE MEMOIRE VIVE STATIQUE INTEGREE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEER, Peter** [DE/DE]; Falckenbergstr. 9, 80539 München (DE).

(74) **BARTH, Stephan**; Reinhard, Skuhra, Weise & Partner GbR, Friedrichstr. 31, 80801 München (DE).

(81) JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 27/12**

(11) **WO 01/73848** (13) A1

(21) PCT/JP01/02235

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) ja (26) ja

(30) 2000/86255 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PRODUCTION METHOD FOR BONDING WAFER AND BONDING WAFER PRODUCED BY THIS METHOD

• PROCEDE DE PRODUCTION DE PLAQUETTES DE LIAISON ET PLAQUETTES DE LIAISON AINSI PRODUITES

(71) **SHIN-ETSU HANDOTAI CO., LTD.** [JP/JP]; 4-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABE, Takao** [JP/JP]; c/o Isobe R & D Center, Shin-Etsu Handotai Co., Lt, d., 3-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP). **OHNUKI, Soumei** [JP/JP]; 18-27, ainosatoyojyo 6-chome, Kita-ku, Sapporo-shi, Hokkaido 002-8074 (JP). **SUZUKI, Shyuichi** [JP/JP]; 2-5, heiwaiichijyo 2-chome, Nishi-ku, Sapporo-shi, Hokkaido 063-0021 (JP). **YOKOKAWA, Isao** [JP/JP]; c/o Isobe R & D Center Shin-Etsu Handotai Co., Ltd, 13-1, Isobe 2-chome, Annaka-shi, Gunma 379-0196 (JP).

(74) **YOSHIMIYA, Mikio**; Uenosansei Bldg. 4F, 6-4, Motoasakusa 2-chome, Taito-ku, Tokyo 111-0041 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 27/148, H04N 5/335**

(11) **WO 01/73849** (13) A1

(21) PCT/JP01/02531

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-132983 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FAST IMAGING DEVICE AND FAST PHOTOGRAPHING DEVICE

• DISPOSITIF D'IMAGERIE RAPIDE ET DISPOSITIF DE PHOTOGRAPHIE RAPIDE

(71) **SHIMADZU CORPORATION** [JP/JP]; 1, Nishinokyo-Kuwabaracho, Nakagyo-ku, Kyoto-shi, Kyoto 604-8511 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MUTOH, Hideki** [JP/JP]; 291-4, Kuno, Odawara-shi, Kanagawa 250-0055 (JP). **ETOH, Takeharu** [JP/JP]; 21-2, Aomatanihigashi 7-chome, Mino-shi, Osaka 562-0022 (JP).

(74) **AOYAMA, Tamotsu** et al. / etc.; AOYAMA & PARTNERS, IMP Building, 3-7, Shiromi 1-chome, Chuo-ku, Osaka-shi, Osaka 540-0001 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 29/00**

(11) **WO 01/73850** (13) A2

(21) PCT/US01/09170

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/191,412 **20 Mar/mar 2000** US
(20.03.2000)

(30) 60/191,441 **21 Mar/mar 2000** US
(21.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A SEMITRANSSPARENT OPTICAL DETECTOR INCLUDING A SILICON AND GERMANIUM ALLOY AND METHOD OF MAKING

• DETECTEUR OPTIQUE SEMI-TRANSPARENT COMPRENANT DU SILICIUM ET DU GERMANIUM ET PROCEDE DE FABRICATION CORRESPONDANT

(71) **AEGIS SEMICONDUCTOR** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAGNER, Sigurd** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US). **PAYNE, Adam, M.** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).

(74) **ENGELSON, Gary, S.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01L 29/06, 49/00**

(11) **WO 01/73851** (13) A1

(21) PCT/JP01/02625

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 2000-91217 **29 Mar/mar 2000** JP
(29.03.2000)

(30) 2000-158231 **29 May/mai 2000** JP
(29.05.2000)

(30) 2000-238772 **7 Aug/août 2000** JP
(07.08.2000)

(30) 2000-370690 **5 Dec/déc 2000** JP
(05.12.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTIPLE COMPOSITE ONE-DIMENSIONAL STRUCTURAL BODY AND FUNCTIONAL MATERIAL

• CORPS STRUCTUREL UNIDIMENSIONNEL COMPOSITE MULTIPLE ET MATERIAU FONCTIONNEL

(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) **UGAJIN, Ryuichi** [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HIRATA, Shintaro** [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **UKITA, Masakazu** [JP/JP]; C/O SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **SUGIURA, Masatomo**; 7th Floor, Ikebukuro Park Bldg., 49-7, Minami Ikebukuro 2-chome, Toshima-ku, Tokyo 171-0022 (JP).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01L 29/161, 21/205, 21/26, 21/324**

(11) **WO 01/73852** (13) A1

(21) PCT/JP01/02524

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-086154 **27 Mar/mar 2000** JP
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SIGEC SEMICONDUCTOR CRYSTAL AND PRODUCTION METHOD THEREOF

• CRISTAL SEMI-CONDUCTEUR SIGEC 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) **SAITOH, Tohru** [JP/JP]; 2-18-14, Torikai-shinmachi, Settsu-shi, Osaka 566-0065 (JP). **KANZAWA, Yoshihiko** [JP/JP]; 25-3, Mido-cho, Kadoma-shi, Osaka 571-0074 (JP). **NOZAWA, Katsuya** [JP/JP]; 5-4-25-1101, Omiya, Asahi-ku, Osaka-shi, Osaka 535-0002 (JP). **KUBO, Minoru** [JP/JP]; 125, Ichiban-cho, Kikyogaoka-nishi, Nabari-shi, Mie 518-0641 (JP).

(74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 29/737, 29/417, 21/331**

(11) **WO 01/73853** (13) A1

(21) PCT/EP01/02512

(22) **6 Mar/mar 2001 (06.03.2001)**

(25) de (26) de

(30) 00106474.0 **24 Mar/mar 2000** EP
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • HETERO BIPOLAR TRANSISTOR WITH A T-SHAPED EMITTER CONTACT AND METHOD FOR THE PRODUCTION THEREOF

• TRANSISTOR BIPOLAIRE A HETEROJONCTION, COMPORTANT UN CONTACT DE RACCORDEMENT D'EMETTEUR EN FORME DE T, ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Str. 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAUS, Stefan** [DE/DE]; Föhrenweg 16 a, 82065 Baierbrunn (DE).

(74) **GINZEL, Christian** et al. / etc.; Zimmermann & Partner, Postfach 330 920, D-80069 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H01L 29/94**

(11) **WO 01/73854** (13) A2

(21) PCT/US01/08956

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 09/537,806 **25 Mar/mar 2000** US
(25.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • VARIABLE CAPACITOR WITH PROGRAMMABILITY

• CAPACITE VARIABLE PROGRAMMABLE

(71) **PEREGRINE SEMICONDUCTOR CORPORATION** [US/US]; 6175 Nancy Ridge Drive, San Diego, CA 92121 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REEDY, Ronald, E.** [US/US]; 440 San Antonio Avenue #12, San Diego, CA 92106 (US). **CABLE, James, S.** [US/US]; 5342 Ruelle De Mer, San Diego, CA 92130 (US).

(74) **EPPERSON, Dennis, H.**; P.O. Box 62139, Santa Barbara, CA 93160-2139 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

- MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H01L 31/00**
- (11) **WO 01/73855** (13) A2
- (21) PCT/US01/09012
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 60/192,443 **27 Mar/mar 2000** US
(**27.03.2000**)
- (30) 60/192,953 **29 Mar/mar 2000** US
(**29.03.2000**)
- (30) 60/202,684 **8 May/mai 2000** US
(**08.05.2000**)
- (30) 60/202,688 **8 May/mai 2000** US
(**08.05.2000**)
- (30) 60/202,691 **8 May/mai 2000** US
(**08.05.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A SEMITRANSSPARENT OPTICAL DETECTOR INCLUDING EDGE PASSIVATION
- DETECTEUR OPTIQUE SEMI-TRANSPARENT A COUCHE DE PASSIVATION LATÉRALE
- (71) **AEGIS SEMICONDUCTOR** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAYNE, Adam, M.** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US). **MA, Eugene, Y.** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).
- (74) **ENGELSON, Gary, S.;** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01L 31/105, 31/18, 31/16**
- (11) **WO 01/73857** (13) A2
- (21) PCT/US01/09176
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 60/192,441 **27 Mar/mar 2000** US
(**27.03.2000**)
- (30) 60/192,440 **27 Mar/mar 2000** US
(**27.03.2000**)
- (30) 60/192,442 **27 Mar/mar 2000** US
(**27.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A SEMITRANSSPARENT OPTICAL DETECTOR INCLUDING A POLYCRYSTALLINE LAYER AND METHOD OF MAKING
- DETECTEUR OPTIQUE SEMI-TRANSPARENT A COUCHE POLYCRISTALLINE ET PROCEDE DE FABRICATION
- (71) **AEGIS SEMICONDUCTOR** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PAYNE, Adam, M.** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US). **WAGNER, Matthias** [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).
- (74) **ENGELSON, Gary, S.;** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **H01L 33/00**
- (11) **WO 01/73858** (13) A1
- (21) PCT/JP01/02758
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-96865 **31 Mar/mar 2000** JP
(**31.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • GROUP-III NITRIDE COMPOUND SEMICONDUCTOR DEVICE
- DISPOSITIF A SEMI-CONDUCTEUR DE NITRURE DU GROUPE III
- (71) **TOYODA GOSEI CO., LTD.** [JP/JP]; 1, Aza Nagahata, Oaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aich 452-0961 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **UEMURA, Toshiya** [JP/JP]; Toyoda Gosei Co., Ltd., 1, Aza Nagahata, Oaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aich 452-0961 (JP). **HIRANO, Atsuo** [JP/JP]; Toyoda Gosei Co., Ltd., 1, Aza Nagahata, Oaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aich 452-0961 (JP). **OTA, Koichi** [JP/JP]; Toyoda Gosei Co., Ltd., 1, Aza Nagahata, Oaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aich 452-0961 (JP). **NAGASAKA, Naohisa** [JP/JP]; Toyoda Gosei Co., Ltd., 1, Aza Nagahata, Oaza-Ochiai, Haruhi-cho, Nishikasugai-gun, Aich 452-0961 (JP).
- (74) **TAKAMATSU, Takeshi;** 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 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 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **H01L 33/00**
- (11) **WO 01/73859** (13) A1
- (21) PCT/US01/04576
- (22) **13 Feb/fév 2001 (13.02.2001)**

- (25) en (26) en
(30) 09/536,102 **24 Mar/mar 2000** US
(**24.03.2000**)
(30) 09/686,293 **11 Oct/oct 2000** US
(**11.10.2000**)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● ENHANCED-OUTPUT LIGHT EMITTING DIODE AND METHOD OF MAKING THE SAME
● DIODE ELECTROLUMINESCENTE A RENDEMENT AMELIORE ET PROCEDE DE FABRICATION DE LA DIODE
(71) **NOVA CRYSTALS, INC.** [—/US]; 174 Component Drive, San Jose, CA 95131 (US).
(72) **LI, Jun**; 4899 Campbell Avenue #14, San Jose, CA 95130 (US). **LO, Yu-Hwa**; 10866 Cloverhurst Way, San Diego, CA 98130 (US). **ZHU, Zuhua**; 1750 Don Avenue #110, Santa Jose, CA 95126 (US).
(74) **DEHAEMER, Michael, J., Jr.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).
(81) CN JP.
(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
Published / Publiée : (c)

- (51)⁷ **H01L 33/00**
(11) **WO 01/73860** (13) A2
(21) PCT/US01/09397
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 09/534,768 **24 Mar/mar 2000** US
(**24.03.2000**)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● ILLUMINATION APPARATUS AND LIGHT EMITTING DIODE AND METHOD OF USE
● DISPOSITIF LUMINEUX ET DIODE ELECTROLUMINESCENTE ET PROCEDE D'UTILISATION
(71) **LEDCORP** [US/US]; P.O. Box 2470, Akron, OH 44309 (US).
(72) **MIZE, John, V.**; P.O. Box 2470, Akron, OH 44309 (US).
(74) **OLDHAM, Scott, M.** et al. / etc.; Oldham & Oldham Co., L.P.A., Twin Oaks Estate, 1225 West Market Street, Akron, OH 44313-7188 (US).
(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

- (51)⁷ **H01L 41/00**
(11) **WO 01/73861** (13) A1
(21) PCT/US01/09970

- (22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 09/537,199 **28 Mar/mar 2000** US
(**28.03.2000**)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● PIEZOELECTRIC TRANSDUCER HAVING PROTUBERANCES FOR TRANSMITTING ACOUSTIC ENERGY AND METHOD OF MAKING THE SAME
● TRANSDUCTEUR PIEZOELECTRIQUE A PROTUBERANCES POUR LA TRANSMISSION DE L'ENERGIE ACOUSTIQUE, ET PROCEDE DE FABRICATION
(71) **MEASUREMENT SPECIALTIES INC.** [US/US]; 80 Little Falls Road, Fairfield, NJ 07004 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **TODA, Minoru** [JP/US]; 135 Gedney Road, Lawrenceville, NJ 08648 (US). **PARK, Kyung-Tae** [KR/US]; 710 Newtown Road, Berwyn, PA 19312 (US). **SWAN, Jeffrey, D.** [US/US]; 1286 Clearbrook Road, West Chester, PA 19380 (US).
(74) **HOWARD, Edward, J.** et al. / etc.; Duane, Morris & Heckscher LLP, Suite 100, 100 College Road West, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **H01L 51/30, 33/00**
(11) **WO 01/73862** (13) A1
(21) PCT/DE01/01140
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) de (26) de
(30) 100 14 287.7 **26 Mar/mar 2000** DE
(**26.03.2000**)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● SEMICONDUCTOR POLYMERS, METHOD FOR THE PRODUCTION THEREOF AND AN OPTOELECTRONIC COMPONENT
● POLYMERES SEMI-CONDUCTEURS, PROCEDE PERMETTANT DE LES PRODUIRE ET COMPOSANT OPTOELECTRONIQUE
(71) **OSRAM OPTO SEMICONDUCTORS GMBH & CO. OHG** [DE/DE]; Wernerwerkstrasse 2, 93049 Regensburg (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **VOGG, Günther** [DE/DE]; Gistlstrasse 119, 82049 Pullach (DE). **BRANDT, Martin** [DE/DE]; Auweg 12, 85748 Garching (DE). **STUTZMANN, Martin** [DE/DE]; Landpertstrasse 12, 85435 Erding (DE).

- (74) **EPHING HERMANN & FISCHER**; Postfach 12 10 26, 80034 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

- Published / Publiée : (c)
(51)⁷ **H01M**
(11) **WO 01/73863** (13) A2
(21) PCT/US01/09004
(22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 09/538,574 **29 Mar/mar 2000** US
(**29.03.2000**)
(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● FLAT, BONDED-ELECTRODE RECHARGEABLE ELECTROCHEMICAL CELL AND METHOD OF MAKING SAME
● PILE ELECTROCHIMIQUE RECHARGEABLE PLATE A ELECTRODES COLLEES, ET SON PROCEDE DE FABRICATION
(71) **VALENCE TECHNOLOGY, INC.** [US/US]; 301 Conestoga Way, Henderson, NV 89015 (US).
(72) **GOZDZ, Antoni, S.**; 8 Wemrock Drive, Ocean, NJ 07712 (US).
(74) **DESCHERE, Linda, M.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., 5445 Corporate Drive, Suite 400, Troy, MI 48098 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- (51)⁷ **H01M**
(11) **WO 01/73864** (13) A2
(21) PCT/US01/09436
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/191,774 **24 Mar/mar 2000** US
(**24.03.2000**)
(30) 60/225,134 **14 Aug/août 2000** US
(**14.08.2000**)
(30) 60/238,673 **6 Oct/oct 2000** US
(**06.10.2000**)
(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • THIN-FILM BATTERY HAVING ULTRA-THIN ELECTROLYTE AND ASSOCIATED METHOD
• BATTERIE EN COUCHE MINCE AVEC ELECTROLYTE ULTRA-MINCE ET PROCEDE ASSOCIE
- (71) **CYMBET CORPORATION** [US/US]; 18326 Joplin St. NW, Elk River, MN 55330 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **JENSON, Mark, Lynn** [US/US]; 33311 Dolphin Street N.W., Princeton, MN 55371 (US). **WEISS, Victor, Henry** [US/US]; 376 Waycliffe Circle, Wayzata, MN 55391 (US).
- (74) **VIKSINNS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **H01M**
- (11) **WO 01/73866** (13) A2
(21) PCT/US01/09494
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/191,774 **24 Mar/mar 2000 US (24.03.2000)**
(30) 60/225,134 **14 Aug/août 2000 US (14.08.2000)**
(30) 60/238,673 **6 Oct/oct 2000 US (06.10.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR INTEGRATED-BATTERY DEVICES
• PROCEDE ET APPAREIL A BATTERIE INTEGREE
- (71) **CYMBET CORPORATION** [US/US]; 18326 Joplin St. NW, Elk River, MN 55330 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **JENSON, Mark, Lynn** [US/US]; 33311 Dolphin Street N.W., Princeton, MN 55371 (US). **KLAASSEN, Jody, Jon** [US/US]; 4920 Clinton Ave South, Minneapolis, MN 55409 (US).
- (74) **VIKSINNS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01M 2/00**
- (11) **WO 01/73867** (13) A2
(21) PCT/DK01/00209
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) 60/192,884 **29 Mar/mar 2000 US (29.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BATTERY HOLDER WITH INTEGRATED SWITCH
• SUPPORT DE PILES A COMMUTEUR INTEGREE
- (71) **MICROTRONIC A/S** [DK/DK]; Byleddet 12-14, DK-4000 Roskilde (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **JØRGENSEN, Martin, Bondo** [DK/DK]; Lupinhaven 36, DK-2765 Smørum (DK). **VIDEBÆK, Karsten** [DK/DK]; Tof-tager 24, St. Valby, DK-4000 Roskilde (DK).
- (74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; P.O. Box 3007, Sankt Annæ Plads 11, DK-1021 Copenhagen K (DK).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01M 2/00**
- (11) **WO 01/73868** (13) A2
(21) PCT/US01/09439
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/191,774 **24 Mar/mar 2000 US (24.03.2000)**
(30) 60/225,134 **14 Aug/août 2000 US (14.08.2000)**
(30) 60/238,673 **6 Oct/oct 2000 US (06.10.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEVICE ENCLOSURES AND DEVICES WITH INTEGRATED BATTERY
• ENVELOPPES DE DISPOSITIFS ET DISPOSITIFS A PILE INTEGREE
- (71) **CYMBET CORPORATION** [US/US]; 18326 Joplin St. NW, Elk River, MN 55330 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **JENSON, Mark, Lynn** [US/US]; 33311 Dolphin Street N.W., Princeton, MN 55371 (US). **WEISS, Victor, Henry** [US/US]; 376 Waycliffe Circle, Wayzata, MN 55391 (US). **KLAASSEN, Jody, Jon** [US/US]; 4920 Clinton Ave South, Minneapolis, MN 55409 (US). **YAN, Jenn-Feng** [—/US]; 14349 Timber Crest Ct., Maple Grove, MN 55311 (US).
- (74) **VIKSINNS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, Minnesota 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **H01M 2/10, 10/46, 10/48, H04N 5/78**

(11) **WO 01/73869** (13) A1

(21) PCT/JP00/01859

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BATTERY

• ACCUMULATEUR

(71) **I.D.X COMPANY LTD.** [JP/JP]; 5-13-1,
Shukugawara, Tama-ku, Kawasaki-shi, Kana-
gawa 214-0021 (JP).
*(for all designated States except / pour tous
les États désignés sauf US)*

(72, 75) **KATAYAMA, Hitoshi** [JP/JP]; I.D.X
Company Ltd., 5-13-1, Shukugawara,
Tama-ku, Kawasaki-shi, Kanagawa 214-0021
(JP).

(74) **YOSHIMURA, Naoki**; Renga-toh Building,
5th floor, 3, Kagurazaka 4-chome, Shin-
juku-ku, Tokyo 162-0825 (JP).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE).

(51)⁷ **H01M 4/00**

(11) **WO 01/73870** (13) A2

(21) PCT/US01/09437

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,774 **24 Mar/mar 2000 US**
(24.03.2000)

(30) 60/225,134 **14 Aug/août 2000 US**
(14.08.2000)

(30) 60/238,673 **6 Oct/oct 2000 US**
(06.10.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTEGRATED CAPACITOR-LIKE BAT-
TERY AND ASSOCIATED METHOD

• PILE INTEGREE DE TYPE CONDEN-
SATEUR ET PROCEDE ASSOCIE

(71) **CYMBET CORPORATION** [US/US];
18326 Joplin Street NW, Elk River, MN
55330 (US).
*(for all designated States except / pour tous
les États désignés sauf US)*

(71, 72) **JENSON, Mark, Lynn** [US/US]; 33311
Dolphin Street N.W., Princeton, MN 55371
(US). **KLAASSEN, Jody, Jon** [US/US];
4920 Clinton Ave. South, Minneapolis, MN
55409 (US). **YAN, Jenn-Feng** [US/US];
14349 Timber Crest Ct., Maple Grove, MN
55311 (US).

(74) **VIKSINNS, Ann, S.**; Schwegman, Lund-
berg, Woessner & Kluth, P.O. Box 2938,
Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **H01M 4/00**

(11) **WO 01/73871** (13) A2

(21) PCT/US01/09491

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/538,575 **29 Mar/mar 2000 US**
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF MAKING BONDED-
ELECTRODE RECHARGEABLE ELEC-
TROCHEMICAL CELLS

• PROCEDE DE FABRICATION DE CEL-
LULES ELECTROCHIMIQUES RE-
CHARGEABLE A ELECTRODE LIEE

(71) **VALENCE TECHNOLOGY, INC.**
[US/US]; 301 Conestoga Way, Hender-
son, NV 89015 (US).

(72) **GOZDZ, Antoni, S.**; 8 Wemrock Drive,
Ocean, NJ 07712 (US). **TARASCON,
Jean-Marie**; 33, rue Saint-Leu, F-80039
Amiens (FR).

(74) **DESCHERE, Linda, M.**; Harness, Dickey
& Pierce, P.L.C., Suite 400, 5445 Corporate
Drive, Troy, MI 48098 (US) et al. / etc.

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG UZ
VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ **H01M 4/02, 4/04, 4/38, 4/62, 10/40**

(11) **WO 01/73872** (13) A1

(21) PCT/JP01/02048

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) ja (26) ja

(30) 2000-89272 **28 Mar/mar 2000 JP**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RECHARGEABLE BATTERY

• BATTERIE RECHARGEABLE

(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) **FUJIMOTO, Masahisa** [JP/JP]; c/o
SANYO ELECTRIC CO., LTD., 5-5, Kei-
hanondori 2-chome, Moriguchi-shi, Osaka
570-8677 (JP). **KUSUMOTO, Yasuyuki**
[JP/JP]; c/o SANYO ELECTRIC CO., LTD.,
5-5, Keihanondori 2-chome, Moriguchi-shi,
Osaka 570-8677 (JP). **MIYAKE, Masahide**
[JP/JP]; c/o SANYO ELECTRIC CO., LTD.,

5-5, Keihanondori 2-chome, Moriguchi-shi,
Osaka 570-8677 (JP). **IKEDA, Hiroaki**
[JP/JP]; c/o SANYO ELECTRIC CO., LTD.,
5-5, Keihanondori 2-chome, Moriguchi-shi,
Osaka 570-8677 (JP). **FUJITANI, Shin**
[JP/JP]; c/o SANYO ELECTRIC CO., LTD.,
5-5, Keihanondori 2-chome, Moriguchi-shi,
Osaka 570-8677 (JP).

(74) **METSUGI, Makoto** et al. / etc.; Nishimura
Bldg., 6-5, Tanimachi 1-chome, Chuo-ku, Os-
aka-shi, Osaka 540-0012 (JP).

(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 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 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 GW ML MR
NE SN TD TG).

(51)⁶ **H01M 4/40, 4/04**

(11) **WO 01/73873** (13) A1

(21) PCT/US01/09389

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/536,594 **28 Mar/mar 2000 US**
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD OF MAKING A THIN
FILM BATTERY WITH A METAL-
LIC LITHIUM ANODE

• PROCEDE DE FABRICATION D'UNE
BATTERIE A COUCHE MINCE POUR-
VUE D'UNE ANODE DE LITHIUM ME-
TALLIQUE

(71) **JOHNSON RESEARCH & DEVELOP-
MENT COMPANY, INC.** [US/US]; 1640
Roswell Street, Suite J, Smyrna, GA 30080
(US).

(72) **BATES, John**; 1624 Kinsmon Lane, Mari-
etta, GA 30062 (US).

(74) **KENNEDY, Dorian, B.**; Baker, Donelson,
Bearman & Caldwell, Suite 900, Five Con-
course Parkway, Atlanta, GA 30328 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H01M 4/62, 4/02, 4/58, 10/40**

(11) **WO 01/73874** (13) A1

(21) PCT/JP01/02610

(22) **29 Mar/mar 2001 (29.03.2001)**

- (25) ja (26) ja SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.
- (30) 2000-95287 **29 Mar/mar 2000** JP
(**29.03.2000**)
- (30) 2000-310011 **11 Oct/oct 2000** JP
(**11.10.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • LITHIUM ION SECONDARY BATTERY CATHODE, BINDER FOR LITHIUM ION SECONDARY BATTERY CATHODE AND LITHIUM ION SECONDARY BATTERY USING THEM
• CATHODE DE BATTERIE SECONDAIRE A ION LITHIUM, LIANT POUR CATHODE DE BATTERIE SECONDAIRE A ION LITHIUM, ET BATTERIE SECONDAIRE A ION LITHIUM CORRESPONDANTE
- (71) **TOYO TANSO CO., LTD.** [JP/JP]; 7-12, Takeshima 5-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 555-0011 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OHTA, Naoto** [JP/JP]; Toyo Tanso Co., Ltd., 2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 (JP). **SO-GABE, Toshiaki** [JP/JP]; Toyo Tanso Co., Ltd., 2181-2, Nakahime, Ohnohara-cho, Mitoyo-gun, Kagawa 769-1612 (JP). **KURODA, Koji** [JP/JP]; Toyo Tanso Co., Ltd., 7-12, Takeshima 5-chome, Nishiyodogawa-ku, Osaka-shi, Osaka 555-0011 (JP).
- (74) **KAJI, Yoshiyuki** et al. / etc.; Recruit Shin Osaka BLDG., 14-22, Nishinakajima 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H01M 6/00, 6/40**
- (11) **WO 01/73875** (13) A1
- (21) PCT/US01/09542
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/536,535 **28 Mar/mar 2000** US
(**28.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF PRODUCING A THIN FILM BATTERY HAVING A PROTECTIVE PACKAGING
• PROCEDE SERVANT A FABRIQUER UNE BATTERIE A COUCHE MINCE POSSEDANT UN BOITIER PROTECTEUR
- (71) **JOHNSON RESEARCH & DEVELOPMENT COMPANY, INC.** [US/US]; 1640 Roswell Street, Suite J, Smyrna, GA 30080 (US).
- (72) **BATES, John**; 1624 Kinsmon Lane, Marietta, GA 30062 (US).
- (74) **KENNEDY, Dorian, B.**; Baker, Donelson, Bearman & Caldwell, Suite 900, Five Concourse Parkway, Atlanta, GA 30328 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ **H01M 8/00**
- (11) **WO 01/73876** (13) A2
- (21) PCT/EP01/03501
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) de (26) de
- (30) 100 15 657.6 **29 Mar/mar 2000** DE
(**29.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • FUEL CELL SYSTEM
• SYSTEME DE PILES A COMBUSTIBLE
- (71) **XCELLSIS GMBH** [DE/DE]; Neue Strasse 95, 73230 Kirchheim/Teck-Nabern (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BENZ, Uwe** [DE/DE]; Krummes Land 30, 88690 Uhlhingen-Mühlhof (DE). **BONEBERG, Stefan** [DE/DE]; Hohenneuf-fenstrasse 32, 72660 Beuren (DE). **KARL, Martin** [DE/DE]; Gottlieb-Stoll-Strasse 25, 73272 Neidlingen (DE).
- (74) **KOCHER, Klaus-Peter** et al. / etc.; DaimlerChrysler AG, Intellectual Property Management, FTP - C106, 70546 Stuttgart (DE).
- (81) US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H01M 8/04**
- (11) **WO 01/73877** (13) A2
- (21) PCT/EP01/03488
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/192,579 **28 Mar/mar 2000** US
(**28.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF OPERATING A FUEL CELL SYSTEM, AND FUEL CELL SYSTEM OPERABLE ACCORDINGLY
• PROCEDE DE FONCTIONNEMENT D'UN SYSTEME DE PILE A COMBUSTIBLE, ET SYSTEME DE PILE A COMBUSTIBLE FONCTIONNANT SELON LEDIT PROCEDE
- (71) **MANHATTAN SCIENTIFICS, INC.** [US/US]; Olympic Tower, Suite 36F, 641 Fifth Avenue, New York, NY 10022 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOSCHANY, Petra** [DE/DE]; Pfarrweg 5, 94121 Strasskirchen/Salzweg (DE).
- (74) **RIEDERER VON PAAR, Anton** et al. / etc.; Postfach 26 64, 84010 Landshut (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN
- MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ US VZ VN YU ZA ZW.
- Declarations / Déclarations :
(r) for all designations / pour toutes les désignations
(s) for all designations except / pour toutes les désignations sauf US
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement
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- (51)⁷ **H01M 8/04, 8/06, C01B 3/38**
- (11) **WO 01/73878** (13) A1
- (21) PCT/JP01/02375
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) ja (26) ja
- (30) 2000-87996 **28 Mar/mar 2000** JP
(**28.03.2000**)
- (30) 2000-236766 **4 Aug/août 2000** JP
(**04.08.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEVICE FOR PRODUCING HYDROGEN AND METHOD OF OPERATING THE SAME
• DISPOSITIF CONCU POUR PRODUIRE DE L'HYDROGENE ET SON PROCEDE DE FONCTIONNEMENT
- (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) **FUJII, Yasuhiro** [JP/JP]; 601-53, Kuriyayoku, Tokuyama-shi, Yamaguchi 745-0802 (JP). **HOSAKA, Masato** [JP/JP]; 1-19-15-901, Tenma, Kita-ku, Osaka-shi, Osaka 530-0043 (JP). **TOMIZAWA, Takeshi** [JP/JP]; 12-12, Mayumiminami 1-chome, Ikoma-shi, Nara 630-0123 (JP). **UKAI, Kunihiko** [JP/JP]; 2-207-97, Higashi-ikoma, Ikoma-shi, Nara 630-0213 (JP). **TAGUCHI, Kiyoshi** [JP/JP]; Shoun-ryo, 2-26-3, Yagumokitamachi, Moriguchi-shi, Osaka 570-0008 (JP). **SHONO, Toshiyuki** [JP/JP]; 7-26-6-1, Hikaridai, Seikacho, Soraku-gun, Kyoto 619-0237 (JP). **YOSHIDA, Yutaka** [JP/JP]; 1-308, Umegaokakita, Nabari-shi, Mie 518-0746 (JP). **KITAGAWA, Koichiro** [JP/JP]; Shoko-ryo, 25-3, Midocho, Kadoma-shi, Osaka 571-0064 (JP).
- (74) **ISHII, Kazuo**; Kitahama-Yamamoto Building, 3-6, Kitahama 2-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H01M 8/04, 8/12, 8/24, 8/00, 8/18, H02M 7/00, 7/122, B60K 1/00, 6/00, B60L 9/00, 1/00**
- (11) **WO 01/73879** (13) A1
- (21) PCT/US01/09807
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 60/193,052 **29 Mar/mar 2000** US
(**29.03.2000**)
- (30) 09/815,180 **22 Mar/mar 2001** US
(**22.03.2001**)

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● FUEL CELL SYSTEM WITH LOAD MANAGEMENT
● SYSTEME DE PILE A COMBUSTIBLE A GESTION DE CHARGE
(71) **IDATECH, LLC** [US/US]; P.O. Box 5339, Bend, OR 97708-5339 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DICKMAN, Anthony, J.** [US/US]; 556 N.W. Trenton, Bend, OR 97701 (US). **ED-LUND, David, J.** [US/US]; 1698 Davenport, Bend, OR 97701 (US).

(74) **D'ASCENZO, David, S.**; Kolisch, Hartwell, Dickinson, McCormack & Heuser, P.C., Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H01M 8/10, 8/08, 8/22**
(11) **WO 01/73880** (13) A1
(21) PCT/GB01/01322
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 0007306.4 **24 Mar/mar 2000 GB (24.03.2000)**
(30) 0019622.0 **9 Aug/août 2000 GB (09.08.2000)**
(30) 0019623.8 **9 Aug/août 2000 GB (09.08.2000)**
(30) 0025030.8 **12 Oct/oct 2000 GB (12.10.2000)**
(30) 0026935.7 **3 Nov/nov 2000 GB (03.11.2000)**
(30) 0027587.5 **10 Nov/nov 2000 GB (10.11.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● MIXED REACTANT FUEL CELLS
● PILES A COMBUSTIBLE A REACTIFS MIXTES
(71) **SCIENTIFIC GENERICS LIMITED** [GB/GB]; Harston Mill, Harston, Cambridgeshire CB2 5NH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRIESTNALL, Michael, Alexander** [GB/GB]; Scientific Generics Limited, Harston Mill, Harston, Cambridgeshire CB2 5NH (GB). **EVANS, Michael, Joseph** [GB/GB]; Scientific Generics Limited, Harston Mill, Harston, Cambridgeshire CB2 5NH (GB). **SHAFFER, Milo, Sebastian, Peter** [GB/GB]; 55 Bateman Street, Cambridge CB2 1LR (GB).

(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)
(51)⁷ **H01M 8/10, 8/08, 8/22**
(11) **WO 01/73881** (13) A1
(21) PCT/GB01/01339
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) en (26) en
(30) 0007306.4 **24 Mar/mar 2000 GB (24.03.2000)**
(30) 0019622.0 **9 Aug/août 2000 GB (09.08.2000)**
(30) 0019623.8 **9 Aug/août 2000 GB (09.08.2000)**
(30) 0025030.8 **12 Oct/oct 2000 GB (12.10.2000)**
(30) 0026935.7 **3 Nov/nov 2000 GB (03.11.2000)**
(30) 0027587.5 **10 Nov/nov 2000 GB (10.11.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● MIXED REACTANT FUEL CELLS WITH FLOW THROUGH POROUS ELECTRODES
● PILES A COMBUSTIBLE A REACTIF MELANGE A ELECTRODES PORUSES A CIRCULATION CONTINUE

(71) **SCIENTIFIC GENERICS LIMITED** [GB/GB]; Harston Mill, Harston, Cambridgeshire CB2 5NH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRIESTNALL, Michael, Alexander** [GB/GB]; Scientific Generics Limited, Harston Mill, Harston, Cambridgeshire CB2 5NH (GB). **EVANS, Michael, Joseph** [GB/GB]; Scientific Generics Limited, Harston Mill, Harston, Cambridgeshire CB2 5NH (GB). **SHAFFER, Milo, Sebastian, Peter** [GB/GB]; 55 Bateman Street, Cambridge CB2 1LR (GB).

(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2-5 Warwick Court, High Holborn, London WC1R 5DH (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)
(51)⁷ **H01M 8/18**
(11) **WO 01/73882** (13) A1
(21) PCT/GB01/01236
(22) **21 Mar/mar 2001 (21.03.2001)**
(25) en (26) en
(30) 0007290.0 **24 Mar/mar 2000 GB (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD OF OPERATING A FUEL CELL
● PROCEDE DE FONCTIONNEMENT D'UNE PILE A COMBUSTIBLE
(71) **INNOGY TECHNOLOGY VENTURES LIMITED** [GB/GB]; Windmill Hill Business Park, Whitehill Way, Swindon, Wiltshire SN5 6PB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORRISSEY, Patrick, John** [IE/GB]; 70 Newtown Road, New Denham, Uxbridge UB9 4BD (GB).

(74) **ALLARD, Susan, Joyce**; Boulton Wade Tenant, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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.

Declarations / Déclarations :
(s) for all designations except / pour toutes les désignations sauf US
(t) for all designations / pour toutes les désignations
(u) for / pour US only / seulement

(51)⁷ **H01M 10/00**
(11) **WO 01/73883** (13) A2
(21) PCT/US01/09595
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/191,774 **24 Mar/mar 2000 US (24.03.2000)**
(30) 60/225,134 **14 Aug/août 2000 US (14.08.2000)**
(30) 60/238,673 **6 Oct/oct 2000 US (06.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● LOW-TEMPERATURE FABRICATION OF THIN-FILM ENERGY-STORAGE DEVICES
● FABRICATION BASSE TEMPERATURE DE DISPOSITIFS D'ACCUMULATION D'ENERGIE EN COUCHE MINCE

(71) **CYMBET CORPORATION** [US/US]; 18326 Joplin St. NW, Elk River, MN 55330 (US).

- (for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **JENSON, Mark, Lynn** [US/US]; 33311 Dolphin Street N.W., Princeton, MN 55371 (US).
- (74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **H01M 10/40**
- (11) **WO 01/73884** (13) A1
- (21) PCT/JP01/01135
- (22) **16 Feb/fév 2001 (16.02.2001)**
- (25) ja (26) ja
- (30) 2000-089934 **28 Mar/mar 2000 JP (28.03.2000)**
- (30) 2000-089936 **28 Mar/mar 2000 JP (28.03.2000)**
- (30) 2000-089965 **28 Mar/mar 2000 JP (28.03.2000)**
- (30) 2000-089972 **28 Mar/mar 2000 JP (28.03.2000)**
- (30) 2000-089974 **28 Mar/mar 2000 JP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • LITHIUM SECONDARY CELL
• ACCUMULATEUR AU LITHIUM
- (71) **NGK INSULATORS, LTD.** [JP/JP]; 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **YANG, Li** [CN/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).
YOSHIDA, Toshihiro [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).
NEMOTO, Hiroshi [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).
TAKAHASHI, Michio [JP/JP]; c/o NGK Insulators, Ltd., 2-56, Suda-cho, Mizuho-ku, Nagoya-city, Aichi 467-8530 (JP).
- (74) **WATANABE, Kazuhira**; 3rd Fl. No. 8 Kikuboshi Tower Building, 20-18, Asakusabashi 3-chome, Taito-ku, Tokyo 111-0053 (JP).
- (81) CA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01P 1/15**
- (11) **WO 01/73885** (13) A1
- (21) PCT/JP01/01492
- (22) **28 Feb/fév 2001 (28.02.2001)**
- (25) en (26) en
- (30) 2000-86150 **27 Mar/mar 2000 JP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • RF SWITCH
• COMMUTATEUR D'HYPERFREQUENCES
- (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) **NAKAKUBO, Hideaki** [JP/JP]; 1-2-18-201, Kabutodai, Kizu-cho, Soraku-gun, Kyoto 619-0224 (JP).
IWASAKI, Tomoyuki [JP/JP]; 225-26, Kusesatononishi, Joyo-shi, Kyoto 610-0102 (JP).
- (74) **IWAHASHI, Fumio** et al. / etc.; c/o Matsushita Electric Industrial Co., Ltd., 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01P 1/36**
- (11) **WO 01/73886** (13) A1
- (21) PCT/US01/09803
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,574 **28 Mar/mar 2000 US (28.03.2000)**
- (30) 09/740,940 **21 Dec/déc 2000 US (21.12.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DOUBLING THE POWER HANDLING CAPACITY OF A CIRCULATOR-BASED ISOLATOR USING HYBRIDS
• PROCEDE SERVANT A DOUBLER LA CAPACITE DE GESTION DE PUISSANCE D'UN ISOLANT BASE SUR UN CIRCULATEUR AU MOYEN DE DIFFERENTIELS
- (71) **THOMCAST COMMUNICATIONS, INC.** [US/US]; 104 Feeding Hills Road, Southwick, MA 01077 (US).
- (72) **FRIES, Henry, J.**; 274 Holyoke Road, Westfield, MA 01085 (US).
- (74) **DELUCA, Vincent, M.** et al. / etc.; Rothwell, Figg, Ernst & Manbeck, P.C., 555 13th Street, N.W., Suite 701-E, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01Q**
- (11) **WO 01/73887** (13) A2
- (21) PCT/IB01/00511
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/540,911 **31 Mar/mar 2000 US (31.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ANTENNA AND CABLE MONITORING FOR RADIO BASE STATION
• SURVEILLANCE D'ANTENNES ET DE CABLES POUR STATION DE BASE RADIO
- (71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
- (71) **NOKIA INC.** [US/US]; 6000 Connection Drive, Dallas, TX 75039 (US).
(only for / seulement pour LC)
- (72) **KETONEN, Veli-Pekka**; 1217 Meadow Creek Drive #D, Irving, TX 75038 (US).
- (74) **KELLY, Robert, H.** et al. / etc.; Novakov 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01Q 1/32, G07B 15/00**
- (11) **WO 01/73888** (13) A1
- (21) PCT/EP01/03527
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) de (26) de
- (30) 200 05 823.1 **29 Mar/mar 2000 DE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEVICE FOR WIRELESS COMMUNICATION WITH PORTABLE DATA SUPPORTS
• DISPOSITIF POUR LA COMMUNICATION SANS CONTACT AVEC DES SUPPORTS DE DONNEES PORTABLES
- (71) **TERATRON GMBH** [DE/DE]; Robert-Wilhelm-Bunsen-Strasse 5, 51647 Gummersbach (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KONRAD, Reimund** [DE/DE]; In der Hülsbach 10, 51647 Gummersbach (DE).
- (74) **COHAUSZ & FLORACK**; Kanzlerstrasse 8a, 40472 Düsseldorf (DE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI

SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ **H01Q 1/38, 1/24, 13/08, H04B 1/38, G04G
1/00**

(11) **WO 01/73889** (13) A1

(21) PCT/JP01/02662

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) ja (26) ja

(30) 2000-92494 **29 Mar/mar 2000** JP
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ANTENNA FOR HIGH-FREQUENCY
RADIO, HIGH-FREQUENCY RADIO
DEVICE AND HIGH-FREQUENCY RA-
DIO DEVICE OF WATCH TYPE

● ANTENNE POUR RADIO HAUTE FRE-
QUENCE, DISPOSITIF RADIO HAUTE
FREQUENCE, ET DISPOSITIF RA-
DIO HAUTE FREQUENCE DE TYPE
MONTRE

(71) **SEIKO EPSON CORPORATION** [JP/JP];
4-1, Nishishinjuku 2-chome, Shinjuku-ku,
Tokyo 163-0811 (JP).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **KOYAMA, Shunsuke** [JP/JP]; c/o Seiko
Epson Corporation, 3-5, Owa 3-chome,
Suwa-shi, Nagano 392-8502 (JP). **FUJI-
SAWA, Teruhiko** [JP/JP]; c/o Seiko Epson
Corporation, 3-5, Owa 3-chome, Suwa-shi,
Nagano 392-8502 (JP).

(74) **KAWASAKI, Kenji**; ASAHI PATENT OF-
FICE, 7th Fl., Toyo Bldg., 2-10, Nihonbashi
1-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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (a)

(51)⁷ **H01Q 1/38, 1/32**

(11) **WO 01/73890** (13) A1

(21) PCT/US01/09932

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/535,999 **28 Mar/mar 2000** US
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MICROWAVE ANTENNA FOR USE IN
A VEHICLE

● ANTENNE HYPERFREQUENCE
CONÇUE POUR VEHICULE

(71) **GENTEX CORPORATION** [US/US]; 600
North Centennial Street, Zeeland, MI 49464
(US).

(72) **WALSTRA, Eric, J.**; 941 Brownell, S.E.,
Grand Rapids, MI 49508 (US). **TURNBULL,
Robert, R.**; 3950 Vermae Drive, Holland, MI
49424 (US).

(74) **CARRIER, Robert, J.**; Price, Heneveld,
Cooper, DeWitt & Litton, 695 Kenmoor,
S.E., Post Office Box 2567, Grand Rapids,
MI 49501-2567 (US).

(81) AT AU BG BR CA CH CN CZ DE DK ES FI
GB GE HU ID IL IN JP KR MX NO NZ PL
PT RO RU SE SG SI SK TR UA YU ZA.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **H01Q 15/00, 3/44**

(11) **WO 01/73891** (13) A1

(21) PCT/US01/00855

(22) **10 Jan/jan 2001 (10.01.2001)**

(25) en (26) en

(30) 09/537,922 **29 Mar/mar 2000** US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AN ELECTRONICALLY TUNABLE RE-
FLECTOR

● REFLECTEUR ACCORDABLE ELEC-
TRONIQUEMENT

(63) US 09/537,922 (CON)
29 Mar/mar 2000 (29.03.2000)

(71) **HRL LABORATORIES, LLC.** [US/US];
3011 Malibu Canyon Road, Malibu, CA
90265-4799 (US).
(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SIEVENPIPER, Daniel** [US/US];
11300 Exposition Blvd., #215, Los An-
geles, CA 90064 (US). **HSU, Tsung-Yuan**
[US/US]; 3463 Three Springs Drive, Westlake
Village, CA 91361 (US). **WU, Shin-Tson**
[US/US]; 19138 Frankfort Street, Northridge,
CA 91324 (US). **PEPPER, David, M.**
[US/US]; 3925 Latigo Canyon Road, Malibu,
CA 90265 (US).

(74) **BERG, Richard, P.** et al. / etc.; Ladas &
Parry, Suite 2100, 5670 Wilshire Boulevard,
Los Angeles, CA 90036-5679 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H01Q 15/00, 3/26**

(11) **WO 01/73892** (13) A2

(21) PCT/US01/09895

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/537,921 **29 Mar/mar 2000** US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AN END-FIRE ANTENNA OR AR-
RAY ON SURFACE WITH TUNABLE
IMPEDANCE

● ANTENNE OU ANTENNE RESEAU,
A RAYONNEMENT LONGITUDINAL,
DOTE D'UNE IMPEDANCE RE-
GLABLE

(63) US 09/537,921 (CON)
29 Mar/mar 2000 (29.03.2000)

(71) **HRL LABORATORIES, LLC.** [US/US];
3011 Malibu Canyon Road, Malibu, CA
90265-4799 (US). **RAYTHEON COM-
PANY** [US/US]; 141 Spring Street, Lexing-
ton, MA 02173 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) **SIEVENPIPER, Daniel** [US/US];
11300 Exposition Blvd., #215, Los Angeles,
CA 90064 (US). **LEE, Jar, J.** [US/US]; 24
Christamon East, Irvine, CA 92620 (US).
LIVINGSTON, Stan [US/US]; 4249 W.
Franklin, Fullerton, CA 92833 (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **H01Q 15/00, 9/04**

(11) **WO 01/73893** (13) A1

(21) PCT/US01/09973

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/537,923 **29 Mar/mar 2000** US
(29.03.2000)

(30) 09/589,859 **8 Jun/juin 2000** US
(08.06.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A TUNABLE IMPEDANCE SURFACE
● SURFACE D'IMPEDANCE REGLABLE

(71) **HRL LABORATORIES, LLC** [US/US];
3011 Malibu Canyon Road, Malibu, CA
90265-4799 (US).

(72) **SIEVENPIPER, Daniel**; 11300 Exposition
Blvd. #215, Los Angeles, CA 90064 (US).
HARVEY, Robin, J.; 809 La Grange Ave.,
Newbury Park, CA 91320 (US). **TANG-
ONAN, Greg**; 141 Santa Rosa Avenue,
Oxnard, CA 93035 (US). **LOO, Robert, Y.**;
29046 Old Carriage Court, Agoura Hills,
CA 91301 (US). **SCHAFFNER, James, H.**;
9960 Owensmouth Avenue #8, Chatsworth,
CA 91311 (US).

- (74) **BERG, Richard, P.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Blvd., Los Angeles, CA 90036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁶ **H01Q 21/00**
- (11) **WO 01/73894** (13) A1
- (21) PCT/CN01/00017
- (22) **12 Jan/jan 2001 (12.01.2001)**
- (25) zh (26) zh
- (30) 00 1 03547.9 **27 Mar/mar 2000 CN (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A METHOD FOR IMPROVING INTEL-LIGENT ANTENNA ARRAY COVER-AGE
- PROCEDE D'AMELIORATION DE LA ZONE DE COUVERTURE D'UN RE-SEAU D'ANTENNES INTELLIGENTES
- (71) **CHINA ACADEMY OF TELECOM-MUNICATIONS TECHNOLOGY, MII** [CN/CN]; 40 Xue Yuan Road, Haidian Dis-trict, Beijing 100083 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LI, Feng** [CN/CN]; 40 Xue Yuan Road, Haidian District, Beijing 100083 (CN). **RAN, Xiaolong** [CN/CN]; 40 Xue Yuan Road, Haidian District, Beijing 100083 (CN).
- (74) **BEIJING SANYOU PATENT AGENCY CO., LTD.**; 40 North Sanhuanzhonglu Road, Beijing 100088 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01R**
- (11) **WO 01/73895** (13) A2
- (21) PCT/CA01/00383
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,265 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • UNDERNEATH CONNECTOR SYS-TEM
- SYSTEME DE CONNECTEUR INFE-RIEUR
- (71, 72) **HUTCHINS, Nicholas, D.** [CA/CA]; 351 MacDonald Road, Oakville, Ontario L6J 2A8 (CA). **HUTCHINS, J., Marc** [CA/CA]; 2119 Devon Road, Oakville, Ontario L6J 5L9 (CA).
- (74) **WOODLEY, John, H.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H01R**
- (11) **WO 01/73896** (13) A2
- (21) PCT/DE01/00969
- (22) **15 Mar/mar 2001 (15.03.2001)**
- (25) de (26) de
- (30) 100 15 044.6 **25 Mar/mar 2000 DE (25.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PLUG CONNECTOR FOR PRINTED CIRCUITS
- CONNECTEUR A FICHES POUR CONDUCTEURS A BANDE PLATE
- (71) **DIETER HÖLZLE TECHNIK-PRO-JEKTE GMBH** [DE/DE]; Daimlerstr. 17, 75392 Deckenpfronn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HÖLZLE, Dieter** [DE/DE]; Siemensstrasse 8, 75392 Deckenpfronn (DE). **WEBER, Wilfried** [DE/DE]; Am Stücklesberg 10, 72296 Schopfloch (DE). **WILLMANN, Hubert** [DE/DE]; Dekan-Metz-Strasse 6, 78199 Bräunlingen (DE).
- (74) **FRANK, Gerhard** et al. / etc.; Schwarzwaldstr. 1A, 75173 Pforzheim (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H01R 4/34**
- (11) **WO 01/73897** (13) A1
- (21) PCT/JP01/02518
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-89988 **29 Mar/mar 2000 JP (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TERMINAL DEVICE
- DISPOSITIF A BORNES
- (71) **IDEC IZUMI CORPORATION** [JP/JP]; 7-31, Nishimiyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8550 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ISHII, Takashi** [JP/JP]; c/o Idec Izumi Corporation, 7-31, Nishimiyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8550 (JP). **FUJIMOTO, Masashi** [JP/JP]; c/o Idec Izumi Corporation, 7-31, Nishimiyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8550 (JP). **MAKIMOTO, Shigeki** [JP/JP]; c/o Idec Izumi Corporation, 7-31, Nishimiyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8550 (JP). **FUJITANI, Shigetoshi** [JP/JP]; c/o Idec Izumi Corporation, 7-31, Nishimiyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8550 (JP). **TAKEDA, Masami** [JP/JP]; c/o Idec Izumi Corporation, 7-31, Nishimiyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8550 (JP). **ONISHI, Yasuo** [JP/JP]; c/o Idec Izumi Corporation, 7-31, Nishimiyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8550 (JP). **MATSUMOTO, At-sushi** [JP/JP]; c/o Idec Izumi Corporation, 7-31, Nishimiyahara 1-chome, Yodogawa-ku, Osaka-shi, Osaka 532-8550 (JP).
- (74) **KOMORI, Hisao**; 2-11, Tanimachi 3-chome, chuo-ku, Osaka-shi, Osaka 540-0012 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H01R 11/28**
- (11) **WO 01/73898** (13) A1
- (21) PCT/US01/09488
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 09/538,052 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BATTERY TERMINAL JUMPER CLIP
- PINCE DE COSSE DE BATTERIE
- (71) **POWERWARE CORPORATION** [US/US]; 8609 Six Forks Road, Raleigh, NC 27615 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WINCH, Cary** [US/US]; 503 Peach Street, Necedah, WI 54646 (US). **EDE-VOLD, Craig** [US/US]; 523 Clark Street, Tomah, WI 54660 (US). **MEARS, Gregory** [US/US]; 4800 Sandberry Lane, Raleigh, NC 27613 (US).
- (74) **MAKEEVER, Jeffery**; Leydig, Voit & Mayer, Ltd., 6815 Weaver Road, Suite 300, Rockford, IL 61114-8018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H01R 13/04

(11) WO 01/73899 (13) A1

(21) PCT/IB01/00502

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 00106892.3 31 Mar/mar 2000 EP (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PIN, PLUGGABLE CONNECTION BETWEEN THE PIN AND A SOCKET AND USE OF THE PIN

• FICHE, CONNEXION ENFICHABLE ENTRE LA FICHE ET UNE PRISE ET UTILISATION DE LA FICHE

(71) TYCO ELECTRONICS AMP GMBH [DE/DE]; AMPèrestrasse 12-14, 64625 Bensheim (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KERN, Josef [DE/DE]; Strasse Q, Nr. 7, 13629 Berlin (DE). SCHOEPEF, Thomas [DE/US]; 436 Bolinger, Rochester Hills, MI 48307 (US).

(74) HEINZ-SCHAEFER, Marion et al. / etc.; Tyco Electronics Logistics AG, AMPèrestrasse 3, CH-9323 Steinach/SG (CH).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H01R 31/06

(11) WO 01/73900 (13) A1

(21) PCT/JP01/02563

(22) 28 Mar/mar 2001 (28.03.2001)

(25) ja (26) ja

(30) 2000-88052 28 Mar/mar 2000 JP (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • POWER ADAPTER DEVICE

• ADAPTEUR DE COURANT

(71) MITSUMI ELECTRIC CO., LTD. [JP/JP]; 8-8-2, Kokuryo-cho, Chofu-shi, Tokyo 182-8557 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SHIRAKURA, Hironori [JP/JP]; c/o KYUSYU MITSUMI CO., LTD., 1049, Aza Obita, Oaza Tateiwa, Iizuka-shi, Fukuoka 820-8533 (JP). HAMAI, Hidetoshi [JP/JP]; c/o KYUSYU MITSUMI CO., LTD., 1049, Aza Obita, Oaza Tateiwa, Iizuka-shi, Fukuoka 820-8533 (JP).

(74) GOTO, Yosuke et al. / etc.; The Third Mori Building, 4-10, Nishishinbashi 1-chome, Minato-ku, Tokyo 105-0003 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ H01S 3/00

(11) WO 01/73901 (13) A2

(21) PCT/US01/07758

(22) 8 Mar/mar 2001 (08.03.2001)

(25) en (26) en

(30) 09/536,047 27 Mar/mar 2000 US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LINEAR LASER DRIVER CIRCUIT

• CIRCUIT D'ATTAQUE DE LASER LINEAIRE

(71) MARCONI COMMUNICATIONS, INC. [US/US]; 5900 Landerbrook Drive, Cleveland, OH 44124 (US).

(72) KIMBROUGH, Mahlon, D.; 2301 Caldwell Drive, Bedford, TX 76021 (US).

(74) COCHRAN, David, B. et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ H01S 3/00

(11) WO 01/73902 (13) A2

(21) PCT/US01/09013

(22) 20 Mar/mar 2001 (20.03.2001)

(25) en (26) en

(30) 60/193,410 31 Mar/mar 2000 US (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • AN OPTICAL COMMUNICATION DEVICE INCLUDING A SEMITRANSSPARENT OPTICAL DETECTOR

• DISPOSITIF DE COMMUNICATION OPTIQUE COMPRENANT UN DETECTEUR OPTIQUE SEMI-TRANSPARENT

(71) AEGIS SEMICONDUCTOR [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAGNER, Matthias [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).

(74) ENGELSON, Gary, S.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ H01S 5/00

(11) WO 01/73903 (13) A2

(21) PCT/US01/09014

(22) 20 Mar/mar 2001 (20.03.2001)

(25) en (26) en

(30) 60/193,326 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A MONITORED OPTICAL COMPONENT AND METHOD OF MAKING

• COMPOSANT OPTIQUE CONTROLE ET PROCEDE DE FABRICATION

(71) AEGIS SEMICONDUCTOR [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) WAGNER, Sigurd [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US). MA, Eugene, Y. [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US). PAYNE, Adam, M. [US/US]; 170 Common Street, Suite 204, Lawrence, MA 01840 (US).

(74) ENGELSON, Gary, S.; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ H01S 5/0687

(11) WO 01/73904 (13) A1

(21) PCT/GB01/01117

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 0007234.8 **25 Mar/mar 2000 GB (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● STABILISED RADIATION SOURCE

- SOURCE DE RAYONNEMENT STABILISEE

(71) **MARCONI COMMUNICATIONS LIMITED** [GB/GB]; New Century Park, P.O. Box 53, Coventry CV3 1HJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIVERMORE, Peter, James** [GB/GB]; 2 Fullood Close, Chilwell, Beeston, Nottingham NG9 5LG (GB). **LEACH, Michael, John** [GB/GB]; Manor House, The Lane, Awsworth NG16 2QF (GB). **BUTLER, Graham** [GB/GB]; 53 Farm Road, Chilwell, Nottingham NG9 5DA (GB). **VASS, Darren** [GB/GB]; 26 Frederick Street, Long Eaton, Derbyshire NG10 2DR (GB).

(74) **COLLIER, Ian, Terry**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CMI 2QX (GB).

(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 GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H01S 5/14**(11) **WO 01/73905** (13) A1

(21) PCT/GB01/01299

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 0007160.5 **25 Mar/mar 2000 GB (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● WAVELENGTH TUNING IN EXTERNAL CAVITY LASERS

- AJUSTEMENT DE LONGUEUR D'ONDE DANS UN LASER A CAVITE EXTERNE

(71) **RENISHAW PLC** [GB/GB]; New Mills, Wotton-under-Edge, Gloucestershire GL12 8JR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIAO, Tingdi** [CN/GB]; The Malory, 29 Brecon Close, Paignton, Devon TQ4 7GF (GB). **CHANEY, Raymond, John** [GB/GB]; Laburnum Cottage, New Brookend, Berkeley, Gloucestershire GL13 9SF (GB).

(74) **WAITE, John**; Renishaw plc, Patent Dept., New Mills, Wotton-under-Edge, Gloucestershire GL12 8JR (GB).

(81) JP US.

Published / Publiée : (c)

Declaration / Déclaration :

(u) for / pour US only / seulement

(51)⁷ **H01S 5/22**(11) **WO 01/73906** (13) A1

(21) PCT/IE01/00040

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) S2000/0232 **28 Mar/mar 2000 IE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A LASER DIODE

- DIODE LASER

(71) **THE PROVOST, FELLOWS AND SCHOLARS OF THE COLLEGE OF THE HOLY AND UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN** [IE/IE]; Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'GORMAN, James, Christopher** [IE/IE]; 9 Portersgate Rise, Clonsilla, Dublin 15 (IE). **LOGUE, Frederick, Paul** [IE/IE]; Whitecross, Julianstown, County Meath (IE).

(74) **F.F. GORMAN & CO.**; 54 Merrion Square, Dublin 2 (IE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H01T 13/39**(11) **WO 01/73907** (13) A1

(21) PCT/DE01/00452

(22) **6 Feb/fév 2001 (06.02.2001)**

(25) de (26) de

(30) 100 15 642.8 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SPARK PLUG FOR AN INTERNAL COMBUSTION ENGINE

- BOUGIE D'ALLUMAGE POUR MOTEUR A COMBUSTION INTERNE

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MENKEN, Lars** [DE/DE]; Rosenstrasse 2, 73072 Donzdorf (DE). **REINSCH, Bernd** [DE/DE]; Auguste-Supper-Strasse 29, 71642 Ludwigsburg (DE). **HRASTNIK, Klaus** [DE/DE]; Liststrasse 46, 70180 Stuttgart

(DE). **TRACHTE, Dietrich** [DE/DE]; Hoffmannstrasse 58, 71229 Leonberg (DE). **CZERWINSKI, Klaus** [DE/DE]; Sturzaeckerstrasse 46, 73574 Iggingen (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 **H01T 19/02, 23/00, F02M 27/04**(11) **WO 01/73908** (13) A1

(21) PCT/JP00/01883

(22) **27 Mar/mar 2000 (27.03.2000)**

(25) ja (26) ja

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● IONIZER

- IONISATEUR

(71) **MOTOUCHI, Kyoko** [JP/JP]; D-102, 4-204-1, Minamibefu, Nishi-ku, Kobe-shi, Hyogo 651-2116 (JP). **FUJIWARA, Satoko** [JP/JP]; D-102, 4-204-1, Minamibefu, Nishi-ku, Kobe-shi, Hyogo 651-2116 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **MOTOUCHI, Kazuo** [JP/JP]; D-102, 4-204-1, Minamibefu, Nishi-ku, Kobe-shi, Hyogo 651-2116 (JP).

(74) **WATANABE, Takafumi**; Watanabe Patent Office, Kobe Isuzu Recruit Building, 12th floor, 2-2, Kumoidori 4-chome, Chuo-ku, Kobe-shi, Hyogo 651-0096 (JP).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H02G 3/38**(11) **WO 01/73909** (13) A1

(21) PCT/EP01/03613

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) de (26) de

(30) 100 16 084.0 **31 Mar/mar 2000 DE (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MULTIFUNCTIONAL FLOOR

- SOL MULTIFONCTION

(71) **ARMSTRONG DLW AG** [—/DE]; Stuttgarter Str. 75, 74321 Bietigheim-Bissingen (DE). **EMT WERKZEUG- UND FORMENBAU GMBH** [—/DE]; Daimlerstr. 31, 74523 Schwäbisch Hall (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KITZINGER, Artur** [—/DE]; Wiesenstr. 12, 71732 Tamm (DE). **MAUK, Hanns, Jörg** [—/DE]; Dammweg 2, 74395 Mundelsheim (DE). **BAY, Thomas** [—/DE]; Vöhrenstr. 11, 74523 Schwäbisch Hall (DE). **RÜCK, Matthias** [—/DE]; Geranienweg 10, 74423 Obersontheim (DE). **MENNEKES, Rolf** [—/DE]; Büschlerstr. 62, 74523 Schwäbisch Hall (DE).

(74) **MÜLLER-BORÉ & PARTNER**; Grafinger Str. 2, 81671 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR

HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02G 11/00

(11) WO 01/73910 (13) A2

(21) PCT/GB01/01363

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 0007369.2 28 Mar/mar 2000 GB
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● APPARATUS FOR RETRACTING AN
EXTENSION CORD

● APPAREIL PERMETTANT DE RE-
TRACTER UNE RALLONGE ELEC-
TRIQUE

(71, 72) MCLEOD, Gordon [GB/GB]; 38
Colonsay Place, Kilmarnock, Ayrshire KA3
2JU (GB).

(74) MURGITROYD & COMPANY; 373 Scot-
land Street, Glasgow G5 8QA (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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ H02G 11/02

(11) WO 01/73911 (13) A1

(21) PCT/US01/08778

(22) 20 Mar/mar 2001 (20.03.2001)

(25) en (26) en

(30) 09/534,498 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CORD REWINDER DEVICE AND
HORIZONTALLY-MOUNTED ELEC-
TRICAL CORD REWINDER DEVICE
FOR A VACUUM CLEANER

● ENROULEUR DE CORDON ELEC-
TRIQUE ET ENROULEUR DE COR-
DON ELECTRIQUE A MONTAGE
HORIZONTAL POUR ASPIRATEUR
DE MENAGE

(71) MULTICRAFT INTERNATIONAL
[US/US]; 148 Michel Street, Brandon, MS
39042 (US).

(72) BRYANT, Kevin, L.; 4953 Wynndale Road,
Terry, MS 39170 (US).

(74) MYERS, George, C., Jr. et al. / etc.; 900
17th Street, N.W., Suite 1000, Washington,
DC 20006 (US).

(81) AU CA CN JP KR MX.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (a)

(51)⁷ H02H 1/00, 1/04, 3/04

(11) WO 01/73912 (13) A1

(21) PCT/IL01/00252

(22) 15 Mar/mar 2001 (15.03.2001)

(25) en (26) en

(30) 135120 16 Mar/mar 2000 IL
(16.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● APPARATUS FOR THE DETECTION
AND EARLY WARNING OF ELECTRI-
CAL ARCING FAULT

● APPAREIL POUR LA DETECTION ET
LE SIGNALEMENT PRECOCE D'UNE
DEFAILLANCE DU TYPE FORMA-
TION D'ARC

(71, 72) SAPIR, Michael [IL/IL]; 12 Hatzav
Street, 84847 Beer Sheva (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
BY BZ CA CH CN CO CR CU CZ DE DK
DM DZ EE ES FI GB GD GE GH GM HR
HU ID IL IN IS JP KE KG KP KR KZ LC
LK LR LS LT LU LV MA MD MG MK MN
MW MX MZ NO NZ PL PT RO RU SD SE
SG SI SK SL TJ TM TR TT TZ UA UG US
UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H02H 7/085

(11) WO 01/73913 (13) A1

(21) PCT/IB01/00494

(22) 23 Mar/mar 2001 (23.03.2001)

(25) fr (26) fr

(30) 00/03853 27 Mar/mar 2000 FR
(27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DEVICE FOR STOPPING A SIN-
GLE-PHASE ASYNCHRONOUS MO-
TOR WITH PHASE-SHIFTING CAPAC-
ITOR

● DISPOSITIF D'ARRET D'UN MO-
TEUR ASYNCHRONE MONOPHASE
A CONDENSATEUR DE DEPHASAGE

(71) SOMFY [FR/FR]; 8, avenue de Margencel,
F-74300 Cluses (FR).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRUNO, Serge [FR/FR]; 377, rue des
Fontaines, F-74460 Marnaz (FR).

(74) MEYLAN, Robert, M.; 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 EE ES FI GB GD GE GH GM HR
HU ID IL IN 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 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 GW ML MR
NE SN TD TG).

(51)⁷ H02J

(11) WO 01/73914 (13) A2

(21) PCT/US01/10083

(22) 29 Mar/mar 2001 (29.03.2001)

(25) en (26) en

(30) 09/538,053 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM FOR DETECTING DEFEC-
TIVE BATTERY PACKS

● SYSTEME DE DETECTION DE BLOC-
BATTERIE DEFECTUEUX

(71) POWERWARE CORPORATION
[US/US]; 8609 Six Forks Road, Raleigh,
NC 27615 (US).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) LAYDEN, David [US/US]; N7692 11th
Avenue South, New Lisbon, WI 53950 (US).

EDEVOLD, Craig [US/US]; 523 Clark
Street, Tomah, WI 54660 (US). WINCH,
Cary [US/US]; 503 Peach Street, Necedah,
WI 54646 (US). Zahrte, Donald, Sr.
[US/US]; N10045 18th Avenue, Necedah,
WI 54646 (US).

(74) MAKEEVER, Jeffery; Leydig, Voit &
Mayer, Ltd., 6815 Weaver Road, Suite 300,
Rockford, IL 61114-8018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CO CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG 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 GW ML MR
NE SN TD TG).

(51)⁷ H02J

(11) WO 01/73915 (13) A2

(21) PCT/US01/09786

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 09/538,051 29 Mar/mar 2000 US
(29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● DISTRIBUTED INTERNAL FAULT
BYPASS IN A MODULAR UNINTER-
RUPTIBLE POWER SUPPLY

- ALIMENTATION D'ENERGIE MODULAIRE A SYSTEME UPS : CIRCUIT DE DERIVATION INTERNE REPARTI INTERVENANT EN CAS DE DEFAILLANCE
- (71) **POWERWARE CORPORATION** [US/US]; 8609 Six Forks Road, Raleigh, NC 27615 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **EDEVOLD, Craig** [US/US]; 523 Clark Street, Tomah, WI 54660 (US). **WINCH, Cary** [US/US]; 503 Peach Street, Necedah, WI 54646 (US). **Zahrte, Donald, Sr.** [US/US]; N10045 18th Ave, Necedah, WI 54646 (US). **WADE, Joseph** [US/US]; W1509 County Road AE, Mindoro, WI 54644 (US). **JUNGWIRTH, Peter** [US/US]; 3310 44th Street South, Wisconsin Rapids, WI 54494 (US). **LAUFENBERG, Derek** [US/US]; 1512 N 69th, Wauwatosa, WI 53213 (US).
- (74) **MAKEEVER, Jeffery**; Leydig, Voit & Mayer, Ltd., 6815 Weaver Road, Rockford, IL 61114-8018 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H02J 3/32, 3/38, H02M 7/5387**
- (11) **WO 01/73916** (13) A2
- (21) PCT/US01/40384
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/536,373 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYNCHRONOUS FRAME REGULATION TO EXTRACT A POSITIVE SEQUENCE COMPONENT OF A LINE VOLTAGE
- REGULATION D'UN RESEAU SYNCHRONISME PAR EXTRACTION DE LA COMPOSANTE DE LA SEQUENCE POSITIVE DE LA TENSION DE LIGNE
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07960 (US).
- (72) **HUGGETT, Colin**; 5202 Paseo Del Pavon, Torrance, CA 90505 (US). **GARBOR, Kalman**; 29422 Whitley Collins Drive, Palos Verdes, CA 90275 (US).
- (74) **CRISS, Roger, H.** et al. / etc.; Honeywell International Inc., 101 Columbia Avenue, P.O. Box 2245, Morristown, NJ 07960 (US).
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
-
- (51)⁷ **H02J 7/00**
- (11) **WO 01/73917** (13) A1
- (21) PCT/DE01/00551
- (22) **14 Feb/fév 2001 (14.02.2001)**
- (25) de (26) de
- (30) 100 15 398.4 **28 Mar/mar 2000 DE (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ELECTRIC DEVICE
- APPAREIL ELECTRIQUE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70442 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FIEBIG, Arnim** [DE/DE]; Talstrasse 30, 70771 Leinfelden-Echterdingen (DE).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H02J 7/00**
- (11) **WO 01/73918** (13) A2
- (21) PCT/IB01/00500
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 09/539,018 **30 Mar/mar 2000 US (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • POWER CIRCUIT WITH DOUBLE CURRENT LIMITING
- CIRCUIT D'ALIMENTATION A DOUBLE LIMITATION DE TENSION
- (71) **ADC TELEDATA COMMUNICATIONS LTD.** [IL/IL]; Ha'Sadnaot Street 10, 46120 Herzliya (IL).
- (72) **RAKOVSKI, Ran**; H'Carmel St. 8, 55900 Ganey-Tikva (IL). **ZILBERBERG, Ofer**; Revadim St. 8, 69278 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H02J 7/04**
- (11) **WO 01/73919** (13) A1
- (21) PCT/US01/09586
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 60/192,214 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR OPTIMAL BATTERY USAGE IN ELECTRIC AND HYBRID VEHICLES
- SYSTEME ET PROCEDE D'UTILISATION OPTIMALE DE LA BATTERIE DANS DES VEHICULES ELECTRIQUES ET HYBRIDES
- (71) **HONEYWELL INTERNATIONAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).
- (72) **PALANISAMY, Thirumalai, G.**; 14 Canterbury Way, Morristown, NJ 07960 (US).
- (74) **YEADON, Loria, B.** et al. / etc.; Honeywell International Inc., 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H02J 9/00**
- (11) **WO 01/73920** (13) A2
- (21) PCT/US01/40027
- (22) **5 Feb/fév 2001 (05.02.2001)**
- (25) en (26) en
- (30) 09/537,974 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR COMMUNICATIONS IN UNINTERRUPTIBLE POWER SUPPLY SYSTEMS USING CONTROLLER AREA NETWORKS
- PROCEDES, SYSTEMES ET PROGRAMMES INFORMATIQUES DE COMMUNICATION POUR ALIMENTATION DE SECOURS A RESEAU CAN
- (71) **POWERWARE CORPORATION** [US/US]; 3201 Spring Forest Road, Raleigh, NC 27616 (US).
- (72) **HALL, Richard, A.**; 304 Mockingbird Lane, Wake Forest, NC 27587 (US). **TASSITINO, Frederick, E., Jr.**; 2336 Welsh Tavern Way, Wake Forest, NC 27587 (US). **CHAVEZ, Miguel, E.**; 10921 Bridle Lane, Raleigh, NC 27614 (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ **H02J 9/00**

(11) **WO 01/73921** (13) A2

(21) PCT/US01/09722

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/537,421 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD AND APPARATUS FOR COORDINATING UNINTERRUPTIBLE POWER SUPPLY MODULES TO PROVIDE SCALABLE, REDUNDANT POWER

● PROCEDE ET APPAREIL PERMETTANT DE COORDONNER DES MODULES D'ALIMENTATION EN ELECTRICITE SANS COUPURE AFIN DE FOURNIR UNE ALIMENTATION ECHELONNABLE ET REDONDANTE

(71) **POWERWARE CORPORATION** [US/US]; 8609 Six Forks Road, Raleigh, NC 27615 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAUFENBERG, Derek** [US/US]; 1512 North 69th, Wauwatosa, WI 53213 (US). **JUNGWIRTH, Peter** [US/US]; 3310 44th Street South, Wisconsin Rapids, WI 54494 (US). **WADE, Joseph** [US/US]; W1509 County Road AE, Mindoro, WI 54644 (US).

(74) **MAKEEVER, Jeffery**; Leydig, Voit & Mayer, Ltd., 6815 Weaver Road, Suite 300, Rockford, IL 61114-8018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H02K 9/20**

(11) **WO 01/73922** (13) A2

(21) PCT/IL01/00283

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/535,542 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● IMPROVED INDUCTOR-TYPE AC POWER GENERATOR

● AMELIORATION APPORTEE A UN GENERATEUR DE COURANT ALTERNATIF DE TYPE INDUCTEUR

(71) **S.H.R. LIMITED BVI** [GB/GB]; c/o Col-mobil Ltd., 38 Ha-Masger Street, 67211 Tel Aviv (IL).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RADOVSKY, Alexander** [IL/IL]; 42 A Eder Street, 34752 Haifa (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H02K 15/02, 1/12, 33/16**

(11) **WO 01/73923** (13) A2

(21) PCT/BR01/00032

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) PI 0002187-3 **30 Mar/mar 2000 BR (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A PROCESS FOR FORMING AN ANNU-LAR STACK OF METALLIC LAMINATIONS FOR THE STATOR OF A LINEAR MOTOR AND AN ANNULAR STACK OF METALLIC LAMINATIONS

● PILE ANNULAIRE DE LAMELLES METALLIQUES POUR LE STATOR D'UN MOTEUR LINEAIRE ET PROCEDE PERMETTANT DE FORMER CETTE PILE ANNULAIRE DE LAMELLES METALLIQUES

(71) **EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO** [BR/BR]; Rua Rui Barbosa, 1020, CEP-89219-901 Joinville, SC (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LILIE, Dietmar, Erich, Bernhard** [BR/BR]; Rua Orestes Guimarães, 904, CEP-89204-060 Joinville, SC (BR). **BERWANGER, Egidio** [BR/BR]; Estrada Blumenau, Km 15, CEP-89237-001 Joinville, SC (BR). **PUFF, Rinaldo** [BR/BR]; Rua Jaó, 280, CEP-89220-160 Joinville, SC (BR).

(74) **ARNAUD, Antonio, M., P.** et al. / etc.; Rua José Bonifácio, 93, 7th floor, CEP-01003-901 São Paulo, SP (BR).

(81) AE AG AL AU BA BB BG BZ CA CN CO 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 NO NZ PL RO SG SI SK TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H02K 15/02, 1/16**

(11) **WO 01/73924** (13) A2

(21) PCT/BR01/00033

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) en (26) en

(30) PI 0002188-1 **30 Mar/mar 2000 BR (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A PROCESS FOR FORMING THE STACK OF METALLIC LAMINATIONS FOR THE STATOR OF AN ELECTRIC MOTOR AND THE STACK OF METALLIC LAMINATIONS

● PROCEDE POUR FORMER UNE PILE DE LAMELLES METALLIQUES DESTINEES AU STATOR D'UN MOTEUR ELECTRIQUE ET PILE DE LAMELLES METALLIQUES

(71) **EMPRESA BRASILEIRA DE COMPRESSORES S.A. - EMBRACO** [BR/BR]; Rua Rui Barbosa, 1020, CEP-89219-901 Joinville, SC (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAMIREZ, Rívio, Arturo** [BR/BR]; Rua Jacob Eisenhut, 400, Apt. 1102, CEP-89203-070 Joinville, SC (BR).

(74) **ARNAUD, Antonio, M., P.** et al. / etc.; Rua José Bonifácio, 93 - 7th floor, CEP-01003-901 São Paulo, SP (BR).

(81) AE AG AL AU BA BB BG BZ CA CN CO 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 NO NZ PL RO SG SI SK TT UA US UZ VN YU ZA.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H02K 19/06, H02M 7/00**

(11) **WO 01/73925** (13) A1

(21) PCT/KR01/00497

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ko (26) en

(30) 2000-16211 **29 Mar/mar 2000 KR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MAGNETIC CIRCUIT USING SWITCHING

● CIRCUIT MAGNETIQUE UTILISANT LA COMMUTATION

(71) **ENERTEC KOREA CO., LTD** [KR/KR]; 301 Dongyang Bldg., 80-14 Yangjae-dong, Seocho-gu, Seoul 137-130 (KR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAE, Youn, Soo** [KR/KR]; 170-57 Yuljun-dong, Jangan-gu, Suwon, Kyunggi-do 440-829 (KR).

(74) **YOON, Eui, Seoup**; Yoones & Co, 302 Namdo Bldg., 823-24 Yoksam-dong, Kangnam-gu, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H02K 23/66**

(11) **WO 01/73926** (13) A1

(21) PCT/DE01/00986

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) de (26) de

(30) 100 15 040.3 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ELECTROMOTOR WITH LARGE-SCALE INTEGRATED ELECTRONICS ON THE BRUSH HOLDER
• MOTEUR ELECTRIQUE COMPRENANT UN SYSTEME ELECTRONIQUE A HAUTE INTEGRATION SUR LE PORTE-BALAIS

(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) **HAUSSECKER, Walter** [DE/DE]; Albert-Schneble-Strasse 25, 77830 Buehlertal (DE). **KOTTHAUS, Stefan** [DE/DE]; Hofrebenweg 11, 76547 Sinzheim (DE). **WOLF, Joerg** [DE/DE]; Ruschgraben 63, 76139 Karlsruhe (DE). **MOSKOB, Frank** [DE/DE]; Tullastr. 38, 76131 Karlsruhe (DE). **SOELLNER, Michael** [DE/DE]; Lindenplatz 18, 77839 Lichtenau (DE).

(81) BR JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H02K 41/035**

(11) **WO 01/73927** (13) A2

(21) PCT/US01/09814

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,999 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LINEAR VOICE COIL ACTUATOR WITH COMPENSATING COILS
• ACTIONNEUR LINEAIRE A BOBINE MOBILE A BOBINES DE COMPENSATION

(71) **BEI TECHNOLOGIES, INC.** [US/US]; One Post Street, Suite 2500, San Francisco, CA 94104 (US).

(72) **MIKHAIL, Godkin**; 4414 Exbury Court, San Diego, CA 92130 (US).

(74) **SEKIMURA, Gerald, T.**; Gray Cary Ware & Freidenrich LLP, 400 Hamilton Avenue, Palo Alto, CA 94301-1825 (US).

(81) CN JP.

(84) 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).

(51)⁷ **H02M 3/07**

(11) **WO 01/73928** (13) A2

(21) PCT/IB01/00498

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,948 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND CIRCUIT FOR REDUCED POWER CONSUMPTION IN A CHARGE PUMP CIRCUIT
• PROCEDE ET CIRCUIT POUR REDUIRE LA CONSOMMATION DE COURANT DANS UN CIRCUIT DE POMPAGE DE CHARGE

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(71) **PHILIPS SEMICONDUCTORS INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).
(only for / seulement pour MC)

(72) **BONNOT, Jean-Louis**; Parc Monceau, 212, avenue Georges Pompidou, Batiment A3, F-06220 Golfe Juan (FR).

(74) **FREEDMAN, Gordon**; Freedman & Associates, Suite 350, 117 Centrepointe Drive, Nepean, Ontario K2G 5X3 (CA).

(81) CN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H02M 3/158**

(11) **WO 01/73929** (13) A2

(21) PCT/US01/01955

(22) **18 Jan/jan 2001 (18.01.2001)**

(25) en (26) en

(30) 09/484,600 **18 Jan/jan 2000 US (18.01.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS FOR REDUCING POWER SUPPLY NOISE IN AN INTEGRATED CIRCUIT
• APPAREIL REDUISANT LE BRUIT PROVENANT DE L'ALIMENTATION DANS UN CI

(71) **FORMFACTOR, INC.** [US/US]; 5666 La Ribera Street, Livermore, CA 94550 (US).

(72) **ELDRIDGE, Benjamin, N.**; 651 Sheri Lane, Danville, CA 94526 (US). **MILLER, Charles, A.**; 48881 Semillon Drive, Fremont, CA 94539 (US).

(74) **MERKADEAU, Stuart, L.** et al. / etc.; Formfactor, Inc., 5666 La Ribera Street, Livermore, CA 94550 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU

TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H02M 3/335**

(11) **WO 01/73930** (13) A1

(21) PCT/SE01/00621

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0001055-3 **24 Mar/mar 2000 SE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND ARRANGEMENT FOR CONTROLLING A SYNCHRONOUS RECTIFIER IN A DC/DC CONVERTER
• PROCEDE ET DISPOSITIF DE COMMANDE D'UN REDRESSEUR SYNCHRONISME DANS UN CONVERTISSEUR CC/CC

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).

(72) **ASSOW, Bengt**; Storskiftesvägen 66, S-145 60 Norsborg (SE).

(74) **ERICSSON MICROELECTRONICS AB**; Department for Intellectual Property Rights, S-164 81 Kista (SE).

(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 SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **H02M 3/335**

(11) **WO 01/73931** (13) A1

(21) PCT/US01/09343

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/535,004 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LOSSLES SWITCHING CONVERTER WITH DC TRANSFORMER
• CONVERTISSEUR A COMMUTATION SANS PERTES AVEC TRANSFORMATEUR DE COURANT CONTINU

(71, 72) **CUK, Slobodan** [US/US]; 27682 Gold Dust, Laguna Hills, CA 92653 (US).

(74) **FERNANDEZ, Antonio**; 2933 Motor Avenue, Los Angeles, CA 90064 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW

MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.
(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ H02M 5/27, 5/297

(11) WO 01/73932 (13) A1

(21) PCT/DE01/00928

(22) 12 Mar/mar 2001 (12.03.2001)

(25) de (26) de

(30) 100 14 665.1 24 Mar/mar 2000 DE
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● METHOD FOR PROTECTING A MA-
TRIX CONVERTER AGAINST OVER-
VOLTAGES AND AN ACTIVE OVER-
VOLTAGE DEVICE

● PROCEDE DE PROTECTION D'UN
CONVERTISSEUR DE MATRICE
CONTRE DES SURTENSIONS, ET
DISPOSITIF ACTIF DE PROTECTION
CONTRE LES SURTENSIONS

(71) SIEMENS AKTIENGESELLSCHAFT
[DE/DE]; Wittelsbacherplatz 2, 80333
München (DE).

(for all designated States except / pour tous
les États désignés sauf US)

(72, 75) BRUCKMANN, Manfred [DE/DE];
Am Bachlein 3, 90475 Nürnberg (DE). SI-
MON, Olaf [DE/DE]; Barth-Blendinger-Str.
1, 91056 Erlangen (DE).

(74) SIEMENS AKTIENGESELLSCHAFT;
Postfach 22 16 34, 80506 München (DE).

(81) CN US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ H02M 7/12

(11) WO 01/73933 (13) A1

(21) PCT/JP01/01952

(22) 13 Mar/mar 2001 (13.03.2001)

(25) ja (26) ja

(30) 2000-86329 27 Mar/mar 2000 JP
(27.03.2000)

(30) 2000-99671 31 Mar/mar 2000 JP
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SINGLE-PHASE CONVERTER, CON-
VERTER AND REFRIGERATION CY-
CLE DEVICE

● CONVERTISSEUR A UNE SEULE
PHASE, CONVERTISSEUR ET DISPO-
SITIF POUR CYCLE DE REFRIGERA-
TION

(71) MITSUBISHI DENKI KABUSHIKI
KAISHA [JP/JP]; 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP).

(72) AMANO, Katsuyuki; c/o Mitsubishi Denki
Kabushiki Kaisha, 2-3, Marunouchi 2-chome,
Chiyoda-ku, Tokyo 100-8310 (JP). SAITOU,
Katsuhiko; c/o Mitsubishi Denki Kabushiki

Kaisha, 2-3, Marunouchi 2-chome, Chiy-
oda-ku, Tokyo 100-8310 (JP). SAKAMOTO,
Hirotaka; c/o Mitsubishi Denki Kabushiki
Kaisha, 2-3, Marunouchi 2-chome, Chiy-
oda-ku, Tokyo 100-8310 (JP).

(74) SAKAI, Hiroaki; Tokyo Club Building, 2-6,
Kasumigaseki 3-chome, Chiyoda-ku, Tokyo
100-0013 (JP).

(81) CN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ H02N 1/00

(11) WO 01/73934 (13) A2

(21) PCT/US01/09462

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/192,097 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MULTI-LAYER, SELF-ALIGNED VER-
TICAL COMB-DRIVE ELECTRO-
STATIC ACTUATORS AND FABRI-
CATION METHODS

● ACTIONNEURS VERTICAUX MULTI-
COUCHES AUTO-ALIGNES ET ELEC-
TROSTATIQUES A COMMANDE EN
PEIGNE, ET PROCEDES DE FABRICA-
TION

(71) ONIX MICROSYSTEMS, INC. [US/US];
4138 Lakeside Drive, Richmond, CA 94806
(US).

(72) BEHIN, Behrang; 2427 Hilgard Avenue
#23, Berkeley, CA 94709 (US). PANNU,
Satinderpall, S.; 1622 Berkeley Way, Apt.
#1, Berkeley, CA 94707 (US).

(74) RITCHIE, David, B. et al. / etc.; Thelen
Reid & Priest, LLP, P.O. Box 640640, San
Jose, CA 95164-0640 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ H02N 1/00, G02B 26/00

(11) WO 01/73935 (13) A2

(21) PCT/US01/09553

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,856 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● OPTICAL SWITCH EMPLOYING BI-
ASED ROTATABLE COMB DRIVE
DEVICES AND METHODS

● COMMUTATEUR OPTIQUE UTILI-
SANT DES PROCEDES ET DISPOSI-
TIFS D'ENTRAINEMENT A PEIGNE
ROTATIF POLARISE

(71) ONIX MICROSYSTEMS, INC. [US/US];
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(72) BEHIN, Behrang; 2427 Hilgard Avenue
#23, Berkeley, CA 94707 (US). PANNU,
Satinderpall, S.; 1622 Berkeley Way, Apt.
#1, Berkeley, CA 94707 (US).

(74) RITCHIE, David, B. et al. / etc.; Thelen
Reid & Priest, LLP, P.O. Box 640640, San
Jose, CA 95164-0640 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ H02N 1/00, G02B 26/00

(11) WO 01/73936 (13) A2

(21) PCT/US01/09554

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/191,856 24 Mar/mar 2000 US
(24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● BIASED ROTATABLE COMBDRIVE
DEVICES AND METHODS

● PROCEDES ET DISPOSITIFS D'EN-
TRAINEMENT A PEIGNE ROTATIF
POLARISE

(71) ONIX MICROSYSTEMS, INC. [US/US];
4138 Lakeside Drive, Richmond, CA 94806
(US).

(72) BEHIN, Behrang; 2427 Hilgard Avenue
#23, Berkeley, CA 94707 (US). PANNU,
Satinderpall, S.; 1622 Berkeley Way #1,
Berkeley, CA 94707 (US).

(74) RITCHIE, David, B. et al. / etc.; Thelen
Reid & Priest, LLP, P.O. Box 640640, San
Jose, CA 95164-0640 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE 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 GW ML MR
NE SN TD TG).

(51)⁷ H02N 1/00, G02B 26/00

(11) WO 01/73937 (13) A2

(21) PCT/US01/09611

(22) 22 Mar/mar 2001 (22.03.2001)

(25) en (26) en

(30) 60/191,987 24 Mar/mar 2000 US
(24.03.2000)

- (30) 60/191,856 **24 Mar/mar 2000** US
(24.03.2000)
- (30) 60/191,097 **24 Mar/mar 2000** US
(24.03.2000)
- (30) 09/751,660 **28 Dec/déc 2000** US
(28.12.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TWO-DIMENSIONAL GIMBALED SCANNING ACTUATOR WITH VERTICAL ELECTROSTATIC COMB-DRIVE FOR ACTUATION AND/OR SENSING
• ACTIONNEUR DE BALAYAGE BIDIMENSIONNEL A CARDAN DOTE DE XXX VERTICAL ELECTROSTATIQUE PERMETTANT L'ACTIVATION ET/OU LA DETECTION
- (71) **ONIX MICROSYSTEMS, INC.** [US/US]; 4138 Lakeside Drive, Richmond, CA 94806 (US).
- (72) **BEHIN, Behrang**; 2427 Hilgard Avenue, Apt. 23, Berkeley, CA 94709 (US). **LAM, Kam, Y.**; 5204 Blackhawk Drive, Danville, CA 94506 (US). **KIANG, Meng-Hsiung**; 1807 Spruce Street, Berkeley, CA 94709 (US). **DANEMAN, Michael, J.**; 443 Gateway Drive, Pacifica, CA 94044 (US). **PANNU, Satinderpall, S.**; Apartment 1, 1622 Berkeley Way, Berkeley, CA 94707 (US).
- (74) **RITCHIE, David, B.** et al. / etc.; Thelen Reid & Priest LLP, P.O. Box 640640, San Jose, CA 95164-0640 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H02P 1/18**
- (11) **WO 01/73938** (13) A1
- (21) PCT/US01/09986
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/193,012 **29 Mar/mar 2000** US
(29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR INDUCTANCE BASED POSITION ENCODING FOR SENSORLESS SRM DRIVES
• SYSTEME ET PROCEDE PERMETTANT DE CODER UNE POSITION EN FONCTION DE L'INDUCTANCE POUR DISPOSITIFS D'ENTRAINEMENT SRM SANS CAPTEUR
- (71) **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; 3369 Tamu, College Station, TX 77843-3369 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71) **GOPALAKRISHNAN, Suresh** [IN/US]; 4594 15 Mile Road, Apt. 204, Sterling Heights, MI 48310 (US).
- (72, 75) **EHSANI, Mehrdad** [US/US]; 4400 Carter Creek #101, Bryan, TX 77802 (US).
- (74) **CHUEY, Mark, D.** et al. / etc.; Brooks & Kushman, 1000 Town Center, Twenty-Second floor, Southfield, MI 48075 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H02P 7/74, D06F 37/30**
- (11) **WO 01/73939** (13) A1
- (21) PCT/GB01/00768
- (22) **23 Feb/fév 2001 (23.02.2001)**
- (25) en (26) en
- (30) 0007445.0 **29 Mar/mar 2000** GB
(29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MOTOR CONTROL FOR TWO MOTORS
• COMMANDE DE DEUX MOTEURS
- (71) **DYSON LIMITED** [GB/GB]; Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **RAIMONDI, Giovanni, Mario** [IT/GB]; 109 Hargrave Road, Solihull Lodge, Solihull B90 1HL (GB).
- (74) **SMITH, Gillian, R.** et al. / etc.; Intellectual Property Department, Dyson Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H03F**
- (11) **WO 01/73940** (13) A2
- (21) PCT/DE01/01093
- (22) **16 Mar/mar 2001 (16.03.2001)**
- (25) de (26) de
- (30) 100 15 699.1 **27 Mar/mar 2000** DE
(27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CIRCUIT ARRANGEMENT FOR IMPEDANCE COMPENSATION
- CIRCUIT POUR COMPENSATION D'IMPEDANCE
- (71) **FORSCHUNGS- UND APPLIKATIONSLABOR PLASMATECHNIK GMBH DRESDEN** [DE/DE]; Gostritzer Str. 61-63, 01217 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **STEPHAN, Ulf** [DE/DE]; Regerstr. 32, 01309 Dresden (DE). **KUSKE, Jürgen** [DE/DE]; Finsterwalder Str. 41, 01239 Dresden (DE). **SCHADE, Klaus** [DE/DE]; Am Storchhübel 13, 01468 Moritzburg (DE).
- (74) **PFENNING, MEINIG & PARTNER GBR**; Gostritzer Strasse 61-63, 01217 Dresden (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 **H03F**
- (11) **WO 01/73941** (13) A2
- (21) PCT/EP01/02615
- (22) **7 Mar/mar 2001 (07.03.2001)**
- (25) en (26) en
- (30) 09/536,946 **28 Mar/mar 2000** US
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DYNAMIC BIAS BOOSTING CIRCUIT FOR A POWER AMPLIFIER
• CIRCUIT DYNAMIQUE D'AMPLIFICATION DE LA POLARISATION POUR AMPLIFICATEUR DE PUISSANCE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **SOWLATI, Tirdad**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **LUO, Sifen**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DUIJVESTIJN, Adrianus, J.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H03F 1/00**
- (11) **WO 01/73942** (13) A2
- (21) PCT/US01/10487
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 60/192,515 **28 Mar/mar 2000** US
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CONCURRENT MULTI-BAND LOW NOISE AMPLIFIER ARCHITECTURE
• ARCHITECTURE D'AMPLIFICATEUR A FAIBLE BRUIT MULTIBANDE CONCURRENT
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).

(72) **HASHEMI, Hossein**; 434 S. Catalina Avenue, #106, Pasadena, CA 91106 (US). **SEYED-ALI, Hajimiri**; 686 S. Arroyo Parkway, #33, Pasadena, CA 91105 (US).

(74) **POPLAWSKI, Edward, G.** et al. / etc.; Sidley & Austin, 555 West Fifth Street, Los Angeles, CA 90013-1010 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H03F 3/45**

(11) **WO 01/73943** (13) A1

(21) PCT/DE01/01234

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) de (26) de

(30) 100 16 445.5 **29 Mar/mar 2000 DE (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ELECTRONIC OUTPUT MODULE

● ETAGE DE SORTIE ELECTRONIQUE

(71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHROEDINGER, Karl** [DE/DE]; Setheweg 12, 14089 Berlin (DE). **STIMMA, Jaro** [DE/DE]; Sigmund-Bergmann-Str. 6, 13587 Berlin (DE).

(74) **MÜLLER, Wolfram, H.**; Maikowski & Ninnemann, Kurfürstendamm 54-55, 10707 Berlin (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).

Published / Publiée : (c)

(51)⁷ **H03F 3/45**

(11) **WO 01/73944** (13) A1

(21) PCT/SG00/00044

(22) **31 Mar/mar 2000 (31.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● BIPOLAR INPUT STAGE CIRCUIT

● CIRCUIT A ETAGE D'ENTREE BIPOLAIRE

(71) **STMICROELECTRONICS ASIA PACIFIC PTE LTD** [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOH, Gee, Heng** [SG/SG]; 66C Florence Road, Singapore 549546 (SG). **CHUA, Loo, Kah** [SG/SG]; Block 40 St. Patrick's

Road, #03-02, Singapore 424163 (SG). **PADALA, Mallikarjuna, Rao** [IN/SG]; Block 562 Ang Mo Kio Avenue 3, #02-3497, Singapore 569562 (SG).

(74) **DONALDSON & BURKINSHAW**; P.O. Box 3667, Singapore 905667 (SG).

(81) JP SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(51)⁷ **H03G 3/20**

(11) **WO 01/73945** (13) A1

(21) PCT/JP01/02728

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-098515 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● GAIN CONTROL DEVICE

● DISPOSITIF DE COMMANDE DE GAIN

(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) **KAJITA, Kuniyuki** [JP/JP]; 7-3-11-205, Kamariyahigashi, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0042 (JP).

(74) **WASHIDA, Kimihito**; 5th Floor, Shin-toshicenter 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 CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H03H 7/25**

(11) **WO 01/73946** (13) A1

(21) PCT/DE01/00882

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) de (26) de

(30) 100 15 315.1 **28 Mar/mar 2000 DE (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ANTENNA AMPLIFIER

● AMPLIFICATEUR D'ANTENNE

(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) **RADDANT, Hans-Joachim** [DE/DE]; Angerburger Allee 41, 14055 Berlin (DE). **SCHULTZE, Ralf** [DE/DE]; Ketziner Weg 9B, 13589 Berlin (DE).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H03H 17/06, 17/02**

(11) **WO 01/73947** (13) A1

(21) PCT/SE01/00493

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 0001079-3 **27 Mar/mar 2000 SE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SAMPLE RATE CONVERSION METHOD AND APPARATUS

● PROCEDE ET APPAREIL DE CONVERSION DE LA CADENCE D'ECHANTILLONNAGE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **HELLBERG, Richard**; Forellvägen 14, 3tr, S-141 47 Huddinge (SE).

(74) **HEDBERG, Åke** et al. / etc.; Aros Patent AB, P.O. Box 1544, S-751 45 Uppsala (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **H03K 17/08, H02M 1/08, G05F 1/613**

(11) **WO 01/73948** (13) A1

(21) PCT/SE01/00620

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 0001054-6 **24 Mar/mar 2000 SE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A ZERO-VOLTAGE-SWITCH SNUBBER CIRCUIT

● CIRCUIT D'AMORTISSEMENT A INTERRUPTEUR A TENSION NULLE

(71) **EMERSON ENERGY SYSTEMS AB** [SE/SE]; S-141 82 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALD, Roland** [SE/SE]; Eksättravägen 514, S-127 38 Skärholmen (SE). **BÄCKMAN, Nils** [SE/SE]; Lundagatan 44 C, 0057, S-117 27 Stockholm (SE).

(74) **NILSSON, Erik** et al. / etc.; Albihs Stockholm AB, P.O. Box 5581, S-114 85 Stockholm (SE).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H03K 19/094, 19/0175**
- (11) **WO 01/73949** (13) A1
- (21) PCT/US01/07443
- (22) **8 Mar/mar 2001 (08.03.2001)**
- (25) en (26) en
- (30) 09/534,663 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● ELECTRICAL ID CIRCUIT AND METHOD
- CIRCUIT ET PROCEDE D'IDENTIFICATION ELECTRIQUE
- (71) **CYPRESS SEMICONDUCTOR CORP.** [US/US]; 3939 North First Street, Building 3, San Jose, CA 95134-1599 (US).
- (72) **LINDLEY, David, R.;** 205 Winterset Dr., Starkville, MS 39759 (US). **BAKER, William, G.;** 98A Lummus Drive, Starkville, MS 39759 (US). **HUNT, Jeffery, Scott;** Route 2, Box 49U, Ackerman, MS 39735 (US).
- (74) **MAIORANA, Christopher, P.;** Christopher P. Maiorana, P.C., Suite 200, 24025 Greater Mack, St. Clair Shores, MI 48080 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H03M**
- (11) **WO 01/73950** (13) A2
- (21) PCT/DE01/01130
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) de (26) de
- (30) 001 06 642.2 **24 Mar/mar 2000 EP (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DECODER DEVICE
- DISPOSITIF DE DECODAGE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 München (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PREIS, Viktor** [DE/DE]; Wildapfelstrasse 17, 82024 Taufkirchen (DE). **HÄRING, Martin** [DE/DE]; 110 Rosewell Way, San Jose, CA 95138 (US). **SCHNECKENBURGER, Christian** [DE/DE]; Am Ganter 9, 85635 Höhenkirchen (DE).
- (74) **EPPING HERMANN & FISCHER;** Postfach 12 10 26, 80034 München (DE).
- (81) BR CA CN IL IN JP KR MX RU UA US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H03M 1/12**
- (11) **WO 01/73951** (13) A2
- (21) PCT/GB01/01129
- (22) **14 Mar/mar 2001 (14.03.2001)**
- (25) en (26) en
- (30) 0007488.0 **29 Mar/mar 2000 GB (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● ANALOGUE-TO-DIGITAL CONVERSION ARRANGEMENT
- ARRANGEMENT DE NUMERISATION-DENUMERISATION
- (71) **MARCONI CASWELL LIMITED** [GB/GB]; One Bruton Street, London W1J 6AQ (GB).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **GRIFFIN, Robert, Anthony** [GB/GB]; 4 Kensington Close, Towcester, Northants NN12 6JL (GB).
- (74) **TOLFREE, Roger, Keith;** Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CM1 2QX (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H03M 13/37**
- (11) **WO 01/73952** (13) A1
- (21) PCT/JP01/02522
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) ja (26) ja
- (30) 2000-86831 **27 Mar/mar 2000 JP (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● DECODER AND DECODING METHOD
- DECODEUR ET PROCEDE DE DECODAGE
- (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) **FUKUOKA, Toshihiko** [JP/JP]; 15-24, Kiyotaki-nakamachi, Shijonawate-shi, Osaka
- 575-0061 (JP). **SENDA, Hiroyuki** [JP/JP]; 9-21, Takiginishizawa, Kyotanabe-shi, Kyoto 610-0341 (JP).
- (74) **MAEDA, Hiroshi** et al. / etc.; Taihei Bldg., 4-8, Utsubohonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0004 (JP).
- (81) CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04B**
- (11) **WO 01/73953** (13) A2
- (21) PCT/DE01/01134
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) de (26) de
- (30) 00106649.7 **29 Mar/mar 2000 EP (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● RADIO-CONTROLLED HAND-HELD MEASURING DEVICES IN A MASTER-SLAVE OPERATION
- INSTRUMENTS DE MESURE MANUELS COMMANDES PAR RADIO EN MODE MAITRE/ESCLAVE
- (71) **WITTIG TEST TECHNOLOGY GMBH** [DE/DE]; Otto-Lilienthal-Strasse 36, 71034 Böblingen (DE).
- (for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **WITTIG, Thomas, Marcus** [DE/DE]; Triberger Strasse 8, 71034 Böblingen (DE). **WITTIG, Erich** [DE/DE]; Triberger Strasse 8, 71034 Böblingen (DE).
- (74) **KOHLER SCHMID + PARTNER;** Ruppmanstrasse 27, 70565 Stuttgart (DE).
- (81) AE AG 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 MA MD MG MN MW MX MZ NO NZ PL RU SD SG SK SL TJ TM TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04B**
- (11) **WO 01/73954** (13) A2
- (21) PCT/US01/10734
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/193,061 **29 Mar/mar 2000 US (29.03.2000)**
- (30) 09/821,841 **28 Mar/mar 2001 US (28.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● ASYMMETRIC DIGITAL SUBSCRIBER LINE METHODS SUITABLE FOR LONG SUBSCRIBER LOOPS
- PROCEDES DE RACCORDEMENT NUMERIQUE ASYMETRIQUE ADAPTES A DES LIGNES D'ABONNES LONGUES
- (63) US 193.061 (CON)
- US 29 Mar/mar 2000 (29.03.2000)
- US Not furnished / non communiqué (CON)
- US 28 Mar/mar 2001 (28.03.2001)

(71) **SYMMETRICOM, INC.** [US/US]; 2300 Orchard Parkway, San Jose, CA 95131-1017 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHENOI, Kishan** [US/US]; 20655 Verde Vista Lane, Saratoga, CA 95070-4826 (US). **SQUADRITO, Sandro** [PE/US]; 6161 Camino Verde, Bldg. L. #8, San Jose, CA 95119 (US). **BOGARDUS, Gary** [US/US]; 168 Ruby Avenue, San Carlos, CA 94070 (US).

(74) **BRUCKNER, John, J.**; Fulbright & Jaworski L.L.P., Suite 2400, 600 Congress Avenue, Austin, TX 78701 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B**

(11) **WO 01/73955** (13) A2

(21) PCT/US01/08700

(22) **19 Mar/mar 2001 (19.03.2001)**

(25) en (26) en

(30) 60/192,494 **28 Mar/mar 2000 US (28.03.2000)**

(30) 09/679,590 **4 Oct/oct 2000 US (04.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM FOR ACCESS TO DIRECT BROADCAST SATELLITE SERVICES
● SYSTEME D'ACCES AUX SERVICES PAR SATELLITE DE RADIODIFFUSION DIRECTE

(71) **LOCKHEED MARTIN CORPORATION** [US/US]; 6801 Rockledge Drive, Bethesda, MD 20817-1836 (US).

(72) **LINTON, Jeb, R.**; 8235 Depot Place, Manassas, VA 20112 (US).

(74) **MARSH, Thomas, R.**; Marsh Fischmann & Breyfogle, LLP, Suite 411, 3151 South Vaughn Way, Aurora, CO 80014 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/00**

(11) **WO 01/73956** (13) A2

(21) PCT/US01/09035

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/538,851 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● APPARATUS AND METHODS FOR SELECTIVE INTERFERENCE MITIGATION
● APPAREIL ET PROCEDE D'ATTENUATION SELECTIVE DES PARASITES

(71) **TELEFONAKTIEBOLAGET L.M. ERICSSON (PUBL)** [SE/SE]; S-164 80 Stockholm (SE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROWN, Thomas, A.** [US/US]; 1597 Hawkins Mill Road, Lynchburg, VA 24052 (US).

(74) **MEEKS, Robert, M.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/00**

(11) **WO 01/73957** (13) A2

(21) PCT/US01/09615

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,774 **24 Mar/mar 2000 US (24.03.2000)**

(30) 60/225,134 **14 Aug/août 2000 US (14.08.2000)**

(30) 60/238,673 **6 Oct/oct 2000 US (06.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● BATTERY-OPERATED WIRELESS-COMMUNICATION APPARATUS AND METHOD
● APPAREIL DE COMMUNICATION SANS FIL A PILES ET PROCEDE ASSOCIE

(71) **CYMBET CORPORATION** [US/US]; 18326 Joplin St. NW, Elk River, MN 55330 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **JACOBS, Harlan, Theodore** [US/US]; 2380 West Lake of the Isles Parkway, Minneapolis, MN 55405-2330 (US). **JENSON, Mark, Lynn** [US/US]; 33311 Dolphin Street N.W., Princeton, MN 55371 (US). **KLAASSEN, Jody, Jon** [US/US]; 4920

Clinton Avenue South, Minneapolis, MN 55409 (US). **YAN, Jenn-Feng** [—/US]; 14349 Timber Crest Ct., Maple Grove, MN 55311 (US).

(74) **MCCRACKIN, Ann, M.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/06, H04L 27/08**

(11) **WO 01/73958** (13) A1

(21) PCT/US01/10488

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/538,606 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● LOW POWER AND HIGH LINEARITY RECEIVERS WITH REACTIVELY BIASED FRONT ENDS
● RECEPTIONS A FAIBLE CONSOMMATION D'ENERGIE ET HAUTE LINEARITE COMPORTANT DES FRONTAUX POLARISES REACTIVEMENT

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **WIECK, Christopher, P.**; 12230 Briar Knoll Way, San Diego, CA 92128 (US).

(74) **JOHNSON, Doyle, B.**; Crosby, Heafey, Roach & May, Two Embarcadero Center, Suite 2000, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/38, H04Q 7/20**

(11) **WO 01/73959** (13) A1

(21) PCT/US01/09656

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/535,280 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● ENERGY CONSERVING NETWORK PROTOCOL

- PROTOCOLE DE RESEAU ECONOMI-SANT L'ENERGIE
- (71) **GTE SERVICE CORPORATION** [US/US]; 600 Hidden Ridge Drive, Irving, TX 75038 (US).
- (72) **REDI, Jason, K.**; 402 Highland Avenue #30, Somerville, MA 02144 (US).
- (74) **SUCHYTA, Leonard, C.**; c/o Christian R. Andersen, 600 Hidden Ridge Drive, Mailcode HQE03H01, Irving, TX 75038 (US).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04B 1/38**
- (11) **WO 01/73960** (13) A1
- (21) PCT/US01/09871
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/538,364 **29 Mar/mar 2000** US (29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • EMERGENCY PHONE WITH SINGLE-BUTTON ACTIVATION
• TELEPHONE D'ALARME A TOUCHE UNIQUE
- (71) **AMERICAN SECURE CARE, LLC** [US/US]; 109 David Lane, Knoxville, TN 37922 (US).
- (72) **BOLING, Brian, M.**; 2404 Keller Bend Road, Knoxville, TN 37922 (US). **BERNSTEIN, Michael, C.**; 236 Treyburn, Knoxville, TN 37922 (US). **NATALE, Nicholas, A.**; 8819 Lennox View Way, Knoxville, TN 37923 (US).
- (74) **CROCKETT, Mark, P.**; Luedeka, Neely & Graham, P.C., P.O. Box 1871, Knoxville, TN 37901 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04B 1/40, 10/00**
- (11) **WO 01/73962** (13) A1
- (21) PCT/US01/08567
- (22) **15 Mar/mar 2001 (15.03.2001)**
- (25) en (26) en
- (30) 09/534,880 **24 Mar/mar 2000** US (24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • INFRARED COMMUNICATION SCHEME WITH ELECTRICAL INTERFACE FOR EMBEDDED SYSTEMS
• PLAN DE TRANSMISSION INFRA-ROUGE AVEC INTERFACE ELECTRIQUE POUR SYSTEMES INTEGRES
- (71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East, Los Angeles, CA 90067-2199 (US).
- (72) **NELSON, Shannon, M.**; 5122 North Natoma Avenue, Chicago, IL 60656 (US). **COLLAR, Stuart, J.**; 800 W. Vista Drive, Algonquin, IL 60102 (US). **HISCHKE, Mark, D.**; 4 Walnut Avenue, Algonquin, IL 60102 (US).
- (74) **ANDERSON, Terry, J.**; Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, CA 90067-2199 (US) et al. / etc.
- (81) IL.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04B 1/50**
- (11) **WO 01/73963** (13) A1
- (21) PCT/JP01/02800
- (22) **30 Mar/mar 2001 (30.03.2001)**
- (25) ja (26) ja
- (30) 2000-94223 **30 Mar/mar 2000** JP (30.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • WIRELESS COMMUNICATION DEVICE
• DISPOSITIF DE COMMUNICATION SANS FIL
- (71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22-22, Nagaike-cho, Abeno-ku, Osaka-shi, Osaka 545-8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYAGAWA, Tai** [JP/JP]; Midorikan 3-106, 6-14-25, Saijochuo, Higashihiroshima-shi, Hiroshima 739-0025 (JP). **OKABE, Kaoru** [JP/JP]; 4-25-12, Takayatakamigaoka, Higashihiroshima-shi, Hiroshima 739-2115 (JP). **ONODERA, Tetsuo** [JP/JP]; 2-2-19, Shinkashiwa, Kashiwa-shi, Chiba 277-0084 (JP).
- (74) **FUJIMOTO, Eisuke** et al. / etc.; Fujimoto Patent & Law Office, Room 317, Sanno Grand Building 3F, 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (JP).
- (81) AU CN KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04B 1/69**
- (11) **WO 01/73964** (13) A1
- (21) PCT/US01/05899
- (22) **22 Feb/fév 2001 (22.02.2001)**
- (25) en (26) en
- (30) 09/537,130 **29 Mar/mar 2000** US (29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR CALL RECOVERY AFTER A POWER CUT FOR A CDMA CELLULAR PHONE
• PROCEDE ET SYSTEME DE RECUPERATION D'UN APPEL POUR UN TELEPHONE CELLULAIRE AMCR APRES LA SURVENUE D'UNE COUPURE DE COURANT
- (71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **STORM, Brian**; 2725 Mallard Lane, Round Lake Beach, IL 60073 (US). **STEELE, Scott, A.**; 557 Madison Lane, Lindenhurst, IL 60046 (US). **JACOBSON, Jeremy**; 832 Bennington Drive, Crystal Lake, IL 60014 (US). **KOSS, Richard**; 1415 W. Wynona Drive, Oak Creek, WI 53154 (US). **ALBERTH, William, P., Jr.**; 1471 Woodcreek Circle, Crystal Lake, IL 60014 (US). **BAHADORI, Sabrina**; Apt. 21D, 1150 North Lakeshore Drive, Chicago, IL 60611 (US).
- (74) **WATANABE, H., David** et al. / etc.; Motorola Inc., Intellectual Property Dept., 600

North U.S. Highway 45, Libertyville, IL 60048 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/69**

(11) **WO 01/73965** (13) A2

(21) PCT/US01/09948

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 09/537,692 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS, SYSTEM AND METHOD FOR FLIP MODULATION IN AN IMPULSE RADIO COMMUNICATIONS SYSTEM

• APPAREILS, SYSTEMES ET PROCÉDES D'ÉMISSION ET RÉCEPTION DE SIGNAUX RADIO A MODULATION PAR INVERSION POUR SYSTÈME DE COMMUNICATION RADIO PAR IMPULSIONS

(71) **TIME DOMAIN CORPORATION** [US/US]; Cummings Research Park, 7057 Old Madison Pike, Huntsville, AL 35806 (US).

(72) **FULLERTON, Larry, W.**; 120 Wimbeldon Road, Brownsboro, AL 35741 (US). **RICHARDS, James, L.**; 58 Boning Road, Fayetteville, TN 37334 (US). **COWIE, Ivan, A.**; 418 Eastview Drive, Madison, AL 35758 (US). **DICKSON, David, M.**; 95 Indian Creek Road #259, Huntsville, AL 35806 (US). **BRETHOUR, Vernon, R.**; 2950 Hampton Cove Way, Owens Cross Roads, AL 35763 (US). **JETT, Preston**; 1312 Brookmeade Street, Huntsville, AL 35816 (US).

(74) **SOKOHL, Robert, E.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/707, 7/26, 7/02**

(11) **WO 01/73966** (13) A1

(21) PCT/JP01/02459

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-89361 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • WIRELESS RECEIVER AND METHOD OF WIRELESS RECEPTION

• RECEPTEUR SANS FIL ET PROCÉDE DE RÉCEPTION SANS FIL

(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) **TODA, Takashi** [JP/JP]; 4-90, Shinjo, Nonoichi-machi, Ishikawa-gun, Ishikawa 921-8824 (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 CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/707, H04J 13/04**

(11) **WO 01/73967** (13) A1

(21) PCT/JP01/02460

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) ja (26) ja

(30) 2000-089533 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • COMMUNICATION APPARATUS AND COMMUNICATION METHOD

• APPAREIL ET PROCÉDE 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) **YAMANAKA, Ryutaro** [JP/JP]; 1-33-15-201, Kamiooka-higashi, Konan-ku, Yokohama-shi, Kanagawa 233-0001 (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 CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK

SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 1/707**

(11) **WO 01/73968** (13) A1

(21) PCT/US01/09968

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,670 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CDMA SYSTEM WHICH USES PREROTATION BEFORE TRANSMISSION

• SYSTÈME CDMA UTILISANT UNE PREROTATION AVANT LA TRANSMISSION

(71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; Suite 527, 300 Delaware Avenue, Wilmington, DE 19801 (US).

(72) **KAEWELL, John, D.**; 1727 Lafayette Drive, Jamison, PA 18929 (US).

(74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., One Penn Center, Suite 400, 1617 John F. Kennedy Boulevard, Philadelphia, PA 19103 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **H04B 1/74, H04L 1/22**

(11) **WO 01/73969** (13) A1

(21) PCT/DE00/04584

(22) **21 Dec/déc 2000 (21.12.2000)**

(25) de (26) de

(30) 100 14 633.3 **24 Mar/mar 2000 DE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR CHANGING OVER TO AN EQUIVALENT CIRCUIT OF A SUBASSEMBLY UNIT IN DIGITAL SYSTEMS FOR DATA TRANSMISSION AND AN EQUIVALENT CIRCUIT FOR CARRYING OUT SAID METHOD

• PROCÉDE DE PASSAGE A UN RESEAU EQUIVALENT D'UN CHAMP DE SOUS-ENSEMBLES DANS DES SYSTEMES NUMERIQUES DE TRANSMISSION DE DONNEES ET RESEAU EQUIVALENT POUR LA MISE EN OEUVRE DUDIT PROCÉDE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacher Platz 2, 80333 München (DE).

(71, 72) **DREWS, Wolfgang** [DE/DE]; Arnikastrasse 7, 82194 Gröbenzell (DE).

(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) BR CN.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **H04B 7/00**

(11) **WO 01/73970** (13) A2

(21) PCT/EP01/02916

(22) **15 Mar/mar 2001 (15.03.2001)**

(25) en (26) en

(30) 0007337.9 **28 Mar/mar 2000 GB (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • RADIO COMMUNICATION SYSTEM
• SYSTEME DE RADIOCOMMUNICATION

(71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) **MOULSLEY, Timothy, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HUNT, Bernard**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **SCOTT, Kevin, J.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04B 7/00**

(11) **WO 01/73971** (13) A2

(21) PCT/IB01/00495

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/537,049 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A METHOD AND APPARATUS FOR OPTIMIZING THE USAGE OF AN ANTENNA ARRAY BEAMFORMING TECHNIQUE

• PROCEDE ET APPAREIL DESTINES A OPTIMISER L'UTILISATION D'UNE TECHNIQUE DE FORMATION DE FAISCEAUX POUR RESEAU D'ANTENNES

(71) **NOKIA NETWORKS OY** [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) **WANG, Shu-Shaw**; 1803 Longbranch Ct., Arlington, TX 76012 (US). **DERRYBERRY, Thomas, R.**; 2620 Oak Grove Drive, Plano, TX 75074 (US).

(74) **WRIGHT, Bradley, C.** et al. / etc.; Banner & Witcoff, Ltd., Eleventh Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597 (US).

(81) JP KR LC.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04B 7/005, H04L 12/56**

(11) **WO 01/73972** (13) A1

(21) PCT/EP01/03548

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0007853.5 **31 Mar/mar 2000 GB (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A PACKET SCHEDULER AND METHOD

• ORDONNANCEUR DE PAQUETS ET PROCEDE ASSOCIE

(71) **MOTOROLA INC.** [US/US]; 1303 E. Algonquin Road, IL01-3rd Floor, Schaumburg, IL 60196 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILL, Stephen** [GB/GB]; 40 Holloway, Bath BA2 4PU (GB).

(74) **JEPSEN, Rene** et al. / etc.; Motorola European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(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 SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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(51)⁷ **H04B 7/005**

(11) **WO 01/73973** (13) A1

(21) PCT/KR00/01572

(22) **30 Dec/déc 2000 (30.12.2000)**

(25) en (26) en

(30) 60/192,937 **29 Mar/mar 2000 US (29.03.2000)**

(30) 2000/24209 **6 May/mai 2000 KR (06.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING WIRELESS PACKET

• PROCEDE ET APPAREIL DE TRANSMISSION ET DE RECEPTION SANS FIL DE PAQUETS

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th floor, Oakland, CA 94607-5200 (US).

(72) **PARK, Dong-Seek**; Samsung Electronics Co., Ltd., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **PARK, Jeong-Hoon**; Samsung Electronics Co., Ltd., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **LEE, Yung-Lyul**; Apt. 192, 1-704 Geukdong,

Garak-dong, Songpa-gu, Seoul 138-160 (KR). **VILLASENOR, John**; UCLA Engineering, 405 Hilgard Avenue, Los Angeles, CA 90095 (US). **LI, Adam, H.**; UCLA Engineering, 405 Hilgard Avenue, Los Angeles, CA 90095 (US). **TISSERAND, Matthieu**; UCLA Engineering, 405 Hilgard Avenue, Los Angeles, CA 90095 (US).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18 Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AU BR CA CN JP RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04B 7/005**

(11) **WO 01/73974** (13) A1

(21) PCT/KR00/01573

(22) **30 Dec/déc 2000 (30.12.2000)**

(25) en (26) en

(30) 60/192,883 **29 Mar/mar 2000 US (29.03.2000)**

(30) 2000/24210 **6 May/mai 2000 KR (06.05.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING WIRELESS PACKET

• PROCEDE ET DISPOSITIF DESTINES A TRANSMETTRE ET A RECEVOIR DES PAQUETS SANS FIL

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

(72) **PARK, Dong-Seek**; Samsung Electronics Co., Ltd., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **PARK, Jeong-Hoon**; Samsung Electronics Co., Ltd., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **LEE, Yung-Lyul**; 1-704 Geukdong Apt., 192, Garak-dong, Songpa-gu, Seoul 138-160 (KR). **VILLASENOR, John**; UCLA Engineering 405 Hilgard Avenue, Los Angeles, CA 90095 (US). **LI, Adam, H.**; UCLA Engineering 405 Hilgard Avenue, Los Angeles, CA 90095 (US). **TISSERAND, Matthieu**; UCLA Engineering 405 Hilgard Avenue, Los Angeles, CA 90095 (US).

(74) **LEE, Young-Pil**; The Cheonghwa Building, 1571-18, Seocho-dong, Seocho-gu, Seoul 137-874 (KR).

(81) AU BR CA CN JP RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04B 7/005, H03G 3/30, H03F 1/02**

(11) **WO 01/73975** (13) A1

(21) PCT/US01/09911

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/192,528 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/773,857 **1 Feb/fév 2001 US (01.02.2001)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DYNAMIC BIAS FOR RF POWER AMPLIFIERS
• POLARISATION DYNAMIQUE D'AMPLIFICATEURS DE PUISSANCE RF
- (71) **INTERDIGITAL TECHNOLOGY CORPORATION** [US/US]; 300 Delaware Avenue, Suite 527, Wilmington, DE 19801 (US).
- (72) **KAZAKEVICH, Leonid**; 95 Roundtree Drive, Plainview, NY 11803 (US). **CABROL, Patrick**; 93 Ithaca Street, Bay Shore, NY 11706 (US).
- (74) **VOLPE, Anthony, S.** et al. / etc.; Volpe and Koenig, P.C., One Penn Center, Suite 400, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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- (51)⁷ **H04B 7/26**
- (11) **WO 01/73976** (13) A1
- (21) PCT/JP01/02287
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) ja (26) ja
- (30) 2000-89279 **28 Mar/mar 2000 JP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TRANSMISSION POWER CONTROL DEVICE AND TRANSMISSION POWER CONTROL METHOD
• DISPOSITIF ET PROCEDE DE COMMANDE DE PUISSANCE D'EMISSION
- (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) **KANEMOTO, Hideki** [JP/JP]; 6-2-801, Hikari no Oka, Yokosuka-shi, Kanagawa 239-0847 (JP). **KATO, Osamu** [JP/JP]; 5-45-G302, Shonantakatori, Yokosuka-shi, Kanagawa 237-0066 (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 CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).

- (51)⁷ **H04B 7/26**
- (11) **WO 01/73977** (13) A1
- (21) PCT/SE01/00536
- (22) **15 Mar/mar 2001 (15.03.2001)**
- (25) en (26) en
- (30) 09/534,629 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR INCREASING THROUGHPUT AND/OR CAPACITY IN A TDMA SYSTEM
• PROCEDE ET APPAREIL PERMETTANT D'AUGMENTER LE DEBIT ET/OU LA CAPACITE D'UN SYSTEME AMRT
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **LINDOFF, Bengt**; Klarinettgränden 3B, S-224 68 Lund (SE). **MALM, Peter**; Bredgatan 14, S-222 21 Lund (SE).
- (74) **LUNDHOLM-CARLSSON, Lena**; Ericsson Radio Systems AB, Patent Unit Research, S-164 80 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- (51)⁷ **H04B 10/00**
- (11) **WO 01/73978** (13) A2
- (21) PCT/DE01/01308
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) de (26) de
- (30) 100 16 446.3 **29 Mar/mar 2000 DE (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CIRCUIT FOR A LIGHT-SENSITIVE DIODE
• CIRCUIT DESTINE A UNE DIODE PHOTOSENSIBLE
- (71) **INFINEON TECHNOLOGIES AG** [DE/DE]; St.-Martin-Strasse 53, 81669 Munich (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KROPP, Jörg-Reinhardt** [DE/DE]; Zittauer Strasse 60, 12355 Berlin (DE).
- (74) **MÜLLER, Wolfram**; Maikowski & Ninnemann, Kurfürstendamm 54-55, 10707 Berlin (DE).
- (81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

- (51)⁷ **H04B 10/10**
- (11) **WO 01/73979** (13) A1
- (21) PCT/KR01/00388
- (22) **13 Mar/mar 2001 (13.03.2001)**
- (25) ko (26) en
- (30) 2000/0015646 **27 Mar/mar 2000 KR (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • FREE-SPACE OPTICAL WDM COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION OPTIQUE A MULTIPLEXAGE EN LONGUEUR D'ONDE EN ESPACE LIBRE
- (71, 72) **LEE, Jae-Seung** [KR/KR]; 113-1101, Muack Chung-gu Apt., Hongche 4 Dong, Seodaemooon-Gu, Seoul 120-786 (KR).
- (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 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 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 GW ML MR NE SN TD TG).
- (51)⁷ **H04B 10/12**
- (11) **WO 01/73980** (13) A1
- (21) PCT/KR01/00387
- (22) **13 Mar/mar 2001 (13.03.2001)**
- (25) ko (26) en
- (30) 2000/15937 **28 Mar/mar 2000 KR (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DWDM OPTICAL SOURCE WAVELENGTH CONTROL
• REGLAGE DES LONGUEURS D'ONDES DE SOURCES OPTIQUES TRANSMISES EN DWDM
- (71, 72) **LEE, Jae-Seung** [KR/KR]; 113-1101, Muack Chung-gu Apt., Hongche 4 Dong, Seodaemooon-gu, Seoul 120-786 (KR). **SEO, Kyung-Hee** [KR/KR]; 113-1101, Muack Chung-gu Apt., Hongche 4 Dong, Seodaemooon-gu, Seoul 120-786 (KR).
- (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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 10/155**(11) **WO 01/73981** (13) A1

(21) PCT/DE00/04662

(22) **28 Dec/déc 2000 (28.12.2000)**

(25) de (26) de

(30) 100 15 192.2 **27 Mar/mar 2000 DE (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL RZ DATA SIGNAL GENERATOR AND CORRESPONDING METHOD

• GENERATEUR DE SIGNAUX OPTIQUES DE DONNEES RZ ET PROCEDE CORRESPONDANT

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacher Platz 2, 80333 München (DE).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **FÜRST, Cornelius** [DE/DE]; Schäfflarnstrasse 172, 81371 München (DE). **GEIGER, Harald** [DE/DE]; Zugspitzstrasse 3, 82061 Neuried (DE). **MOHS, Georg** [DE/DE]; Hermann-Pünder-Strasse 1, 81739 München (DE).(74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).

(81) CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04B 10/17, 10/08**(11) **WO 01/73982** (13) A1

(21) PCT/GB01/01160

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 0007241.3 **25 Mar/mar 2000 GB (25.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • POWER CONTROLLING NETWORK ELEMENT

• ELEMENT DE RESEAU COMMANDANT LA PUISSANCE

(71) **MARCONI COMMUNICATIONS LIMITED** [GB/GB]; New Century Park, P.O. Box 53, Coventry CV3 1HJ (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **COOK, Paul, Andrew** [GB/GB]; 26 Palmerston Street, Wessywood, Jacksdale, Nottinghamshire NG16 5JA (GB). **OLDERSHAW, Jonathan, David** [GB/GB]; 14 Templeoak Drive, Wollaton, Nottinghamshire NG8 2SE (GB).(74) **COLLIER, Ian, Terry**; Marconi Intellectual Property, Waterhouse Lane, Chelmsford, Essex CMI 2QU (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04B 17/00**(11) **WO 01/73983** (13) A1

(21) PCT/US01/08423

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 09/534,940 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND SYSTEM FOR CHANNEL ESTIMATION USING MULTI-SLOT AVERAGED INTERPOLATION

• PROCEDE ET SYSTEME D'ESTIMATION DE CANAL PAR INTERPOLATION MOYENNE MULTI-FENTES

(71) **CADENCE DESIGN SYSTEMS, INC.** [US/US]; 2655 Seely Avenue, San Jose, CA 95134 (US).(72) **ROE, Sooyeon**; 120 East Remington Drive #312, Sunnyvale, CA 94087 (US). **QARAQ'E, Khalid, A.**; 3665 Benton Street #39, Santa Clara, CA 95051 (US).(74) **CARPENTER, John, W.**; Crosby, Heafey, Roach & May, Two Embarcadero Center, Suite 2000, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04H**(11) **WO 01/73984** (13) A2

(21) PCT/GB01/01403

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 0007646.3 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DIGITAL DATA TRANSMISSION

• TRANSMISSION DE DONNEES NUMERIQUES

(71) **CROWN CASTLE UK LIMITED** [GB/GB]; Warwick Technology Park, Gallow's Hill, Heathcote Lane, Warwick, Warwickshire CV34 6TN (GB).*(for all designated States except / pour tous les États désignés sauf US)*(72, 75) **JORDAN, Mark** [GB/GB]; 8 Tuckwell Close, Stockton, Warwickshire CV47 8JP (GB).(74) **MOUNTENEY, Simon, James**; Marks & Clerk, 57-60 Lincolns Inn Fields, London WC2A 3LS (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04J**(11) **WO 01/73985** (13) A2

(21) PCT/US01/05211

(22) **16 Feb/fév 2001 (16.02.2001)**

(25) en (26) en

(30) 09/535,924 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR A TALKGROUP CALL IN A WIRELESS COMMUNICATION SYSTEM

• PROCEDE ET DISPOSITIF D'APPEL PAR UN GROUPE D'APPEL DANS UN SYSTEME DE RADIOCOMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).(72) **PAN, Shaowei**; 157 W. Harbor Drive, Lake Zurich, IL 60047 (US). **LEI, Peter**; 955 Happfield Drive, Arlington Heights, IL 60004 (US). **XIE, Qiaobing**; Apt. 204, 1509 N. Smith Road, Palatine, IL 60067 (US). **ZHANG, Jinzhong**; 1919 Prairie Square, #132, Schaumburg, IL 60173 (US). **ESCUE, Marilyn, R.**; 164 Larchmont Lane, Bloomington, IL 60108 (US). **WHITNEY, Steve**; 1931 Prairie Square, #213, Schaumburg, IL 60173 (US).(74) **HAAS, Kenneth, 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 CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04J**(11) **WO 01/73986** (13) A2

(21) PCT/US01/05212

(22) **16 Feb/fév 2001 (16.02.2001)**

(25) en (26) en

(30) 09/534,384 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR A TALKGROUP CALL IN A WIRELESS COMMUNICATION SYSTEM

• PROCEDE ET DISPOSITIF D'APPEL PAR UN GROUPE D'APPEL DANS UN SYSTEME DE RADIOCOMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **PAN, Shaowei**; 157 W. Harbor Drive, Lake Zurich, IL 60047 (US). **COMROE, Rich**; 10 Lexington Road, South Barrington, IL 60010 (US). **OLTMAN, Bruce, A.**; 1919 Prairie Square, Apt. 325, Schaumburg, IL 60173 (US). **SILVERMAN, Shmuel**; 581 Indian Spring Lane, Buffalo Grove, IL 60089 (US). **O'BEIRNE, Mark**; 24945 N. Cherokee Drive, Lake Barrington, IL 60010 (US).

(74) **HASS, Kenneth, 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 CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04J 3/00**

(11) **WO 01/73987** (13) A2

(21) PCT/IB01/00501

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/539,262 **30 Mar/mar 2000 US (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTEGRATED ADSL INTERFACE WITH TDM MAPPING
• INTERFACE ADSL INTEGREE A APPLICATION TDM

(71) **ADC TELEDATA COMMUNICATIONS LTD.** [IL/IL]; 10 Ha'Sadnaot Street, 46120 Herzliya (IL).

(72) **KLIPPER, Joshua**; 3A Harav Hachen Hanazir Street, 42369 Netanya (IL). **ROUCHBACH, David**; Charzit 5/1, 42490 Netanya (IL). **DRORI, Nir**; 79 Harav David Israel Street, 75506 Rehovot (IL).

(74) **LUZZATTO, Kfir**; Luzzatto & Luzzatto, P.O. Box 5352, 84152 Beer-Sheva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04J 3/00**

(11) **WO 01/73988** (13) A2

(21) PCT/US01/09723

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/536,416 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TRANSPORT OF ISOCHRONOUS AND BURSTY DATA ON A SONET RING

• TRANSPORT DE DONNEES ISOCHRONES ET PAR RAFALES SUR UN ANNEAU SONET

(63) US 09/536,416 (CON) 28 Mar/mar 2000 (28.03.2000)

(71) **CORIOLIS NETWORKS, INC.** [US/US]; 330 Codman Hill Road, Boxborough, MA 01719 (US).

(for all designated States except / pour tous les États désignés sauf US)

(71) **KOVVALI, Surya, Kumar** [US/US]; 9 Brickyard Lane, Westborough, MA 01581 (US).

(only for / seulement pour US)

(72, 75) **RAGHAVAN, Ramji** [IN/US]; 2112 Stearns Hill Road, Waltham, MA 02451 (US).

(74) **ROHLICEK, J., Robin**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04J 3/17, H04Q 7/38**

(11) **WO 01/73989** (13) A1

(21) PCT/GB01/01353

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 0007655.4 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DIGITAL TRANSMISSION
• TRANSMISSION NUMERIQUE

(71) **SIMOCO INTERNATIONAL LIMITED** [GB/GB]; P.O. Box 24, St. Andrews Road, Cambridge CB4 1DP (GB).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEPHENS, Peter, William** [GB/GB]; 10 St. Catherines, Ely, Cambridge CB6 1AP (GB). **FRAYLING-CORK, Robert**

[GB/GB]; 51 Barkham Road, Wokingham, Berkshire RG41 2RG (GB).

(74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 3EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI 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 MX NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04J 11/00, 13/00, 13/02, 13/04, 13/06**

(11) **WO 01/73990** (13) A1

(21) PCT/JP01/02286

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ja (26) ja

(30) 2000-085915 **27 Mar/mar 2000 JP (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • BASE STATION APPARATUS AND RADIO COMMUNICATION METHOD

• APPAREIL DE STATION DE BASE ET PROCEDE DE RADIOCOMMUNICATION

(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) **KANEMOTO, Hideki** [JP/JP]; 6-2-801, Hikari no Oka, Yokosuka-shi, Kanagawa 239-0847 (JP). **KATO, Osamu** [JP/JP]; 5-45-G302, Shonantakatori, Yokosuka-shi, Kanagawa 237-0066 (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 CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04J 13/00, H04L 12/50**

(11) **WO 01/73991** (13) A1

(21) PCT/FI01/00303

(22) **29 Mar/mar 2001 (29.03.2001)**

- (25) en (26) en
- (30) 20000723 **29 Mar/mar 2000** FI
(**29.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR SWITCHING CONNECTIONS IN FIXED NETWORKS USING THE CDMA-TECHNIQUE
• PROCEDE ET APPAREIL DE COMMUTATION DE CONNEXIONS POUR RESEAUX AMCR FIXES
- (71) **NOKIA NETWORKS OY** [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HIPPELÄINEN, Lassi** [FI/FI]; Kajanuksenkatu 7 A 11, FIN-00250 Helsinki (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ **H04J 13/04, H04B 1/707, H04Q 7/38**
- (11) **WO 01/73992** (13) A1
- (21) PCT/JP00/01862
- (22) **27 Mar/mar 2000 (27.03.2000)**
- (25) ja (26) ja
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MULTIUSER RECEIVER AND COMMUNICATION SYSTEM FOR MULTI-CODE TRANSMISSION
• RECEPTEUR MULTI-UTILISATEUR ET SYSTEME DE COMMUNICATION POUR TRANSMISSION MULTICODE
- (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) **NAKAMURA, Tadashi** [JP/JP]; Fujitsu Limited, 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 (JP).
- (74) **ISHIDA, Takashi** et al. / etc.; A. Aoki, Ishida & Associates, Toranomon 37 Mori Building, Minato-ku, Tokyo 105-8423 (JP).
- (81) CN JP KR US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (51)⁷ **H04J 13/04, H04B 1/707, H04Q 7/38**
- (11) **WO 01/73993** (13) A1
- (21) PCT/JP01/02288
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) ja (26) ja
- (30) 2000-89360 **28 Mar/mar 2000** JP
(**28.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMMUNICATION DEVICE AND COMMUNICATION METHOD
• DISPOSITIF ET PROCEDE 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) **HAGA, Hiroki** [JP/JP]; 6-3-308, Hikari no Oka, Yokosuka-shi, Kanagawa 239-0847 (JP). **HIRAMATSU, Katsuhiko** [JP/JP]; 2-56-14-1212, Kinugasasakae-cho, Yokosuka-shi, Kanagawa 238-0031 (JP).
- (74) **WASHIDA, Kimihito**; 5th Floor, Shin-toshicenter 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 CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04J 14/02**
- (11) **WO 01/73994** (13) A1
- (21) PCT/SE01/00574
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 0001050-4 **24 Mar/mar 2000** SE
(**24.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEVICE AND METHOD FOR OPTICAL ADD/DROP MULTIPLEXING
• DISPOSITIF ET PROCEDE DE MULTIPLEXAGE A INSERTION/EXTRACTION OPTIQUE
- (71) **TELEFONAKTIEBOLAGET L MERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AUGUSTSSON, Torsten** [SE/SE]; Jaktvägen 48, S-194 66 Upplands Väsby (SE).
- (74) **FRITZON, Rolf** et al. / etc.; Kransell & Wennborg AB, Box 27834, S-115 93 Stockholm (SE).
- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD
- MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04J 14/02**
- (11) **WO 01/73995** (13) A1
- (21) PCT/US00/33956
- (22) **14 Dec/déc 2000 (14.12.2000)**
- (25) en (26) en
- (30) 09/538,394 **29 Mar/mar 2000** US
(**29.03.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND SYSTEM FOR PROVIDING MULTIPLE CLASSES OF SERVICES IN DENSE WAVELENGTH DIVISION MULTIPLEXING OPTICAL NETWORKS
• PROCEDE ET SYSTEME SERVANT A FOURNIR PLUSIEURS CLASSES DE SERVICES DANS DES RESEAUX OPTIQUES DENSES DE MULTIPLEXAGE EN LONGUEUR D'ONDE
- (71) **NORTEL NETWORKS LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOMAYOUN, Fereidoun** [CA/US]; 2805 Covey Place, Plano, TX 75093 (US). **FARUQUE, Saleh** [CA/US]; 7617 Tensley Drive, Plano, TX 75025 (US).
- (74) **MCCOMBS, David, L.** et al. / etc.; Haynes & Boone, L.L.P., Suite 3100, 901 Main Street, Dallas, TX 75202-3789 (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 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 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 GW ML MR NE SN TD TG).
-
- (51)⁷ **H04J 14/02, 14/08, H04B 10/00, 10/12, G01B 9/02**
- (11) **WO 01/73996** (13) A1
- (21) PCT/US01/00746
- (22) **9 Jan/jan 2001 (09.01.2001)**
- (25) en (26) en
- (30) 60/192,770 **27 Mar/mar 2000** US
(**27.03.2000**)
- (30) 09/728,271 **1 Dec/déc 2000** US
(**01.12.2000**)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ADJUSTABLE CHROMATIC DISPERSION COMPENSATION

• COMPENSATION AJUSTABLE DE DISPERSION CHROMATIQUE

(71) **CHORUM TECHNOLOGIES L.P.** [US/US]; 1303 E. Arapaho Road, Richardson, TX 75081-2444 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZHOU, Gan** [—/US]; 3332 Neiman Road, Plano, TX 75025 (US). **WU, Kuang-Yi** [—/US]; 1112 Lakeridge Drive, Plano, TX 75075 (US). **CHENG, Chi-Hao** [—/US]; Apartment 326, 7777 MacCallum, Dallas, TX 75252 (US).

(74) **SWARTZ, Douglas, W.** et al. / etc.; Sheridan Ross P.C., Suite 1200, 1560 Broadway, Denver, CO 80202-5141 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04K 1/02**

(11) **WO 01/73997** (13) A1

(21) PCT/US01/09305

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 09/535,154 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR DETECTING PROCESSING STAGES APPLIED TO A SIGNAL

• PROCEDE ET APPAREIL PERMETTANT DE DETECTER DES ETAPES DE TRAITEMENT APPLIQUEES A UN SIGNAL

(71) **VERANCE CORPORATION** [US/US]; Suite 500, 6256 Greenwich Drive, San Diego, CA 92122 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **METOIS, Eric** [FR/US]; 24 Simpson Avenue, Somerville, MA 02144 (US).

PETROVIC, Rade [US/US]; 11416 Cypress Woods Drive, San Diego, CA 92131 (US).

JEMILL, Kanaan [TN/US]; 4485 Vision #10, San Diego, CA 92121 (US).

(74) **LIPSITZ, Barry, R.**; Law Offices of Barry R. Lipsitz, Building No. 8, 755 Main Street, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04L**

(11) **WO 01/73998** (13) A2

(21) PCT/US01/08218

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/537,820 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FAX-TO-EMAIL AND EMAIL-TO-FAX COMMUNICATION SYSTEM AND METHOD

• SYSTEME ET PROCEDE DE COMMUNICATION FAX-COURRIEL ET COURRIEL-FAX

(71) **MONGONET** [US/US]; 990 Columbus Street, Ground Floor, San Francisco, CA 94133-2310 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENRY, Matthew, K.** [US/US]; 3333 Divisadero Street, San Francisco, CA 94123 (US).

(74) **WINTERS, William, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04L 1/00, 25/06, 27/38, 25/03**

(11) **WO 01/73999** (13) A1

(21) PCT/US01/09599

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,902 **24 Mar/mar 2000 US (24.03.2000)**

(30) 60/271,615 **26 Feb/fév 2001 US (26.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DECODING SYSTEM AND METHOD FOR DIGITAL COMMUNICATIONS

• SYSTEME ET PROCEDE DE DECODAGE POUR DES COMMUNICATIONS NUMERIQUES

(71) **ATHEROS COMMUNICATIONS, INC.** [US/US]; 529 Almanor Avenue, Sunnyvale, CA 94085 (US).

(72) **TEHRANI, Ardavan, M.**; Apartment 3, 750 N. Shoreline Boulevard, Mountain View, CA 94043 (US). **GILBERT, Jeffrey, M.**;

825 E. Evelyn Avenue, #215, Sunnyvale, CA 94086 (US). **McFARLAND, William, J.**; 451 Valencia Drive, Los Altos, CA 94022 (US). **THON, Lars, E.**; 4501 Snell Avenue, #2002, San Jose, CA 95126 (US). **WANG, Yi-Hsiu**; 644 Barron Avenue, Palo Alto, CA 94306 (US). **THOMSON, John, S.**; 5808 Carmel Way, Union City, CA 94587 (US). **HUSTED, Paul, J.**; 1785 Ednamary Way, #D, Mountain View, CA 94040 (US).

(74) **JAKOPIN, David, A.** et al. / etc.; Pillsbury Winthrop LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04L 1/10, 27/08, H01L 27/06, H04L 27/14, 27/22, 25/08, H04B 1/10, H03K 5/01, 6/04**

(11) **WO 01/74000** (13) A1

(21) PCT/US01/10444

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/539,165 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LOW-POWER CDMA RECEIVER

• RECEPTEUR AMCR BASSE PUISSANCE

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **WIECK, Christopher, P.**; 12230 Briar Knoll Way, San Diego, CA 92128 (US).

(74) **JOHNSON, Doyle, B.**; Crosby, Heafey, Roach & May, Two Embarcadero Center, Suite 2000, San Francisco, CA 94111 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04L 1/22**

(11) **WO 01/74001** (13) A1

(21) PCT/US01/09419

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

- (30) 09/535,114 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • MULTICAST DATA DISTRIBUTION SYSTEM
• SYSTEME DE DISTRIBUTION DE DONNEES A MULTIDESTINATION
- (71) SECURITIES INDUSTRY AUTOMATION CORPORATION [US/US]; 2 Metro Tech Center, Brooklyn, NY 11201 (US).
- (72) LAMBERG, Michael, J.; 416 Philadelphia Avenue, Massapequa Park, NY 11762 (US). BACH, Andrew, F.; 2600 Kevin Road, Seaford, NY 11758 (US).
- (74) MAUNE, James, J. et al. / etc.; Baker Botts LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 9/00
- (11) WO 01/74002 (13) A1
- (21) PCT/US01/09449
- (22) 23 Mar/mar 2001 (23.03.2001)
- (25) en (26) en
- (30) 09/534,698 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DISTRIBUTING DIGITAL CONTENT
• DISTRIBUTION D'UN CONTENU NUMERIQUE
- (71) VIALTA.COM, INC. [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAN, Fred, S., L. [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).
- (74) STEVENS, David, R.; Stevens & Westberg LLP, 99 North First Street, Suite 201, San Jose, CA 95113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 9/00, H04H 1/02
- (11) WO 01/74003 (13) A1
- (21) PCT/US01/09797
- (22) 27 Mar/mar 2001 (27.03.2001)
- (25) en (26) en
- (30) 09/538,373 **29 Mar/mar 2000** US
(29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TRANSCEIVER SYSTEM AND METHOD
• SYSTEME ET PROCEDE D'EMISSION-RECEPTION
- (71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
- (72) MARUO, Jun; Tomigaya, Shibuya-Ku, Tokyo 1-88-15-303 (JP). KAGAMI, Atsushi; Ru # 402, Komagome, Toshima-Ku, Tokyo 4-12-10 (JP).
- (74) GALLENSON, Mavis et al. / etc.; Ladas & Parry, 5670 Wilshire Blvd., Suite 2100, Los Angeles, CA 90036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ H04L 9/00
- (11) WO 01/74004 (13) A1
- (21) PCT/US01/09449
- (22) 23 Mar/mar 2001 (23.03.2001)
- (25) en (26) en
- (30) 09/534,698 **24 Mar/mar 2000** US
(24.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DISTRIBUTING DIGITAL CONTENT
• DISTRIBUTION D'UN CONTENU NUMERIQUE
- (71) VIALTA.COM, INC. [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) CHAN, Fred, S., L. [US/US]; 48401 Fremont Boulevard, Fremont, CA 94538 (US).
- (74) STEVENS, David, R.; Stevens & Westberg LLP, 99 North First Street, Suite 201, San Jose, CA 95113 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
-
- (51)⁷ H04L 9/00
- (11) WO 01/74004 (13) A1
- (21) PCT/IE01/00041
- (22) 29 Mar/mar 2001 (29.03.2001)
- (25) en (26) en
- (30) S2000/0238 **29 Mar/mar 2000** IE
(29.03.2000)
- (30) S2000/0754 **19 Sep/sep 2000** IE
(19.09.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • KEYLESS ENCRYPTION SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE CHIFFREMENT SANS CLE
- (71) NON-ELEPHANT ENCRYPTION SYSTEMS [BARBADOS] INC. [BB/BB]; KPMG, Building No. 1, 2nd Floor, Shelston Park, St Michael (BB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) STARUJALA, Gerald [CA/IE]; Tait Business Center, Suite 28, Dominic Street, County Limerick (IE). MCROBERTS, James, Edward [GB/IE]; Tait Business Center, Suite 28, Dominic Street, County Limerick (IE).
- (74) COYLE, Philip, A.; F.R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
-
- ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H04L 9/08
- (11) WO 01/74005 (13) A1
- (21) PCT/US01/10348
- (22) 29 Mar/mar 2001 (29.03.2001)
- (25) en (26) en
- (30) 60/193,152 **29 Mar/mar 2000** US
(29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ONE-TIME-PAD ENCRYPTION WITH CENTRAL KEY SERVICE AND KEYABLE CHARACTERS
• CRYPTAGE UNIQUE AVEC SERVICE DE CLES CENTRAL ET CARACTERES POUVANT ETRE ASSOCIES A UNE CLE
- (63) US 60/193,152 (CIP)
29 Mar/mar 2000 (29.03.2000)
- (71, 72) HAMMERSMITH, Wolfgang, S. [US/US]; 6523 California Avenue Southwest #231, Seattle, WA 98136 (US).
- (74) HALEY, Jeffrey, T. et al. / etc.; Graybeal Jackson Haley LLP, Suite 350, 155 - 108th 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
-
- (51)⁷ H04L 9/30
- (11) WO 01/74006 (13) A1
- (21) PCT/FR01/00796
- (22) 16 Mar/mar 2001 (16.03.2001)
- (25) fr (26) fr
- (30) 00/03919 **28 Mar/mar 2000** FR
(28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DEVICE AND METHOD FOR GENERATING ELECTRONIC KEYS FROM MUTUAL PRIME NUMBERS
• DISPOSITIF ET PROCEDE DE GENERATION DE CLES ELECTRONIQUES

A PARTIR DE NOMBRES PREMIERS
ENTRE EUX

(71) **GEMPLUS** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, F-13420 Gémenos (FR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PAILLIER, Pascal** [FR/FR]; 37 Cours de Vincennes, F-75020 Paris (FR).

(74) **NONNENMACHER, Bernard**; Gemplus, Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, F-13881 Gémenos Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04L 9/30**

(11) **WO 01/74007** (13) A1

(21) PCT/SE01/00648

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) sv (26) en

(30) 0001044-7 **24 Mar/mar 2000 SE (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND SYSTEM FOR ENCRYPTION AND AUTHENTICATION
• PROCEDE ET SYSTEME DE CHIFFREMENT ET D'AUTHENTIFICATION

(71) **IMPSYS AB** [SE/SE]; Charlottenbergsvägen 4, S-441 42 Alingsås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WIDMAN, Mathias** [SE/SE]; Rosenvägen 8, S-441 43 Alingsås (SE).

(74) **AWAPATENT AB**; Box 11394, S-402 28 Göteborg (SE).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04L 9/32**

(11) **WO 01/74008** (13) A1

(21) PCT/CH01/00186

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) de (26) de

(30) 585/00 **27 Mar/mar 2000 CH (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR GENERATING ELECTRONIC SIGNATURES
• PROCEDE POUR PRODUIRE DES SIGNATURES ELECTRONIQUES

(71) **ALPINE-INVENT GMBH** [CH/CH]; c/o Wyer & Partner, Bahnhofstrasse 7, Postfach 1225, CH-6301 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOLLNAGEL, Wilhelm** [ES/DE]; Cristina 15, Urbanisation Calypso, Mijas Costa, E-Malaga (DE).

(74) **FREIPATENTANWALTSBÜRO**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04L 9/32**

(11) **WO 01/74009** (13) A1

(21) PCT/FR01/00795

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) fr (26) fr

(30) 00/03918 **28 Mar/mar 2000 FR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR PROBABILISTIC DIGITAL SIGNATURES
• PROCEDE DE SIGNATURES NUMERIQUES PROBABILISTES

(71) **GEMPLUS** [FR/FR]; Avenue du Pic de Bertagne, Parc d'Activités de Gémenos, F-13420 Gémenos (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NACCACHE, David** [FR/FR]; 7 rue Chaptal, F-75009 Paris (FR). **PAILLIER, Pascal** [FR/FR]; 37 Cours de Vincennes, F-75020 Paris (FR). **STERN, Jacques** [FR/FR]; 7 rue Pierre Nicole, F-75005 Paris (FR).

(74) **NONNENBACHER, Bernard**; Gemplus, Parc d'Activité de Gémenos, Avenue du Pic de Bertagne, F-13420 Gémenos (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK

LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/00**

(11) **WO 01/74010** (13) A1

(21) PCT/AU01/00352

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) PQ 6552 **29 Mar/mar 2000 AU (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DIGITAL TRANSMISSION SYSTEM
• SYSTEME DE TRANSMISSION NUMERIQUE

(71) **ADFILE PTY LTD** [AU/AU]; 5th Floor, 140 William Street, Sydney, New South Wales 2000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LYNCH, Robert, John, Joseph** [AU/AU]; 35 Glebe Street, Glebe, New South Wales 2037 (AU).

(74) **FREEHILLS CARTER SMITH BEADLE**; Level 32, MLC Centre, 19-29 Martin Place, Sydney, New South Wales 2000 (AU).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/28**

(11) **WO 01/74011** (13) A1

(21) PCT/GB01/01427

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 0007617.4 **29 Mar/mar 2000 GB (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A SHORT RANGE RADIO TRANSMITTER DEVICE
• DISPOSITIF D'EMISSION ET DE RECEPTION RADIO DE COURTE PORTEE

(71) **PSION PLC** [GB/GB]; 12 Park Crescent, London W1B 1PH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOLOVITZ, Lionel** [GB/GB]; West Wing, Sandhill House, Middle Claydon, Bucks, MK18 2LD (GB).

(74) **ORIGIN LIMITED**; 52 Muswell Hill Road, London N10 3JR (GB).

(81) JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H04L 12/28**

(11) **WO 01/74012** (13) A1

(21) PCT/KR00/01571

(22) **30 Dec/déc 2000 (30.12.2000)**

(25) en (26) en

(30) 60/192,936 **29 Mar/mar 2000 US (29.03.2000)**

(30) 2000/24207 **6 May/mai 2000 KR (06.05.2000)**

(30) 2000/55201 **20 Sep/sep 2000 KR (20.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR TRANSMITTING AND RECEIVING MULTIMEDIA DATA

• PROCEDE ET APPAREIL PERMETTANT DE TRANSMETTRE ET DE RECEVOIR DES DONNEES MULTIMEDIA

(71) **SAMSUNG ELECTRONICS CO. LTD.** [KR/KR]; 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, 12th Floor, Oakland, CA 94607-5200 (US).

(72) **PARK, Dong-Seek**; Samsung Electronics Co. Ltd., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **PARK, Jeong-Hoon**; Samsung Electronics Co. Ltd., 416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do 442-373 (KR). **LEE, Yung-Lyul**; 1-704 Geukdong Apt. 192, Garak-dong, Songpa-gu, Seoul 138-160 (KR). **VILLASENOR, John**; UCLA Engineering 405 Hilgard Ave., Los Angeles, CA 90095 (US). **LI, Adam, H.**; UCLA Engineering 405 Hilgard Ave., Los Angeles, CA 90095 (US). **TISSERAND, Matthieu**; UCLA Engineering 405 Hilgard Ave., Los Angeles, CA 90095 (US).

(74) **LEE, Young-Pil**; The Cheonghwa Bldg. 1571-18, Seocho-dong, Seocho-gu, 137-874 Seoul (KR).

(81) AU BR CA CN JP RU SG.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04L 12/28, H04Q 7/30**

(11) **WO 01/74013** (13) A2

(21) PCT/US01/40394

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,870 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/821,820 **29 Mar/mar 2001 US (29.03.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPERATIONS AND MAINTENANCE ARCHITECTURE FOR MULTIPROTOCOL DISTRIBUTED SYSTEM

• OPERATIONS ET ARCHITECTURE DE MAINTENANCE POUR SYSTEME DISTRIBUTIE MULTIPROTOCOLE

(71) **TRANSCAPT OPENCELL, INC.** [US/US]; 955 Perimeter Road, Manchester, NH 03103 (US).

(72) **SABAT, John, Jr.**; 16 Hansom Drive, Merrimack, NH 03054 (US). **MILLAR, Jeffrey, R.**; 37 Springs Hill Road, Mont Vernon, NH 03057 (US).

(74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/28**

(11) **WO 01/74014** (13) A2

(21) PCT/US01/09248

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 60/191,723 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • A METHOD AND SYSTEM FOR DATA TRANSMISSION IN A WIRELESS NETWORK

• PROCEDE ET SYSTEME DE TRANSMISSION DE DONNEES DANS UN RESEAU SANS FIL

(71) **CIRONNET, INC.** [US/US]; 5375 Oakbrook Parkway, Norcross, GA 30093 (US).

(72) **RATZEL, David, G.**; 1000 Latham Road, Decatur, GA 30033 (US).

(74) **MORNEAULT, Monique, A.** et al. / etc.; Wallenstein & Wagner, Ltd., 311 South Wacker Drive - 5300, Chicago, IL 60606 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04L 12/44, H02G 11/02, H04L 12/10**

(11) **WO 01/74015** (13) A1

(21) PCT/US00/20105

(22) **24 Jul/juil 2000 (24.07.2000)**

(25) en (26) en

(30) 09/534,888 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • NETWORK COMMUNICATIONS SYSTEM

• SYSTEME DE COMMUNICATION RESEAU

(71) **XIRCUM, INC.** [US/US]; 2300 Corporate Center Drive, Thousand Oaks, CA 91320-1420 (US).

(72) **LAITY, Ian, A.**; 375 Horneblend Court, Simi Valley, CA 93065 (US). **BAUDER, James, R.**; 3571 Challenger Court, Palmdale, CA 93550 (US). **MCLINN, Franklin, E.**; 302 Kitetail Street, Simi Valley, CA 93065 (US).

(74) **BOLAN, Michael, J.**; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ **H04L 12/56**

(11) **WO 01/74016** (13) A2

(21) PCT/CA01/00388

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 09/537,419 **29 Mar/mar 2000 US (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FAIL-SAFE SYSTEM FOR DISTRIBUTING STREAMING MEDIA HAVING A DYNAMICALLY RECONFIGURABLE HIERARCHY OF RING OR MESH TOPOLOGIES

• SYSTEME DE SECURITE SERVANT A DISTRIBUER DES DONNEES CONTINUES SOUS FORME DE MEDIA POSSEDANT UNE HIERARCHIE DE TOPOLOGIES D'ANNEAUX OU DE MAILLES POUVANT ETRE RECONFIGUREE DYNAMIQUEMENT

(71) **BYCAST MEDIA SYSTEMS INTERNATIONAL INC.** [BB/BB]; Corporate Services Limited, The Financial Services Centre, Bishop's Court Hill, St. Michael (BB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLIK, David** [CA/CA]; 41575 Rod Road, Brackendale City, British Columbia V0N 1H0 (CA).

(74) **PILLAY, Kevin** et al. / etc.; Fasken Martineau DuMoulin LLP, Toronto Dominion Bank Tower, Suite 4200, P.O. Box 20, Toronto-Dominion Centre, Toronto, Ontario M5K 1N6 (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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ H04L 12/56, H04Q 7/20, H04B /

(11) WO 01/74017 (13) A1

(21) PCT/FI01/00309

(22) 29 Mar/mar 2001 (29.03.2001)

(25) fi (26) en

(30) 20000759 31 Mar/mar 2000 FI (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PACKET SWITCHED CELLULAR NETWORK IN WHICH THE NETWORK STATIONS DETERMINE THEIR ADDRESSES BASED ON THE GEOGRAPHIC AND ALTITUDE COORDINATED OF THEIR LOCATIONS

• RESEAU CELLULAIRE A COMMUTATION PAR PAQUETS DANS LEQUEL LES STATIONS DE RESEAU DETERMINENT LEURS ADRESSES EN FONCTION DES COORDONNEES GEOGRAPHIQUES ET D'ALTITUDE DE LEURS LOCALISATIONS

(71, 72) MUSTONEN, Kai [FI/FI]; Karikukontie 4, FIN-90540 Oulu (FI). LÄHETKANGAS, Keijo [FI/FI]; Vasikkatie 5, FIN-90800 Oulu (FI).

(74) LÄHETKANGAS, Keijo; Vasikkatie 5, FIN-90800 Oulu (FI).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

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(51)⁷ H04L 12/66

(11) WO 01/74018 (13) A1

(21) PCT/KR00/00413

(22) 2 May/mai 2000 (02.05.2000)

(25) ko (26) en

(30) 2000/15390 25 Mar/mar 2000 KR (25.03.2000)

(30) 2000/18753 10 Apr/avr 2000 KR (10.04.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD OF CHARGE AND/OR FREE OF CHARGE PHONE USING INTERNET ON WEBSITE
• SYSTEME ET PROCEDE PERMETTANT DE FOURNIR DES SERVICES TELEPHONIQUES GRATUITS ET/OU PAYANTS PAR L'INTERMEDIAIRE D'INTERNET SUR UN SITE WEB

(71) INTERSOFTPHONE CO., LTD. [KR/KR]; Samduk Building, 1st floor, 770-7 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KIM, Bong-Kyum [KR/KR]; 154-8 Seocho-dong, Seocho-ku, Seoul 137-070 (KR).

(74) LEE, Eun-Sook; Samyoung-Building, Suite 502, 840 Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04L 27/00

(11) WO 01/74019 (13) A2

(21) PCT/EP01/03018

(22) 16 Mar/mar 2001 (16.03.2001)

(25) de (26) de

(30) 100 15 257.0 28 Mar/mar 2000 DE (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR TRANSMITTING OFDM SIGNALS
• PROCEDE DE TRANSMISSION DE SIGNAUX OFDM

(71) ROHDE & SCHWARZ GMBH & CO. KG [DE/DE]; Mühldorfstrasse 15, 81671 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BOTT, Rainer [DE/DE]; Wartweiler Weg 3, 82346 Andechs (DE). PENSEL, Karlheinz [DE/DE]; Dr. Carl-Kraus-Str. 15, 85354 Freising (DE).

(74) KÖRFER, Thomas; Mitscherlich & Partner, Sonnenstrasse 33, 80331 München (DE).

(81) US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁶ H04L 27/00, H04B 3/00

(11) WO 01/74020 (13) A1

(21) PCT/US01/09781

(22) 27 Mar/mar 2001 (27.03.2001)

(25) en (26) en

(30) 60/192,377 27 Mar/mar 2000 US (27.03.2000)

(30) 09/689,340 12 Oct/oct 2000 US (12.10.2000)

(30) 09/759,290 11 Jan/jan 2001 US (11.01.2001)

(30) Not furnished / non communiqué 6 Mar/mar 2001 US (06.03.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • USE OF ROTATING MAGNETIC FIELD TO ENHANCE COMMUNICATION WITH RF BURST-TRANSMITTING TAGS OF OBJECT LOCATION SYSTEM

• UTILISATION D'UN CHAMP MAGNETIQUE ROTATIF EN VUE D'AMELIORER LA COMMUNICATION AVEC DES BALISES DE TRANSMISSION DE RAFALE H.F. D'UN SYSTEME DE LOCALISATION D'OBJET

(71) WHERENET CORP [US/US]; 2855 Bowlers Avenue, Santa Clara, CA 95051-0917 (US).

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(72, 75) BELCHER, Donald, K. [US/US]; 532 Manis Road, Rogersville, TN 37857 (US). HASH, Ronald, J. [US/US]; 123 W. Lake Drive, Rogersville, TN 37857 (US).

(74) WANDS, Charles, E.; Allen, Dyer, Doppelt, Milbrath & Gilchrist, P.A., 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

(51)⁷ H04L 27/18, H04Q 7/38

(11) WO 01/74021 (13) A1

(21) PCT/DE01/01171

(22) 27 Mar/mar 2001 (27.03.2001)

(25) de (26) de

(30) 100 15 041.1 27 Mar/mar 2000 DE (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR SIGNALING THE START OF A LOGICAL CHANNEL IN A JOINTLY USED PHYSICAL TRANSMISSION CHANNEL OF A RADIO COMMUNICATIONS SYSTEM

• PROCEDE POUR SIGNALER LE DEBUT D'UN CANAL LOGIQUE DANS UN CANAL DE TRANSMISSION PHYSIQUE UTILISE EN COMMUN D'UN SYSTEME DE RADIOCOMMUNICATION

(71) SIEMENS AKTIENGESELLSCHAFT [DE/DE]; Wittelsbacherplatz 2, 80333 München (DE).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BAHRENBURG, Stefan [DE/DE]; Edelweissstr. 66, 28832 Achim (DE).

- FRANZ, Volker** [DE/DE]; Edelweisstr. 66, 82178 Puchheim (DE).
- (74) **SIEMENS AKTIENGESELLSCHAFT**; Postfach 22 16 34, 80506 München (DE).
- (81) BR CA CN ID JP KR RU US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)⁷ **H04L 29/00**
- (11) **WO 01/74022** (13) A2
- (21) PCT/DE01/01115
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) de (26) de
- (30) 100 15 640.1 **29 Mar/mar 2000 DE (29.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR SIGNALLING DIFFERENT HEADER INFORMATION
- PROCEDE POUR SIGNALER DIFFERENTES INFORMATIONS D'EN-TETE
- (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, 70422 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HANS, Martin** [DE/DE]; Spandauer Weg 9, 31141 Hildesheim (DE). **KOWALEWSKI, Frank** [DE/DE]; Schierke 16, 38228 Salzgitter (DE). **LAUMEN, Josef** [DE/DE]; Hansering 56, 31141 Hildesheim (DE). **SCHMIDT, Gunnar** [DE/DE]; Ziegenberg 6, 38304 Wolfenbuettel (DE). **BAER, Siegfried** [DE/DE]; Belchenstrasse 9, 75179 Pforzheim (DE). **BECKMANN, Mark** [DE/DE]; Fasanenstrasse 12, 38102 Braunschweig (DE). **GOTTSCHALK, Thomas** [DE/DE]; Erlenkamp 4a, 38126 Braunschweig (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 **H04L 29/00**
- (11) **WO 01/74023** (13) A2
- (21) PCT/US01/08823
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 09/535,911 **24 Mar/mar 2000 US (24.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR REMOTELY MANAGING DATA VIA A MOBILE DEVICE
- PROCEDE ET DISPOSITIF DE GESTION A DISTANCE DE DONNEES VIA UN APPAREIL MOBILE

- (71) **SUN MICROSYSTEMS, INC.** [US/US]; 901 San Antonio Road, M/S: UPAL01-521, Palo Alto, CA 94303 (US).

- (72) **MARTIN, Guy, W.**; 448 Sydenham Court, San Jose, CA 95111 (US). **DENSMORE, Owen, M.**; 2590 Ross Road, Palo Alto, CA 94303 (US).

- (74) **HECKER, Gary, A.** et al. / etc.; The Hecker Law Group, Suite 2300, 1925 Century Park East, Los Angeles, CA 90067 (US).

- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- (51)⁷ **H04L 29/00**
- (11) **WO 01/74024** (13) A2
- (21) PCT/US01/09985
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 09/537,827 **29 Mar/mar 2000 US (29.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR STREAMING INTERNET AUDIO AND VIDEO TO A WIRELESS TELEPHONE
- SYSTEME ET PROCEDE POUR TRANSMISSION EN CONTINU DE SIGNAUX AUDIO ET VIDEO INTERNET A UN TELEPHONE SANS FIL

- (71) **OPENWAVE TECHNOLOGIES INC.** [US/US]; 800 Chesapeake Drive, Redwood City, CA 94063 (US).

- (72) **HARTMAIER, Peter, J.**; 12501-197th Court NE, Woodinville, WA 98072 (US). **PIRIE, Michael, A.**; 6733 - 218th Avenue NE, Redmond, WA 98053 (US).

- (74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski, L.L.P., Suite 2800, 2200 Ross Avenue, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- (51)⁷ **H04L 29/06**
- (11) **WO 01/74025** (13) A1
- (21) PCT/DK01/00201
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) PA 2000 00509 **24 Mar/mar 2000 DK (24.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A SILENCER FOR AN AIR FLOW GENERATOR
- AMORTISSEUR DE BRUIT POUR GENERATEUR D'ECOULEMENT D'AIR

- (71) **NILFISK-ADVANCE A/S** [DK/DK]; Sogn-evej 25, DK-2605 Brøndby (DK).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HOLM, Torben, Momme** [DK/DK]; Bøgevej 3, DK-4180 Sorø (DK). **KAUSTA-LAG, Tùmmas** [DK/DK]; Vognporten 14, lejl. 257, DK-2620 Albertslund (DK). **LARSEN, Peter, Nøhr** [DK/DK]; Blåbærvej 2, DK-2400 Copenhagen NV (DK).

- (74) **PATENTGRUPPEN APS**; Arosgården, Aaboulevarden 23, DK-8000 Aarhus C (DK).

- (81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

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- (51)⁷ **H04L 29/06**
- (11) **WO 01/74026** (13) A1
- (21) PCT/EP01/02853
- (22) **14 Mar/mar 2001 (14.03.2001)**
- (25) de (26) de
- (30) 100 15 173.6 **27 Mar/mar 2000 DE (27.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • CALL-NUMBER BASED CUSTOMER IDENTIFICATION METHOD FOR PERSONALIZABLE INTERNET PORTALS
- PROCEDE D'IDENTIFICATION DE CLIENTS POUR PORTAILS INTERNET PERSONNALISABLES, SUR LA BASE DU NUMERO D'APPEL

- (71) **E-PLUS MOBILFUNK GMBH & CO. KG** [DE/DE]; E-Plus-Platz, 40468 Düsseldorf (DE).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **ERGEZINGER, Siegfried** [DE/DE]; Nietzschestrasse 38, 40822 Mettmann (DE). **PLASSMANN, Dieter** [DE/DE]; Gutenbergstrasse 91, 50823 Köln (DE).

- (74) **BEYER, Rudi**; Am Dickelsbach 8, 40883 Ratingen (DE).

- (81) JP LT NO US.

- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

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- (51)⁷ **H04L 29/06, H04Q 7/22, H04L 12/28**
- (11) **WO 01/74027** (13) A1
- (21) PCT/EP01/00465
- (22) **16 Jan/jan 2001 (16.01.2001)**
- (25) en (26) en

(30) 0007394.0 **27 Mar/mar 2000** GB
(**27.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TRANSMITTING PACKET DATA
• TRANSMISSION DE DONNEES EN PAQUETS

(71) **NOKIA NETWORKS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÄKELÄ, Tero** [FI/FI]; Seljatie 1 A 14, FIN-00320 Helsinki (FI). **KARLSSON, Julius** [FI/FI]; Retkeilijänkatu 10 B 36, FIN-00980 Helsinki (FI). **NOTKOLA, Tuomo** [FI/FI]; Salpausseläntie 5 E 87, FIN-00710 Helsinki (FI).

(74) **RUUSKANEN, Juha-Pekka** et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04L 29/06**

(11) **WO 01/74028** (13) A1

(21) PCT/GB01/01167

(22) **16 Mar/mar 2001 (16.03.2001)**

(25) en (26) en

(30) 00302629.1 **29 Mar/mar 2000** EP
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM FOR PROCESSING LOG DATA
• SYSTEME DE TRAITEMENT DE DONNEES DE JOURNAUX

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71) **DRICKEY, John, Victor** [GB/GB]; 59 Shelley Drive, Sutton Coldfield, West Midlands B74 4YD (GB).
(only for / seulement pour US)

(72, 75) **DAVIES, Christopher, James** [GB/GB]; 5 Kent Bank, Harrogate, North Yorkshire HG1 2NQ (GB).

(74) **ROBERTS, Simon, Christopher**; BT Group Legal Services, Intellectual Property Department, 8th Floor, Holborn Centre, 120 Holborn, London EC1N 2TE (GB).

(81) AU CA US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H04L 29/06, 12/58**

(11) **WO 01/74029** (13) A1

(21) PCT/GB01/01331

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 00302425.4 **24 Mar/mar 2000** EP
(**24.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESSING NETWORK ADDRESS IDENTIFIERS
• TRAITEMENT D'IDENTIFICATEURS D'ADRESSE DE RESEAU

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **O'NEILL, Alan, William** [GB/GB]; 2 Rachaels Court, Cemetery Road, Ipswich, Suffolk IP4 2JR (GB). **CLARKE, Philip, Martyn** [GB/GB]; 8 Cromarty Road, Ipswich, Suffolk IP4 3EU (GB). **BAKER, Shaun, Stephen** [GB/CH]; Mommsenstrasse 17, CH-8044 Zurich (CH). **BEAUCHAMPS, Caroline, Marcelle, Odette** [FR/GB]; 30 Armingford Crescent, Melbourn, Royston, Hertfordshire SG8 6NG (GB). **FELTON, Paul, Jonathan** [GB/GB]; 44 Springland Close, Ipswich, Suffolk IP4 5BZ (GB).

(74) **NASH, Roger, William**; BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H04L 29/06, 12/58**

(11) **WO 01/74030** (13) A1

(21) PCT/GB01/01343

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) en (26) en

(30) 00302424.7 **24 Mar/mar 2000** EP
(**24.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • PROCESSING NETWORK COMMUNICATION CONTROL MESSAGES
• TRAITEMENT DE MESSAGES DE COMMANDE DE COMMUNICATIONS RESEAU

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
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(72, 75) **O'NEILL, Alan, William** [GB/GB]; 2 Rachaels Court, 36 Cemetery Road, Ipswich, Suffolk IP4 2JA (GB). **CLARKE, Philip, Martyn** [GB/GB]; 8 Cromarty Road, Ipswich, Suffolk IP4 3EU (GB). **FELTON, Paul, Jonathan** [GB/GB]; 44 Springland Close, Ipswich, Suffolk IP4 5BZ (GB). **BEAUCHAMPS, Caroline, Marcelle, Odette** [FR/GB]; 30 Armingford Crescent, Melbourn, Hertfordshire SG8 6NG (GB). **BAKER, Shaun, Stephen** [GB/CH]; Mommsenstrasse 17, CH-8044 Zurich (CH).

(74) **NASH, Roger, William**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (GB).

(81) CA JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H04L 29/06**

(11) **WO 01/74031** (13) A2

(21) PCT/US01/10593

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 60/193,173 **29 Mar/mar 2000** US
(**29.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND APPARATUS FOR VERIFYING VALUE BEARING INSTRUMENTS

• PROCEDE ET APPAREIL DE VERIFICATION D'UN INSTRUMENT PORTEUR DE VALEURS

(71) **CMA BUSINESS CREDIT SERVICES** [US/US]; 40 East Verdugo Avenue, Burbank, CA 91502 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OKAMOTO, Steve, Atsushi** [US/US]; 5512 Calle de Arboles, Torrance, CA 90505 (US). **SCHATMAIER, Steven, Miller** [US/US]; 3 Winterhaven, Irvine, CA 92614 (US). **VON KAENEL, Tim** [US/US]; 12 Lake View Drive, Coto de Caza, CA 92679 (US). **ZEILE, Mike, Todd** [US/US]; 27627 Harwick Place, Valencia, CA 91354 (US).

(74) **NIXON, Dale, B.** et al. / etc.; Sidley Austin Brown & Wood, Suite 3400, 717 N. Harwood, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04L 29/08, H04J 13/04**

(11) **WO 01/74032** (13) A1

(21) PCT/JP01/02865

(22) **2 Apr/avr 2001 (02.04.2001)**

(25) ja (26) ja

(30) 2000-099510 **31 Mar/mar 2000** JP
(**31.03.2000**)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR OPERATING RATE MATCH AND RATE MATCH DEVICE
• PROCEDE POUR LE CALCUL D'ADAPTATION DE DEBIT ET DISPOSITIF D'ADAPTATION DE DEBIT

- (71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 (JP).
- (71, 72) **MARUWAKA, Yasuyo** [JP/JP]; 6-2-908, Hikari no Oka, Yokosuka-shi, Kanagawa 239-0847 (JP). **MINAMIDA, Noriaki** [JP/JP]; 1-182-1, Matsumura, Kanazawa-shi, Ishikawa 920-0348 (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 CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04L 29/14, G06F 11/20, 11/00, H04B 7/26, H04Q 3/545**
- (11) **WO 01/74033** (13) A1
- (21) PCT/JP01/02314
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) ja (26) ja
- (30) 2000-89280 **28 Mar/mar 2000 JP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMMUNICATION CONTROL DEVICE AND CONTROL METHOD
- DISPOSITIF ET PROCEDE DE CONTROLE DE COMMUNICATIONS
- (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) **NAGASAWA, Toshiaki** [JP/JP]; 4-16-9-303, Negishi-cho, Yokosuka-shi, Kanagawa 239-0807 (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 CR CU CZ DE DK DM DZ 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 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04M**
- (11) **WO 01/74034** (13) A2
- (21) PCT/US01/04128
- (22) **8 Feb/fév 2001 (08.02.2001)**
- (25) en (26) en
- (30) 09/536,966 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • ON DEMAND LOCATION FUNCTION FOR MOBILE TERMINAL
- FONCTION DE LOCALISATION A LA DEMANDE POUR TERMINAL MOBILE
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **DUNKO, Gregory** [US/US]; 103 Mixedwood Court, Cary, NC 27511 (US). **LOHR, Jon** [US/US]; 5928 Swales Way, Raleigh, NC 27603 (US). **KOLEV, Javor** [SE/US]; 111 Murdock Creek Court, Apex, NC 27502 (US). **JOLLEY, Edward, V.** [US/US]; 5109 Green Oak Drive, Durham, NC 27712 (US).
- (74) **OWEN, John, R.** et al. / etc.; Coats & Bennett, PLLC, Post Office Box 5, Raleigh, NC 27602 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04M**
- (11) **WO 01/74035** (13) A2
- (21) PCT/US01/07211
- (22) **6 Mar/mar 2001 (06.03.2001)**
- (25) en (26) en
- (30) 09/538,112 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR RECORDING AND AUTOMATED PLAYBACK OF PERSONAL AGENT GREETINGS IN A COMMUNICATION-CENTER ENVIRONMENT
- PROCEDE ET APPAREIL D'ENREGISTREMENT ET DE LECTURE AUTOMATIQUES DE MESSAGES DE SALUTATIONS PERSONNELLES PAR DES AGENTS DANS UN ENVIRONNEMENT DE CENTRE DE COMMUNICATION
- (71) **GENESYS TELECOMMUNICATION LABORATORIES, INC.** [US/US]; 1155 Market Street, 11th floor, San Francisco, CA 94103 (US).
- (72) **GARCIA, Gustavo, Manuel, Marin, Damil**; 44 Chapel Road, Rothesay, NB E2E 3M2 (CA).
- (74) **BOYS, Donald, R.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04M**
- (11) **WO 01/74037** (13) A2
- (21) PCT/US01/09802
- (22) **28 Mar/mar 2001 (28.03.2001)**
- (25) en (26) en
- (30) 09/537,952 **28 Mar/mar 2000 US (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SYSTEM AND METHOD FOR DISPLAYING THE LOCATION OF A WIRELESS COMMUNICATIONS DEVICE
- SYSTEME ET METHODE D'AFFICHAGE DE L'EMPLACEMENT D'UN DISPOSITIF DE COMMUNICATION SANS FIL

(71) **LEAP WIRELESS INTERNATIONAL, INC.** [US/US]; 10307 Pacific Center Court, San Diego, CA 92121 (US).

(72) **CHERN, Vincent**; 11436 Holly Fern Court, San Diego, CA 92131 (US).

(74) **COYNE, Patrick, J.** et al. / etc.; Collier Shannon Scott, 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 DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04M 1/247**

(11) **WO 01/74038** (13) A1

(21) PCT/ZA00/00065

(22) **31 Mar/mar 2000 (31.03.2000)**

(25) en (26) en

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● AUXILIARY TELEPHONE UNIT FOR PROVIDING EXTENDED TELEPHONE SERVICES
● UNITE TELEPHONIQUE AUXILIAIRE POUR SERVICES TELEPHONIQUES ETENDUS

(71) **BACON, Brian** [ZA/ZA]; 2nd floor, Mariendahl House, Norwich on Main, Main Road, Newlands 7700 (ZA).

(72) **SLOMOVICH, Juda**; 467 Golf Street, Woodmere, NY 11598 (US).

(74) **BACON, Brian**; Brian Bacon & Associates, 2nd floor, Mariendahl House, Norwich on Main, Main Road, Newlands 7700 (ZA).

(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 IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04M 1/725**

(11) **WO 01/74039** (13) A1

(21) PCT/BE01/00048

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) fr (26) fr

(30) 2000/0223 **28 Mar/mar 2000 (28.03.2000)** BE

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● REMOTE PROTECTION DEVICE
● DISPOSITIF DE TELEPROTECTION

(71, 72) **MARTIN, Guy** [BE/BE]; Rue des Alisiers 4, B-4400 Flémalle (BE).

(74) **COLENS, Alain**; Bureau Colens SPRL, Rue Franz Merjay 21, B-1050 Bruxelles (BE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04M 3/00**

(11) **WO 01/74040** (13) A2

(21) PCT/CA01/00371

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 2,302,460 **27 Mar/mar 2000 (27.03.2000)** CA

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● VOICEMAIL FOR WIRELESS SYSTEMS
● MESSAGERIE VOCALE POUR SYSTEMES SANS FIL

(71) **SOMA NETWORKS, INC.** [US/US]; Legal Department, Suite 2000, Wharfside Bldg., China Basin Landing, 185 Berry Street, San Francisco, CA 94107 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SNELGROVE, William, Martin** [CA/CA]; 603-90 Sherbourne Street, Toronto, Ontario M5A 2R1 (CA). **STUMM, Michael** [CA/CA]; 3 Belvale Avenue, Toronto, Ontario M8X 2A6 (CA). **FRAZER, Mark, James** [CA/CA]; 1001 Bay Street, Apartment 305, Toronto, Ontario M4S 3A6 (CA). **PETERS, Gavin, Wayne, Kenny** [CA/CA]; 64 Florence Street, Apartment 2, Toronto, Ontario M6K 1P5 (CA). **DE SIMONE, Mauricio** [CA/CA]; 702-10 Queens Quay West, Toronto, Ontario M5J 2R9 (CA).

(74) **CURRIER, T., Andrew** et al. / etc.; SOMA Networks, Inc., Suite 700, 312 Adelaide Street West, Toronto, Ontario M5V 1R2 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04M 3/00**

(11) **WO 01/74041** (13) A2

(21) PCT/US01/10400

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 09/538,054 **29 Mar/mar 2000 (29.03.2000)** US

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEMS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR IMPROVED PERSONAL COMMUNICATIONS
● SYSTEMES, PROCEDES ET PRODUITS DE PROGRAMMES INFORMATIQUES DESTINES A DES COMMUNICATIONS PERSONNELLES AMELIOREES

(71) **SATELLINK COMMUNICATIONS, INC.** [US/US]; 4400 River Green Parkway, Suite 100, Duluth, GA 30096 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POCHÉ, Robert, P.** [US/US]; 750 Lake Top Way, Roswell, GA 30076 (US). **BYBEE, Robert, D.** [US/US]; 5011 Brougham Court, Stone Mountain, GA 30087 (US).

(74) **TAULBEE, George, M.** 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 AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04M 3/00**

(11) **WO 01/74042** (13) A2

(21) PCT/US01/09131

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,155 **24 Mar/mar 2000 (24.03.2000)** US

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● CALL ANALYSIS
● ANALYSE D'APPELS

(63) US 09/535,155 (CON) 24 Mar/mar 2000 (24.03.2000)

(71) **DRAGON SYSTEMS, INC.** [US/US]; Suite 1225, 320 Nevada Street, Newton, MA 02160 (US).

(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **YOUNG, Jonathan, Hood** [US/US]; 47 Churchill Street, Newton, MA 02166 (US). **TRUE, Sean, D.** [US/US]; 4 Red Top Road, Natick, MA 01760 (US). **RAY, David, Meyer** [US/US]; 37 Cherry Street, Somerville, MA 02144 (US). **WAHLBERG, Jakob** [SE/US]; Apartment 25, 155 Lexington Street, Auburn-dale, MA 02466 (US). **HOWES, Bradley, Ray** [US/US]; 117 Chestnut Street #2, Waltham, MA 02453 (US). **MCA'NULTY, Megan, M.** [US/US]; 124 Harding Street, Newton, MA 02465 (US). **MORSE, John, A.** [US/US]; 57 Elmhurst Road, Newton, MA 02458-2232 (US). **JACKSON, Mark** [US/US]; 146 Highland Avenue, Watertown, MA 02472 (US).
- (74) **HAYDEN, John, F.**; Fish & Richardson, 601 Thirteen Street N.W., Washington, DC 20005 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 3/42, 7/00**
(11) **WO 01/74043** (13) A1
(21) PCT/US01/09396
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/191,797 **24 Mar/mar 2000 US (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • DIGITAL SUBSCRIBER LINE NETWORK DEPLOYMENT METHOD
• PROCEDE DE MISE EN PLACE DE RESEAU A LIGNE D'ABONNE NUMERIQUE
- (71) **TELCORDIA TECHNOLOGIES, INC.** [US/US]; 445 South Street, Morristown, NJ 07960-6438 (US).
- (72) **SEYMOUR, George**; 26 Fairway Boulevard, Monroe, NJ 08831 (US). **CARPENTER, Tamra**; 68 Fieldcrest Avenue, Skillman, NJ 08558 (US). **EIGER, Martin**; 10 Margaret Drive, Pine Brook, NJ 07058 (US). **SEYMOUR, Paul**; 100 Cold Soil Road, Trenton, NJ 08648 (US). **LUSS, Hanan**; 14 Truman Drive, Marlboro, NJ 07746 (US). **BEHRENS, Clifford, Allen**; 20 Beverly Road, Madison, NJ 07940 (US).
- (74) **COCKINGS, Orville** et al. / etc.; International Coordinator, Telcordia Technologies, Inc., 445 South Street, Rm. 1G112R, Morristown, NJ 07960-6438 (US).
- (81) CA JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Declaration / Déclaration :
(s) for all designations / pour toutes les désignations
-
- (51)⁷ **H04M 7/00**
(11) **WO 01/74044** (13) A1
(21) PCT/US01/08369
(22) **15 Mar/mar 2001 (15.03.2001)**
(25) en (26) en
(30) 09/537,016 **28 Mar/mar 2000 US (28.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • METHOD FOR A LOCAL NUMBER PORTABILITY CACHE
• PROCEDE POUR UNE ANTE-MOIRE DE PORTABILITE DE NUMERO LOCAL
- (71) **SEVIS SYSTEMS, INC.** [US/US]; Suite 700, 17950 Preston Road, Dallas, TX 75252 (US).
- (72) **ASHDOWN, Mike**; 5508 Belle Chasse, Frisco, TX 75035 (US). **HENDERSON, Dave, S.**; 31511 Silver Spur Trail, Fair Oaks, TX 78015 (US). **SHEN, Hu**; 4020 Sunflower Lane, Plano, TX 75024 (US).
- (74) **MULLER, Mark, V.**; Jenkins & Gilchrist, Suite 3200, 1445 Ross Avenue, Dallas, TX 75202-2799 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04M 11/00, H04L 12/56**
(11) **WO 01/74045** (13) A1
(21) PCT/GB01/01312
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 0007252.0 **24 Mar/mar 2000 GB (24.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • TRANSMISSION OF CONTROL INFORMATION
• TRANSMISSION D'INFORMATIONS DE COMMANDE
- (71) **ABB METERING LTD.** [GB/GB]; Pondwicks Road, Luton, Bedfordshire LU1 3LJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CLARKE, David, John** [GB/GB]; 9 Kestrel Drive, Loggerheads, Shropshire TF9 2QT (GB). **PHILLIPS, Mark** [GB/GB]; Lea Cottage, Bishops Offley, Stafford ST21 6EU (GB). **EPERSON, Ian** [GB/GB]; 45 Belper Road, Derby DE1 3EP (GB). **BUTTERY, Paul** [GB/GB]; Foppolo, Rowane Lane, Ashley Heath, Nr Market Drayton, Shropshire TF9 4PT (GB). **KJESBU, Snorre** [NO/NO]; Hiltonåsen 88, N-1341 Slependsen (NO).
- (74) **RUUSKANEN, Juha-Pekka** et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) 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 GW ML MR NE SN TD TG).
- Published / Publiée : (c)
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- (51)⁷ **H04M 11/00, 3/42, G06F 13/00**
(11) **WO 01/74046** (13) A1
(21) PCT/JP01/02432
(22) **26 Mar/mar 2001 (26.03.2001)**
(25) ja (26) ja
(30) 2000-86798 **27 Mar/mar 2000 JP (27.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • DATA DISTRIBUTION SERVER, TERMINAL, AND DATA DISTRIBUTION SYSTEM
• SERVEUR ET TERMINAL DE DISTRIBUTION DE DONNEES, ET SYSTEME DE DISTRIBUTION DE DONNEES
- (71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanhondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HORI, Yoshihiro** [JP/JP]; 5-1-12, Kuramae, Gifu-shi, Gifu 500-8233 (JP). **OTA, Seiya** [JP/JP]; 1482-1, Okirido, Tushima, Shippo-cho, Ama-gun, Aichi 497-0002 (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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
- Published / Publiée : (a)
-
- (51)⁷ **H04M 11/06, H04L 25/49**
(11) **WO 01/74047** (13) A1
(21) PCT/IL00/00198
(22) **29 Mar/mar 2000 (29.03.2000)**
(25) en (26) en
(43) 4 Oct/oct 2001 (04.10.2001)
(54) • V.90 OVER ALL-DIGITAL CONNECTIONS

• CONNEXION V.90 PAR L'INTERMEDIAIRE DE CONNEXIONS ENTIEREMENT NUMERIQUES

(71) **SURF COMMUNICATION SOLUTIONS, LTD.** [IL/IL]; Rabin House, Teradyon Industrial Park, 20179 D.N. Misgav (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISHER, Abraham** [IL/IL]; Ehud Street 44, 34553 Haifa (IL). **SOMEKH, Oren** [IL/IL]; Moshav Beit Shearim, 30046 D.N. Emek-Israel (IL).

(74) **FENSTER, Paul** et al. / etc.; Fenster & Company Patent Attorneys, Ltd., P.O. Box 10256, 49002 Petach Tikva (IL).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04M 13/00

(11) **WO 01/74048** (13) A2

(21) PCT/FR01/00926

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) fr (26) fr

(30) 00/03953 **29 Mar/mar 2000 FR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM FOR MANAGING INCOMING TELEPHONE CALLS
• SYSTEME DE GESTION D'APPELS TELEPHONIQUES ENTRANTS

(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) **FORESTIER, Jacky** [FR/FR]; 36, boulevard Gambetta, F-92130 Issy-les-Moulineaux (FR). **GUILLARD, Michel** [FR/FR]; 1, avenue Louis Georgen, F-94230 Cachan (FR). **MONDET, Catherine** [FR/FR]; 15, allée F. Couperin, F-14440 Douvres-la-Délivrande (FR). **ROUSSELET, Violette** [FR/FR]; 9, rue Froide, F-92220 Bagneux (FR). **RIVIERE, Henri** [FR/FR]; 7, bis rue de Versailles, F-91300 Massy (FR). **GAILLARD, Jean-Pierre** [FR/FR]; 86, rue de la Fédération, F-75015 Paris (FR).

(74) **FRECHEDE, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ H04M 17/00

(11) **WO 01/74049** (13) A2

(21) PCT/CA01/00390

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 2,303,041 **29 Mar/mar 2000 CA (29.03.2000)**

(30) 2,319,982 **19 Sep/sep 2000 CA (19.09.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR PROVIDING A QUANTITY OF TELEPHONE TIME FROM AN ATM OR POS TERMINAL
• PROCEDE D'OCTROI D'UNE DUREE D'UTILISATION DE SERVICES TELEPHONIQUES DEPUIS UN GUICHET AUTOMATIQUE OU D'UN TERMINAL DE POINT DE VENDE

(71) **WIRELESS AIR TIME DIRECT INC.** [CA/CA]; Suite 300, 99 Blue Jay Way, Toronto Ontario M5V 9G9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BITOVE, Thomas, John** [CA/CA]; 27 McKenzie Avenue, Toronto, Ontario M4W 1K1 (CA). **KOJEMAN, Rick** [CA/CA]; 47 Wentworth Avenue, Toronto, Ontario M2N 1T5 (CA). **WINCH, Steven, Richard** [CA/CA]; 119 Collard Drive, King City, Ontario L7B 1E4 (CA). **WALCOT, Peter, Adamson** [CA/CA]; 9201 Ninth Line, RR#1, Norval, Ontario (CA).

(74) **HORNE, D., Doak**; Gowling Lafleur Henderson LLP, Suite 1400, 700 - 2nd Street S.W., Calgary, Alberta T2P 4V5 (CA).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) **WO 01/74050** (13) A2

(21) PCT/US01/09508

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) en (26) en

(30) 60/193,046 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/591,547 **8 Jun/juin 2000 US (08.06.2000)**

(30) 09/631,437 **2 Aug/août 2000 US (02.08.2000)**

(30) 09/747,309 **20 Dec/déc 2000 US (20.12.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SYSTEM AND METHOD FOR PICTURE-IN-BROWSER SCALING
• SYSTEME ET PROCEDE DE MISE A L'ECHELLE D'IMAGE DE NAVIGATEUR

(71) **DIGEO BROADBAND, INC.** [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).

(72) **ISTVAN, Anthony, F.**; 7213 Chanticleer Avenue SE, Snoqualmie, WA 98065 (US).

(74) **CHO, Steve, Y.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ H04N

(11) **WO 01/74051** (13) A2

(21) PCT/US01/09915

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/193,046 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/591,547 **8 Jun/juin 2000 US (08.06.2000)**

(30) 09/624,198 **24 Jul/juil 2000 US (24.07.2000)**

(30) 60/258,134 **22 Dec/déc 2000 US (22.12.2000)**

(30) 09/788,997 **16 Feb/fév 2001 US (16.02.2001)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SINGLE-BUTTON REMOTE ACCESS TO A SYNTHETIC CHANNEL PAGE OF SPECIALIZED CONTENT
• ACCES A DISTANCE PAR BOUTON UNIQUE A UNE PAGE SYNTHETIQUE DE CANAL A CONTENU SPECIALISE

(71) **DIEGO BROADBAND, INC.** [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).

(72) **ISTVAN, Anthony, F.**; 7213 Chanticleer Avenue SE, Snoqualmie, WA 98065 (US). **ALLEN, Paul, G.**; 6451 West Mercer Way, Mercer Island, WA 98040 (US).

(74) **CHO, Steve, Y.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 1/00**
- (11) **WO 01/74052** (13) A2
- (21) PCT/US01/07830
- (22) **9 Mar/mar 2001 (09.03.2001)**
- (25) en (26) en
- (30) 09/535,325 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● A MACHINE AND METHOD FOR IMAGING DISPLAY OUTPUT ON A STANDARD LIGHT LENS OR DIGITAL COPIER, SCANNING DEVICE, OR FAX MACHINE
- MACHINE ET PROCEDE D'IMPRESION DE SORTIE D'AFFICHAGE SUR UN COPIEUR OPTIQUE OU NUMERIQUE A LUMIERE STANDARD, UN DISPOSITIF DE BALAYAGE OU UN TELECOPIEUR
- (71) **TECHNOLOGY INNOVATIONS LLC** [US/US]; 150 Lucius Gordon Drive, Suite 201, West Henrietta, NY 14586 (US).
- (72) **MASON, Peter, J.**; 1189 Gatestone Circle, Webster, NY 14580 (US). **WEINER, Michael**; 693 Summit Drive, Webster, NY 14580 (US).
- (74) **SALAI, Stephen, B.** et al. / etc.; Harter, Secrest & Emery LLP, 700 Midtown Tower, Rochester, NY 14604 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 1/413**
- (11) **WO 01/74054** (13) A1
- (21) PCT/IB01/00693
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 09/536,035 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHOD AND APPARATUS FOR CUSTOMER RELATIONSHIP ASSESSMENT AND PLANNING
- PROCEDE ET APPAREIL D'EVALUATION ET DE PLANIFICATION DES RELATIONS AVEC LA CLIENTELE
- (63) US 09/536,035 (CON) **27 Mar/mar 2000 (27.03.2000)**
- (71) **NORTEL NETWORKS LIMITED** [CA/CA]; World Trade Center of Montreal, 380 St. Antoine Street West, 8th floor, Montreal, Quebec H2Y 3Y4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DAVIS, Sheldon** [US/CA]; 57 Winston Cres, Guelph, Ontario N1E 2K1 (CA). **DAVISON, Daniel** [US/US]; 144 So. 3rd Street, Unit 424, San Jose, CA 95112-6503 (US).
- (74) **SCHROEDER, Peter, V.** et al. / etc.; Crutsinger & Booth, 1601 Elm Street, Suite 1950, Dallas, TX 75201-4744 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 5/14**
- (11) **WO 01/74055** (13) A1
- (21) PCT/US01/05861
- (22) **23 Feb/fév 2001 (23.02.2001)**
- (25) en (26) en
- (30) 09/538,137 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● METHODS FOR GENERATING IMAGE SET OR SERIES WITH IMPERCEPTIBLY DIFFERENT IMAGES, SYSTEMS THEREFOR AND APPLICATIONS THEREOF
- PRODUCTION D'ENSEMBLES OU DE SERIES D'IMAGES IMPERCEPTIBLEMENT DIFFERENTES; SYSTEMES ET APPLICATIONS
- (71) **HOURLPLACE, L.L.C.** [US/US]; Suite 353, 333 W. North Avenue, Chicago, IL 60610 (US).
- (72) **SIEFKEN, Douglas, R.**; Suite 6808, 175 E. Delaware, Chicago, IL 60611 (US).
- (74) **METZGER, David, R.**; Sonnenschein Nath & Rosenthal, Wacker Drive Station - Sears Tower, P.O. Box 061080, Chicago, IL 60606 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 5/208, 5/21**
- (11) **WO 01/74056** (13) A1
- (21) PCT/EP01/03136
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 00201079.1 **24 Mar/mar 2000 EP (24.03.2000)**
- (30) 00202058.4 **13 Jun/juin 2000 EP (13.06.2000)**
- (30) 01200503.9 **13 Feb/fév 2001 EP (13.02.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) ● ELECTRONIC CIRCUIT AND METHOD FOR ENHANCING AN IMAGE
- CIRCUIT ELECTRONIQUE ET PROCEDE D'AMELIORATION D'UNE IMAGE
- (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) **OJO, Olukayode, A.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KWAAITAAL-SPASSOVA, Tatiana, G.** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE HAAN, Gerard** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **GRAVENDEEL, Cornelis;** Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H04N 5/253, 9/47**

(11) **WO 01/74057** (13) A1

(21) PCT/US01/07949

(22) **9 Mar/mar 2001 (09.03.2001)**

(25) en (26) en

(30) 09/537,240 **28 Mar/mar 2000 US (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **FILM SCANNER**

• **DISPOSITIF DE BALAYAGE DE FILMS**

(71) **EASTMAN KODAK COMPANY** [US/US]; 343 State Street, Rochester, NY 14650 (US).

(72) **TRUC, James, A.**; 15136 Boulder Pointe Road, Eden Prairie, MN 55347 (US). **OVSAK, Gregg, J.**; 7315 13th Avenue South, Richfield, MN 55423 (US). **WRIGHT, Calvin, A.**; 5202 Picha Road, Minnetonka, MN 55345 (US). **WOLTER, Peter, M.**; 2917 Oregon Avenue South, Saint-Louis Park, MN 55426 (US). **LUNDEEN, Richard, A.**; 19002 Barrington Drive, Eden Prairie, MN 55436 (US). **KNIGHT, Douglas, G.**; 227 Myrtle Place, South Saint-Paul, MN 55075 (US). **ANDERSON, James, M.**; 275 Lake Elmo Avenue North, Lake Elmo, MN 55042 (US). **DEUTSCH, Dennis, A.**; 9854 205th Street East, Hastings, MN 55033 (US). **SEVERSON, John, R.**; 3625 Woodcroft Drive, Minnetonka, MN 55345 (US).

(74) **NOVAIS, David, A.**; 343 State Street, Rochester, NY 14650-2201 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04N 5/335, 1/46, G06K 9/00**

(11) **WO 01/74058** (13) A1

(21) PCT/US01/09434

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en

(30) 60/191,800 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **A SYSTEM AND METHOD FOR ANALYZING, OPTIMIZING AND/OR DESIGNING SPECTRAL SENSITIVITY CURVES FOR AN IMAGING DEVICE**

• **SYSTEME ET PROCEDE D'ANALYSE, D'OPTIMISATION ET/OU DE CONCEPTION DE COURBES DE SENSIBILITE SPECTRALE DESTINEES A UN DISPOSITIF D'IMAGERIE**

(71) **ROCHESTER INSTITUTE OF TECHNOLOGY** [US/US]; 5 Lomb Memorial Drive, Rochester, NY 14623-5603 (US).

(72) **KATOH, Naoya;** 4-17-16-403, Shinden, Ichikawa, Chiba 272-0035 (JP). **OHTA, Noboru;** 54 Lomb Memorial Drive, Rochester, NY 14623 (US). **QUAN, Shuxue;** 20 Fairwood Drive, Apt. 2-L, Rochester, NY 14623 (US). **ROSEN, Mitchell;** 346 Yarmouth Road, Rochester, NY 14610 (US).

(74) **LEINBERG, Gunnar, G.** et al. / etc.; Nixon Peabody LLP, Clinton Square, P.O. Box 31051, Rochester, NY 14603-1051 (US).

(81) KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04N 5/44**

(11) **WO 01/74059** (13) A1

(21) PCT/IB01/00384

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) en (26) en

(30) 09/538,677 **30 Mar/mar 2000 US (30.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **PORTABLE DEVICE FOR RATING AUDIO/VIDEO CONTENTS**

• **DISPOSITIF PORTATIF POUR ETABLIR UN CLASSEMENT DE CONTENUS AUDIO/VIDEO**

(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) **MEYERS, Stephan;** 1441 Butler Avenue, Los Angeles, CA 90025 (US).

(74) **STUART, Michael, C.**; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 Fifth Avenue, New York, NY 10176 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ **H04N 5/445**

(11) **WO 01/74060** (13) A1

(21) PCT/JP01/02595

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-095307 **29 Mar/mar 2000 JP (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **VIRTUAL PROGRAM LIST PROVIDING SYSTEM**

• **SYSTEME SERVANT A CREER UNE LISTE DE PROGRAMMES VIRTUELS**

(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) **MINEYAMA, Toru** [JP/JP]; c/o SONY CORPORATION, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No.11 Mori Bldg., 6-4, Toranomom 2-chome, Minato-ku, Tokyo 105-0001 (JP).

(81) AU CA CN JP US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04N 5/445, G06F 3/00, 13/00**

(11) **WO 01/74061** (13) A1

(21) PCT/US01/09222

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 60/193,046 **29 Mar/mar 2000 US (29.03.2000)**

(30) 09/591,547 **8 Jun/juin 2000 US (08.06.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **L CONFIGURED USER INTERFACE TO TV AND INTERNET CONTENT**

• **CONFIGURATION EN L DE L'INTERFACE UTILISATEUR AVEC LA TELEVISION ET LE CONTENU INTERNET**

(71) **DIGEO BROADBAND, INC.** [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).

(72) **ISTVAN, Anthony, F.**; 7213 Chanticleer Avenue SE, Snoqualmie, WA 98065 (US). **WILKINS, Lisa, M.**; 9748 Phinney Avenue N, Seattle, WA 98103 (US).

(74) **CHO, Steve, Y.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG); OA

- (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 5/445, G06F 3/00, 13/00**
 (11) **WO 01/74062** (13) A1
 (21) PCT/US01/09223
 (22) **21 Mar/mar 2001 (21.03.2001)**
 (25) en (26) en
 (30) 60/193,046 **29 Mar/mar 2000** US
(29.03.2000)
 (30) 09/591,547 **8 Jun/juin 2000** US
(08.06.2000)
 (30) 60/213,811 **22 Jun/juin 2000** US
(22.06.2000)
 (30) 09/613,445 **11 Jul/juil 2000** US
(11.07.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • USER INTERFACE WITH MEDIA BAR
 • INTERFACE UTILISATEUR COMPRENANT UNE BARRE MEDIA
 (71) **DIGEO BROADBAND, INC.** [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).
 (72) **ISTVAN, Anthony, F.**; 7213 Chanticleer Avenue SE, Snoqualmie, WA 98065 (US). **WILKINS, Lisa, M.**; 9748 Phinney Avenue N, Seattle, WA 98103 (US).
 (74) **CHO, Steve, Y.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 5/50**
 (11) **WO 01/74064** (13) A1
 (21) PCT/EP01/02901
 (22) **14 Mar/mar 2001 (14.03.2001)**
 (25) en (26) en
 (30) 00201111.2 **28 Mar/mar 2000** EP
(28.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • UPDATING TRANSMITTER DATA STORED IN A PRESET CHANNEL MEMORY
 • MISE A JOUR DES DONNEES EMETTEUR STOCKEES DANS UNE MEMOIRE DE CANAUX PREREGLEE
 (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
 (72) **MEERSSEMAN, Baudewijn, M., S., C.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **SCHMITZ, Herman, J., R.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (81) CN JP KR.
 (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
 Published / Publiée : (c)
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- (51)⁷ **H04N 5/68, 5/262, 5/445, 7/087, 7/10**
 (11) **WO 01/74065** (13) A1
 (21) PCT/US01/09031
 (22) **21 Mar/mar 2001 (21.03.2001)**
 (25) en (26) en
 (30) 09/534,832 **24 Mar/mar 2000** US
(24.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • A METHOD AND DEVICE FOR DATA DISPLAY
 • PROCEDE ET DISPOSITIF D’AFFICHAGE DE DONNEES
 (71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
 (72) **SHINTANI, Peter R.**; 15616 Bernardo Center Drive #3501, San Diego, CA 92127 (US). **USUI, Hirofumi**; 15662 Bernardo Center Drive #1210, San Diego, CA 92127 (US).
-
- (74) **GALLENSON, Mavis** et al. / etc.; Ladas & Parry, 5670 Wilshire Blvd., Suite 2100, Los Angeles, CA 90036 (US).
 (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
 (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 5/765, 5/92**
 (11) **WO 01/74066** (13) A1
 (21) PCT/JP01/02298
 (22) **22 Mar/mar 2001 (22.03.2001)**
 (25) ja (26) ja
 (30) 2000-087578 **27 Mar/mar 2000** JP
(27.03.2000)
 (30) 2000-145606 **17 May/mai 2000** JP
(17.05.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • INFORMATION RECEIVING/RECORDING/REPRODUCING APPARATUS AND INFORMATION RECEIVING/RECORDING/REPRODUCING METHOD
 • APPAREIL ET PROCEDE DE RECEPTION/ENREGISTREMENT/REPRODUCTION D’INFORMATIONS
 (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) **KAMEYAMA, Koichi** [JP/JP]; 789, Tsuitachi, Saijo-shi, Ehime 793-0027 (JP). **YAMAMOTO, Isao** [JP/JP]; 4-8-55, Kitauchi-cho, Niihama-shi, Ehime 792-0842 (JP).
 (74) **MATSUDA, Masamichi**; Shin-Osaka Ikushima Building, 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).
 (81) CN ID KR SG US.
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- (51)⁷ **H04N 5/91, 5/92, 9/80**
 (11) **WO 01/74067** (13) A1
 (21) PCT/JP01/02734
 (22) **30 Mar/mar 2001 (30.03.2001)**
 (25) ja (26) ja
 (30) 2000-95069 **30 Mar/mar 2000** JP
(30.03.2000)
 (43) 4 Oct/oct 2001 (04.10.2001)
 (54) • COPY GUARD METHOD AND DIGITAL BROADCAST RECEIVING APPARATUS
 • PROCEDE DE PROTECTION ANTI-COPIE ET APPAREIL DE RECEPTION DE RADIODIFFUSION NUMERIQUE
 (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) **NISHIZAKA, Junya** [JP/JP]; 816, Ko, Nakano, Saijo-shi, Ehime 793-0054 (JP). **NI-NOMIYA, Kunio** [JP/JP]; 1-17, Nishiizumi-cho, Niihama-shi, Ehime 792-0832 (JP). **KO-MODA, Koichi** [JP/JP]; 4-23, Miyahara-cho, Niihama-shi, Ehime 792-0833 (JP).

(74) **HAYASE, Kenichi**; Hayase & Co. Patent Attorneys, 8F, Esaka ANA Building, 17-1, Enoki-cho, Suita-shi, Osaka 564-0053 (JP).

(81) CN ID KR SG US.

(51)⁷ **H04N 5/913**

(11) **WO 01/74068** (13) A1

(21) PCT/US01/07919

(22) **13 Mar/mar 2001 (13.03.2001)**

(25) en (26) en

(30) 09/538,107 **29 Mar/mar 2000** US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● A DYNAMIC VIDEO COPY PROTECTION SYSTEM
● SYSTEME DE PROTECTION DYNAMIQUE CONTRE LA COPIE VIDEO

(71) **MACROVISION CORPORATION** [US/US]; 1341 Orleans Drive, Sunnyvale, CA 94089 (US).

(72) **QUAN, Ronald**; 10910 Wunderlich Drive, Cupertino, CA 95014 (US).

(74) **NGUYEN, Frank**; Macrovision Corporation, 1341 Orleans Drive, Sunnyvale, CA 94089 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04N 5/92, G11B 20/10**

(11) **WO 01/74069** (13) A1

(21) PCT/JP01/02405

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) ja (26) ja

(30) 2000-89691 **28 Mar/mar 2000** JP (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● RECORDING APPARATUS, SPECIAL PLAYBACK SYSTEM, MEDIUM AND INFORMATION OBJECT

● APPAREIL D'ENREGISTREMENT, SYSTEME SPECIAL DE RESTITUTION, SUPPORT ET OBJET D'INFORMATION

(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) **KUNO, Yoshiki** [JP/JP]; 14-26-204, Oedanishimachi, Moriguchi-shi, Osaka 570-0054 (JP). **KOUDO, Toshikazu** [JP/JP]; 13-5-302, Matsunamicho, Nishinomiya-shi, Hyogo 663-8102 (JP). **YAGUCHI, Yoshitaka** [JP/JP]; 17-17, Kousai-cho, Takatsuki-shi, Osaka 569-0061 (JP). **KUBO, Noriaki** [JP/JP]; 3-1-508, Tsukimicho, Takatsuki-shi, Osaka 569-1122 (JP). **YAMAUCHI, Kenichoro** [JP/JP]; 6-A103, Shimokainji Tojo, Nagaokakyo-shi, Kyoto 617-0845 (JP). **TANAKA, Ryuichiro** [JP/JP]; 138-8-A201, Hazukashi Shimizucho, Fushimi-ku, Kyoto 612-8485 (JP).

(74) **MATSUDA, Masamichi**; Shin-Osaka Ikushima Bldg., 1-3, Miyahara 5-chome, Yodogawa-ku, Osaka-shi, Osaka 532-0003 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04N 7/01**

(11) **WO 01/74070** (13) A2

(21) PCT/US01/10200

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 60/192,926 **29 Mar/mar 2000** US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● FORMAT CONVERSION
● CONVERSION DE FORMAT

(71) **MTI FILM LLC** [US/US]; 209 Angell Street, Providence, RI 02906 (US).

(72) **YANG, Chengda**; 24 Saniford Street, Auburndale, MA 02466 (US). **MANBECK, Kevin**; 120 Bluff Avenue, Cranston, RI 02905 (US). **GEMAN, Stuart**; 114 Freeman Parkway, Providence, RI 02906 (US). **GEMAN, Donald**; 23 Amity Place, Amherst, MA 01002 (US).

(74) **STICKEVERS, John, 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 BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

(51)⁷ **H04N 7/12, 7/167**

(11) **WO 01/74071** (13) A1

(21) PCT/US01/09026

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 09/538,568 **29 Mar/mar 2000** US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● INTEGRATED CIRCUIT AND METHOD FOR SIGNAL DECRYPTION
● CIRCUIT INTEGRE ET PROCEDE DE DECRYPTAGE DE SIGNAUX

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) **MARUO, Jun**; Tomigaya, Shibuya-Ku, Tokyo 1-88-15-303 (JP). **KAGAMI, Atsushi**; Ru # 402, Komagome, Toshima-Ku, Tokyo 4-12-10 (JP).

(74) **GALLENSON, Mavis** et al. / etc.; Ladas & Parry, 5670 Wilshire Blvd., Suite 2100, Los Angeles, CA 90036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H04N 7/12, H04B 1/66**

(11) **WO 01/74072** (13) A1

(21) PCT/US01/09301

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 09/535,563 **27 Mar/mar 2000** US (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● PROCESSING SEQUENTIAL VIDEO IMAGES TO DETECT IMAGE MOTION AMONG INTERLACED VIDEO FIELDS OR PROGRESSIVE VIDEO IMAGES

● TRAITEMENT D'IMAGES VIDEO SEQUENTIELLES EN VUE DE DETECTER UN MOUVEMENT D'IMAGE PARMI DES CHAMPS VIDEO ENTRELACES OU DES IMAGES VIDEO PROGRESSIVES

(71) **TERANEX, INC.** [US/US]; 7800 Southland Boulevard, Suite 250, Orlando, FL 32809 (US).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAHN, Barry** [US/US]; 10144 Brandon Circle, Orlando, FL 32836 (US).

(74) **MICHAUD, Frederick, G., Jr.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ H04N 7/16, 5/445, G06F 3/00, 13/00

(11) WO 01/74073 (13) A1

(21) PCT/US01/09221

(22) 21 Mar/mar 2001 (21.03.2001)

(25) en (26) en

(30) 60/193,046 29 Mar/mar 2000 US (29.03.2000)

(30) 60/223,267 3 Aug/août 2000 US (03.08.2000)

(30) 09/687,349 13 Oct/oct 2000 US (13.10.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TECHNIQUES FOR CONTROLLING ACCESS TO WEB CONTENT INFORMATION AND TELEVISION CONTENT INFORMATION USING USER MODES AND LEAST COMMON DENOMINATOR TECHNIQUES

- TECHNIQUES VISANT A CONTROLER L'ACCES A DES INFORMATIONS DE CONTENU WEB ET A DES INFORMATIONS DE CONTENU TELEVISUEL AU MOYEN DE MODES UTILISATEUR ET DE TECHNIQUES DU PLUS PETIT DENOMINATEUR COMMUN

(71) DIGEO BROADBAND, INC. [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).

(72) ISTVAN, Anthony, F.; 7213 Chanticleer Avenue SE, Snoqualmie, WA 98065 (US).

(74) CHO, Steve, Y. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/16, 4/445, G06F 3/00, 13/00

(11) WO 01/74074 (13) A1

(21) PCT/US01/09464

(22) 23 Mar/mar 2001 (23.03.2001)

(25) en (26) en

(30) 60/193,046 29 Mar/mar 2000 US (29.03.2000)

(30) 60/223,267 3 Aug/août 2000 US (03.08.2000)

(30) 09/687,587 13 Oct/oct 2000 US (13.10.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • TECHNIQUES FOR CONTROLLING ACCESS TO WEB CONTENT INFORMATION AND TELEVISION CONTENT INFORMATION USING USER MODES

- TECHNIQUES PERMETTANT DE CONTROLER L'ACCES A UN CONTENU WEB ET A UN CONTENU TELEVISUEL A L'AIDE DE MODES UTILISATEUR

(71) DIGEO BROADBAND, INC. [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).

(72) ISTVAN, Anthony, F.; 7213 Chanticleer Avenue SE, Snoqualmie, WA 98065 (US).

(74) CHO, Steve, Y. et al. / etc.; Townsend and Townsend and Crew LLP, 8th Floor, Two Embarcadero 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 7/167

(11) WO 01/74075 (13) A1

(21) PCT/US01/09674

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) 09/538,607 29 Mar/mar 2000 US (29.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • REMOVABLE SMART CARD INTERFACE FOR SET TOP BOX

- INTERFACE AMOVIBLE DE CARTE A PUCE, DESTINEE A UN BOITIER DE DECODAGE

(71) SONY ELECTRONICS, INC. [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).

(72) MARUO, Jun; Tomigaya, Shibuya-Ku, Tokyo 1-88-15-303 (JP). KAGAMI, Atsushi; Ru #402, Komagome, Toshima-ku, Tokyo 4-12-10 (JP).

(74) GALLENSON, Mavis et al. / etc.; Ladas & Parry, 5670 Wilshire Blvd., Suite 2100, Los Angeles, CA 90036 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

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(51)⁷ H04N 7/173

(11) WO 01/74076 (13) A1

(21) PCT/BR01/00029

(22) 26 Mar/mar 2001 (26.03.2001)

(25) en (26) en

(30) PI 0001810 4 28 Mar/mar 2000 BR (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • DISTRIBUTED COOPERATIVE MEMORY FOR INTERACTIVE AND SCALABLE VIDEO-ON-DEMAND SYSTEM

- MEMOIRE COOPERATIVE REPARTIE UTILISEE DANS UN SYSTEME DE VIDEO A LA DEMANDE, INTERACTIF ET ECHELONNABLE

(71) COPPE/UFRJ - COORDENAÇÃO DOS PROGRAMAS DE PÓS GRADUAÇÃO DE ENGENHARIA DA UNIVERSIDADE FEDERAL DO RIO DE JANEIRO [BR/BR]; Centro de Tecnologia, Bloco G, Ilha do Fundão, CEP-21941-590 Rio de Janeiro, RJ (BR).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ISHIKAWA, Edson [BR/BR]; Rua General Severiano, 172, Apto. 1201, Botafogo, CEP-22290-040 Rio de Janeiro, RJ (BR). AMORIM, Claudio, Luis [BR/BR]; Rua Humaitá, 104, Apto. 1006, Botafogo, CEP-22261-001 Rio de Janeiro, RJ (BR).

(74) CASTRO, Joubert, Gonçalves; Praia de Icaraí, 237, apto 1301, Bl B, Icaraí, CEP-24230-003 Niterói, RJ (BR).

(81) AE AG AL AM AT AU AZ BA BB BG BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).

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(51)⁷ H04N 7/173, 7/22, H01S 5/0683, H04L 12/44

(11) WO 01/74077 (13) A1

(21) PCT/US01/07731

(22) 12 Mar/mar 2001 (12.03.2001)

(25) en (26) en

(30) 09/537,022 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • FIBER TO THE HOME (FTTH) MULTIMEDIA ACCESS SYSTEM

- SYSTEME D'ACCES MULTIMEDIA A FIBRE JUSQU'A L'ABONNE (FTTH)

(71) MARCONI COMMUNICATIONS, INC. [US/US]; 5900 Landerbrook Drive, Cleveland, OH 44124 (US).

- (72) **KIMBROUGH, Mahlon, D.**; 2301 Caldwell Drive, Bedford, TX 76021 (US). **MATTHES, John**; 1608 Mockingbird Lane, Southlake, TX 76092 (US). **AUTRY, John**; 5408 Valley View West, Colleyville, TX 76034 (US). **BUABBUD, George, H.**; 1606 Pheasant Lane, South Lake, TX 76052 (US). **GAINER, James**; 1541 Sarah Brooks Drive, Keller, TX 76248 (US). **ETHRIDGE, Barry**; 4117 Periwinkle Drive, Fort Worth, TX 76137 (US).
- (74) **COCHRAN, David, B.** et al. / etc.; Jones, Day, Reavis & Pogue, North Point, 901 Lakeside Avenue, Cleveland, OH 44114 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 7/173**
- (11) **WO 01/74078** (13) A1
- (21) PCT/US01/09556
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) en (26) en
- (30) 60/193,046 **29 Mar/mar 2000 US (29.03.2000)**
- (30) 60/222,883 **3 Aug/août 2000 US (03.08.2000)**
- (30) 09/687,586 **13 Oct/oct 2000 US (13.10.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • AUDIO SOURCE CONTROL TECHNIQUES
- TECHNIQUES DE COMMANDE DE SOURCE AUDIO
- (71) **DIGEO BROADBAND, INC.** [US/US]; 8815 122nd Avenue NE, Kirkland, WA 98033 (US).
- (72) **ISTVAN, Anthony, F.**; 7213 Chanticleer Avenue SE, Snoqualmie, WA 98065 (US).
- (74) **CHO, Steve, Y.** 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **H04N 7/173**
- (11) **WO 01/74079** (13) A1
- (21) PCT/US01/09739
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 09/538,605 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SET TOP BOX COMPRISING MODULAR FUNCTIONAL BLOCKS
- DECODEUR COMPRENANT DES BLOCS FONCTIONNELS MODULAIRES
- (71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
- (72) **MARUO, Jun**; Tomigaya, Shibuya-Ku, Tokyo 1-88-15-303 (JP). **KAGAMI, Atsushi**; Ru # 402, Komagome, Toshima-Ku, Tokyo 4-12-10 (JP).
- (74) **GALLENSON, Mavis** et al. / etc.; Ladas & Parry, 5670 Wilshire Blvd., Suite 2100, Los Angeles, CA 90036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **H04N 7/18**
- (11) **WO 01/74080** (13) A1
- (21) PCT/GB01/01586
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) en (26) en
- (30) 0007029.2 **24 Mar/mar 2000 GB (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • AUDIO VISUAL HEADGEAR
- CASQUE AUDIOVISUEL
- (71) **L & L DEVELOPMENTS LIMITED** [GB/GB]; Excel House, Woodburn Road, Blackburn Business Park, Aberdeen AB21 0PS (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LONGSTAFF, Ian** [GB/GB]; Excel House, Woodburn Road, Blackburn Business Park, Aberdeen AB21 0PS (GB).
- (74) **KENNEDYS PATENT AGENCY LIMITED**; Floor 5, Queens House, 29 St. Vincent Place, Glasgow G1 2DT (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 7/18, 9/47**
- (11) **WO 01/74081** (13) A1
- (21) PCT/US01/08630
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/192,893 **29 Mar/mar 2000 US (29.03.2000)**
- (30) 60/205,155 **18 May/mai 2000 US (18.05.2000)**
- (30) 60/218,683 **17 Jul/juil 2000 US (17.07.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • DIRECT BROADCAST IMAGING SATELLITE SYSTEM APPARATUS AND METHOD FOR PROVIDING REAL-TIME, CONTINUOUS MONITORING OF EARTH FROM GEOSTATIONARY EARTH ORBIT AND RELATED SERVICES
- SYSTEME APPAREIL ET PROCEDE A DIFFUSION DIRECTE EN TEMPS REEL DE SURVEILLANCE CONTINUE DU GLOBE A PARTIR D'ORBITES GEOSTATIONNAIRES, ET SERVICES ASSOCIES
- (71) **ASTROVISION INTERNATIONAL, INC.** [US/US]; 631 South Washington Street, Alexandria, VA 22314 (US).
- (72) **LECOMPTE, Malcolm, A.**; 42 Acton Road, Westford, MA 01886 (US). **HEWINS, Michael**; 107 Golden Gate Avenue, Belvedere, CA 94920 (US).
- (74) **LYTLE, Bradley** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 4th Floor, 1755 Jefferson Davis Highway, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- Published / Publiée : (c)
- (51)⁷ **H04N 7/18**
- (11) **WO 01/74082** (13) A1
- (21) PCT/US01/08789
- (22) **20 Mar/mar 2001 (20.03.2001)**
- (25) en (26) en
- (30) 09/535,534 **27 Mar/mar 2000 US (27.03.2000)**

- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TEMPORAL INTERPOLATION OF INTERLACED OR PROGRESSIVE VIDEO IMAGES
• INTERPOLATION TEMPORELLE D'IMAGES VIDEO ENTRELACEES OU PROGRESSIVES
- (71) **TERANEX, INC.** [US/US]; 7800 Southland Blvd., Suite 250, Orlando, FL 32809 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KAHN, Barry** [US/US]; 10144 Brandon Circle, Orlando, FL 32836 (US).
- (74) **MICHAUD, Frederick, G., Jr.** et al. / etc.; Burns, Doane, Swecker and 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 7/24**
- (11) **WO 01/74083** (13) A1
- (21) PCT/EP01/02905
- (22) **14 Mar/mar 2001 (14.03.2001)**
- (25) en (26) en
- (30) 00400840.5 **27 Mar/mar 2000 EP (27.03.2000)**
- (30) 00402388.3 **29 Aug/août 2000 EP (29.08.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF INSERTING DATA OF A SECOND TYPE INTO AN INPUT STREAM OF A FIRST TYPE
• PROCEDE PERMETTANT D'INTRODUIRE DES DONNES D'UN SECOND TYPE DANS UN FLOT D'ENTREE D'UN PREMIER TYPE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **HERRMANN, Laurent**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MARTIN, Francois**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **DE LA FOUCHARDIERE, Marie-Noëlle**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) BR CN IN JP KR MX.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
- Published / Publiée : (c)
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- (51)⁷ **H04N 7/24, 7/52**
- (11) **WO 01/74084** (13) A2
- (21) PCT/US01/10555
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 60/193,405 **29 Mar/mar 2000 US (29.03.2000)**
- (30) 09/816,906 **23 Mar/mar 2001 US (23.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • INSERTION OF ASYNCHRONOUS DATA INTO A SYNCHRONOUS STREAM
• INSERTION DE DONNEES ASYNCHRONES DANS UN FLUX SYNCHRONES
- (71) **INTELLOCITY USA, INC.** [US/US]; 1400 Market Street, Denver, CO 80202 (US).
- (72) **HASSELL, Joel, G.**; 1400 Market Street, Denver, CO 80202 (US). **REYNOLDS, Steven J.**; 812 Altair Drive, Littleton, CO 80124 (US). **LEMMONS, Thomas**; 7784 S. Swaps Trail, Evergreen, CO 80439 (US). **ZENONI, Ian**; 759 E. Redwood Court, Highlands Ranch, CO 80126 (US). **HUBER, Tom**; 8678 E. Pawnee Road, Parker, CO 80134 (US).
- (74) **GALLENSON, Mavis** et al. / etc.; Ladas & Parry, 5670 Wilshire Blvd., Suite 2100, Los Angeles, CA 90036 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 7/24**
- (11) **WO 01/74085** (13) A2
- (21) PCT/US01/08675
- (22) **19 Mar/mar 2001 (19.03.2001)**
- (25) en (26) en
- (30) 09/535,213 **27 Mar/mar 2000 US (27.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD AND APPARATUS FOR EMBEDDING DATA IN ENCODED DIGITAL BITSTREAMS
• PROCEDE ET APPAREIL PERMETTANT D'INCORPORER DES DONNEES DANS DES TRAINS DE BITS CODES
- (71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, Princeton, NJ 08543-5300 (US).
- (72) **ISNARDI, Michael, A.**; 7 MacKenzie Lane, Plainsboro, NJ 08536 (US).
- (74) **BERARD, Clement, A.**; DANN, DORFMAN, HERRELL and SKILLMAN, P.C., 1601 Market Street, Suite 720, Philadelphia, PA 19103-2307 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW
- MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04N 7/26**
- (11) **WO 01/74086** (13) A2
- (21) PCT/EP01/03565
- (22) **29 Mar/mar 2001 (29.03.2001)**
- (25) en (26) en
- (30) 09/539,909 **30 Mar/mar 2000 US (30.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • BACKWARD COMPATIBLE MULTIPLE DATA STREAM TRANSMISSION METHOD AND SYSTEM FOR COMPRESSED DOMAIN SIGNALS
• PROCEDE ET SYSTEME DE TRANSMISSION DE TRAINS DE DONNEES MULTIPLES RETRO-COMPATIBLES, POUR SIGNAUX DANS LE DOMAINE COMPRISE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **MEEHAN, Joseph, P.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP KR.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04N 7/26**
- (11) **WO 01/74087** (13) A2
- (21) PCT/SE01/00622
- (22) **22 Mar/mar 2001 (22.03.2001)**
- (25) en (26) en
- (30) 60/191,714 **24 Mar/mar 2000 US (24.03.2000)**
- (30) 09/808,018 **15 Mar/mar 2001 US (15.03.2001)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • FRAME DECIMATION FOR STRUCTURE FROM MOTION
• DECIMATION DE TRAME DESTINEE A UNE STRUCTURE DE MOUVEMENT
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **EINARSSON, Torbjörn**; Fridhemsgatan 29A, S-112 40 Stockholm (SE). **NISTER, David**; Ymergatan 17B, S-753 25 Uppsala (SE).
- (74) **LUNDHOLM-CARLSSON, Lena**; Ericsson Radio Systems AB, Patent Unit Research, S-164 80 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU

ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ H04N 9/097

(11) WO 01/74088 (13) A1

(21) PCT/EP01/03476

(22) 27 Mar/mar 2001 (27.03.2001)

(25) de (26) de

(30) 100 15 222.8 27 Mar/mar 2000 DE (27.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • OPTICAL CARRIER AND HOUSING ARRANGEMENT FOR RECEIVING A COLOR SPLITTER SYSTEM AND SEVERAL IMAGE CONVERTERS

• ENSEMBLE SUPPORT ET BOITIER OPTIQUE SERVANT A RECEVOIR UN SYSTEME SEPARATEUR DE COULEURS ET PLUSIEURS CONVERTISSEURS D'IMAGE

(71) COBRA ELECTRONIC GMBH [DE/DE]; Moritz-von-Ruhr-Strasse 1 a, 07745 Jena (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) KOTHMEIER, Georg-Emil [DE/DE]; Unterfeldstrasse 6 a, 85051 Ingolstadt (DE).

(74) KRUSPIG, Volkmar et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, 81633 München (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ H04N 11/00, G08B 23/02

(11) WO 01/74089 (13) A1

(21) PCT/US00/08973

(22) 4 Apr/avr 2000 (04.04.2000)

(25) en (26) en

(30) 09/534,223 24 Mar/mar 2000 US (24.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTIMODE APPARATUS WITH COMMUNICATION AND CONTROL FEATURES

• APPAREIL MULTIMODE A CARACTERISTIQUES DE COMMUNICATION ET DE COMMANDE

(71) CMi WORLDWIDE [US/US]; 600 Stewart Street, Suite 700, Seattle, WA 98101 (US).

(72) HARRISON G., Robert; 1520 Bellevue Avenue, Seattle, WA 98122 (US). KNODLE, Daniel, W.; 1520 Bellevue Avenue, Seattle, WA 98122 (US).

(74) TERMES, Lance, A. et al. / etc.; Blakely Sokoloff Taylor & Zafmann LLP, 12400 Wilshire Blvd., Seventh Flooreet, Los Angeles, CA 90025-1030 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04N 13/02, 5/222, G06F 17/60

(11) WO 01/74090 (13) A1

(21) PCT/JP01/02778

(22) 30 Mar/mar 2001 (30.03.2001)

(25) ja (26) ja

(30) 2000-98481 31 Mar/mar 2000 JP (31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD FOR POSTING THREE-DIMENSIONAL IMAGE DATA AND SYSTEM FOR CREATING THREE-DIMENSIONAL IMAGE

• METHODE DE POSTAGE DE DONNEES D'IMAGES TRIDIMENSIONNELLES ET PROCEDE DE REALISATION D'UNE IMAGE TRIDIMENSIONNELLE

(71) OLYMPUS OPTICAL CO., LTD. [JP/JP]; 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) YAMAOKA, Toshihide [JP/JP]; 2-4-9, Gochicho, Akishima-shi, Tokyo 196-0032 (JP).

(74) SUZUYE, Takehiko et al. / etc.; c/o SUZUYE & SUZUYE, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).

(81) CN KR US.

(84) EP (DE FR GB).

(51)⁷ H04Q 1/00

(11) WO 01/74091 (13) A2

(21) PCT/US01/40385

(22) 28 Mar/mar 2001 (28.03.2001)

(25) en (26) en

(30) 60/192,989 28 Mar/mar 2000 US (28.03.2000)

(30) 09/814,621 22 Mar/mar 2001 US (22.03.2001)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • CABLE MANAGER FOR NETWORK RACK

• GESTIONNAIRE DE CABLES POUR CASIERS DE STOCKAGE EN RESEAU

(71) PANDUIT CORP. [US/US]; 17301 South Ridgeland Avenue, Tinley Park, IL 60477-3091 (US).

(72) MCGRATH, Michael, J.; 240 East Wood Street, New Lenox, IL 60451 (US). GOODWIN, Kevin, L.; 335 Oregon Street, Frankfort, IL 60423 (US).

(74) MCCANN, Robert, A. et al. / etc.; Panduit Corp., 17301 South Ridgeland Avenue, Tinley Park, IL 60477-3091 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ H04Q 3/00

(11) WO 01/74092 (13) A2

(21) PCT/US01/04857

(22) 15 Feb/fév 2001 (15.02.2001)

(25) en (26) en

(30) 09/536,541 28 Mar/mar 2000 US (28.03.2000)

(30) 09/536,958 28 Mar/mar 2000 US (28.03.2000)

(30) 09/537,016 28 Mar/mar 2000 US (28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INTELLIGENT COMMUNICATIONS POINT PLATFORM

• PLATEFORME A POINT DE COMMUNICATION INTELLIGENT

(71) SEVIS SYSTEMS, INC. [US/US]; 17950 Preston Road, Suite 700, Dallas, TX 75252 (US).

(72) ASHDOWN, Mike; 5508 Belle Chasse, Frisco, TX 75035 (US). SHEN, Hu; 4020 Sunflower Lane, Plano, TX 75024 (US). LYNCHARD, Steve; 14006 Tree Crossing Street, San Antonio, TX 78247 (US). WINSLOW, Robert; 5075 Pear Ridge Drive, Apt. 634, Dallas, TX 75287 (US).

(74) MULLER, Mark, V.; Jenkens & Gilchrist, PC, 1445 Ross Avenue, Suite 3200, Dallas, TX 75202-2799 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

- (51)⁷ **H04Q 3/54**
(11) **WO 01/74093** (13) A1
(21) PCT/CN00/00063
(22) **27 Mar/mar 2000 (27.03.2000)**
(25) zh (26) zh
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A METHOD OF VOICE SIGNAL SWITCHING BY A COMPUTER STANDARD BUS AND MULTIPLE TELEPHONE DIGITAL SWITCHING MODULES FOR IMPLEMENTING THE METHOD
• PROCEDE DE COMMUTATION DE SIGNAUX DE PAROLE FAISANT APPEL A UN BUS STANDARD INFORMATIQUE ET MODULE DE COMMUTATION NUMERIQUE POUR MULTIPLEXEUR TELEPHONIQUE PERMETTANT LA MISE EN OEUVRE DUDIT PROCEDE
- (71, 72) **BING, Wei** [CN/CN]; B6, 161 Room, Wenquan Garden, Beiqijia Town, Changping District, Beijing 102209 (CN).
- (74) **BEIJING PATENT AGENCY**; 16 Xizhimen Nandajie, Xicheng District, Beijing 100035 (CN).
- (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 SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 7/00**
(11) **WO 01/74095** (13) A2
(21) PCT/SE01/00639
(22) **23 Mar/mar 2001 (23.03.2001)**
(25) en (26) en
(30) 60/192,686 **28 Mar/mar 2000 US (28.03.2000)**
(30) 09/718,713 **22 Nov/nov 2000 US (22.11.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • HANDOVER IN A PACKET SWITCHED WIRELESS COMMUNICATIONS NETWORK
• TRANSFERT DANS UN RESEAU DE COMMUNICATION RADIO COMMUTE PAR PAQUETS
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
- (72) **AHLSTRAND, Susanne**; Drevkarlstigen 2, S-192 53 Sollentuna (SE). **TEDENVALL, Lars**; Röingegatan 114, S-281 37 Hässelholm (SE).
- (74) **MAGNUSSON, Monica**; Ericsson Radio Systems AB, Patent Unit Radio Access, S-164 80 Stockholm (SE).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 7/00**
(11) **WO 01/74094** (13) A2
(21) PCT/EP01/03874
(22) **30 Mar/mar 2001 (30.03.2001)**
(25) en (26) en
(30) 0001173-4 **31 Mar/mar 2000 SE (31.03.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • TRAFFIC LOAD DISTRIBUTION BETWEEN BASE RADIO STATIONS
• REPARTITION DE LA CHARGE DE TRAFIC ENTRE STATIONS RADIO DE BASE
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HENRIKSSON, Anders** [SE/SE]; Dr. Liborious gata 14 B, S-413 23 Göteborg (SE).
- (74) **ANDERSSON, Per** et al. / etc.; Albihns Göteborg AB, P.O. 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 EE ES FI GB GD GE GH GM HR HU ID IL IN 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
- 94107 (US). **STUMM, Michael** [CA/CA]; c/o Soma Networks, Inc., Suite 700, 312 Adelaide Street W., Toronto, Ontario M5V 1R2 (CA). **SNELGROVE, William, M.** [CA/CA]; c/o Soma Networks, Inc., Suite 700, 312 Adelaide Street W., Toronto, Ontario M5V 1R2 (CA).
- (74) **STRATTON, Robert, P.** et al. / etc.; c/o Soma Networks, Inc., Suite 700, 312 Adelaide Street W., Toronto, Ontario M5V 1R2 (CA).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 7/22, 7/32, H04M 1/66, G06F 17/00**
(11) **WO 01/74097** (13) A1
(21) PCT/AU01/00347
(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en
(30) PQ 6548 **28 Mar/mar 2000 AU (28.03.2000)**
(30) PQ 9708 **25 Aug/août 2000 AU (25.08.2000)**
(43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR FACILITATING RETRIEVAL OF A MOBILE PHONE
• PROCEDE DESTINE A FACILITER LA RECUPERATION D'UN TELEPHONE PORTABLE
- (71) **CPR TECHNOLOGIES PTY. LTD.** [AU/AU]; 2nd Floor, 105 St George's Terrace, Perth, W.A. 6000 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HOPKINS, Alan, Gerard** [AU/AU]; 4 Rydal Place, Carine, W.A. 6020 (AU). **WALEES, Anthony, Edward** [AU/AU]; 23/93 Forrest Street, Fremantle, W.A. 6160 (AU).
- (74) **WRAY & ASSOCIATES**; 6th Floor, 239 Adelaide Terrace, Perth, W.A. 6000 (AU).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 7/30**
(11) **WO 01/74098** (13) A1
(21) PCT/FR01/00811
- (72, 75) **PATHAK, Yatish** [US/US]; c/o Soma Networks, Inc., China Wharf Basin, Suite 2000, 185 Berry Street, San Francisco, CA

(22) **19 Mar/mar 2001 (19.03.2001)**
(25) fr (26) fr
(30) 00/03923 **28 Mar/mar 2000 FR (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● EXTENDED MOBILE TELEPHONE NETWORK AND PAYPHONE THEREFOR
● RESEAU DE RADIOTELEPHONIE MOBILE ETENDU ET PUBLIPHONE POUR LA MISE EN OEUVRE D'UN TEL RESEAU

(71) **SCHLUMBERGER SYSTEMES** [FR/FR]; Test & Transactions Intellectual Property Dept., 50, avenue Jean Jaurès, F-92120 Montrouge (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARAKAT, Simon** [FR/FR]; 5bis, route de Leuville, F-91290 Saint Germain les Arpajon (FR). **MENGUS, Jean-Paul** [FR/FR]; 9, rue Charles Gounod, F-95360 Montmagny (FR). **SAFINYA, Kambiz** [FR/FR]; 15, rue de Suresnes, F-92380 Garches (FR).

(74) **FERNANDEZ, Francis**; Schlumberger Systèmes, 50, avenue Jean Jaurès, Boîte Postale 620-12, F-92542 Montrouge Cedex (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).

(51)⁷ **H04Q 7/30, H04L 12/28**

(11) **WO 01/74099** (13) A1
(21) PCT/GB01/01434

(22) **28 Mar/mar 2001 (28.03.2001)**
(25) en (26) en

(30) 0007518.4 **28 Mar/mar 2000 GB (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)
(54) ● RADIO COMMUNICATIONS INFRASTRUCTURE USING A PACKET COMMUNICATION PROTOCOL
● INFRASTRUCTURE DE RADIOCOMMUNICATIONS UTILISANT UN PROTOCOLE DE COMMUNICATION PAR PAQUETS

(71) **SIMOCO INTERNATIONAL LIMITED** [GB/GB]; P.O. Box 24, St. Andrews Road, Cambridge CB4 1DP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAYNE, Mark, Wentworth** [GB/GB]; 5 St. James Close, Stretham, Nr. Ely, Cambridgeshire CB6 3ND (GB).

(74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 4EL (GB).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY

BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04Q 7/30**

(11) **WO 01/74100** (13) A1

(21) PCT/US01/09724

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 60/192,186 **27 Mar/mar 2000 US (27.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● MULTI-PROTOCOL DISTRIBUTED WIRELESS SYSTEM ARCHITECTURE
● ARCHITECTURE DE SYSTEME SANS FIL REPARTI MULTI-PROTOCOLE

(71) **TRANSCRYPT OPENCELL, INC.** [US/US]; 955 Perimeter Road, Manchester, NH 03103 (US).

(72) **SABAT, John, Jr.**; 16 Hansom Drive, Merrimack, NH 03054 (US). **YELLE, Peter**; 130 Park Road, Chelmsford, MA 01824 (US).

(74) **THIBODEAU, David, J., Jr.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04Q 7/32, 7/22, 7/06**

(11) **WO 01/74101** (13) A1

(21) PCT/FI01/00289

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) fi (26) en

(30) 20000688 **24 Mar/mar 2000 FI (24.03.2000)**

(30) 20002257 **13 Oct/oct 2000 FI (13.10.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● SYSTEM FOR LOCATING AN EMPLOYEE OR SIMILAR AND FOR SUPERVISING WORK
● SYSTEME SERVANT A LOCALISER UN EMPLOYE ET A SUPERVISER DES TACHES

(71) **RESCONTROL OY** [FI/FI]; Pyyntitie 1, FIN-02230 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NISSINEN, Jarmo** [FI/FI]; Karhusuontie 72, FIN-00780 Helsinki (FI). **JÄRVINEN, Esa** [FI/FI]; Pisantie 18 B 5, FIN-02280 Espoo (FI).

(74) **KESPAT OY**; P.O.Box 601, FIN-40101 Jyväskylä (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04Q 7/34**

(11) **WO 01/74102** (13) A1

(21) PCT/JP01/02804

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-099926 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) ● POSITION INFORMATION INFORMING METHOD AND MOBILE COMMUNICATION TERMINAL

● PROCEDE POUR COMMUNIQUER DES INFORMATIONS DE POSITION ET TERMINAL DE COMMUNICATION MOBILE

(71) **NTT DOCOMO, INC.** [JP/JP]; 11-1, Nagat-cho 2-chome, Chiyoda-ku, Tokyo 100-6150 (JP).

(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Hiroyuki** [JP/JP]; 16-5-534, Mori 6-chome, Isogo-ku, Yokohama-shi, Kanagawa 235-0023 (JP).

MAEDA, Masaaki [JP/JP]; 2-15-305, Nakamura-Minami 3-chome, Nerima-ku, Tokyo 176-0025 (JP). **TAKAHARA, Koichi** [JP/JP]; 19-3-113, Minami 1-chome, Meguro-ku, Tokyo 152-0013 (JP). **KAIWA, Masahiro** [JP/JP]; NTT Futawa-ryou A-202, 19-1, Futawa Higashi 5-chome, Funabashi-shi, Chiba 274-0805 (JP). **TANI-BAYASHI, Yoichi** [JP/JP]; 6-5-B-704, Fujisawa 3-chome, Fujisawa-shi, Kanagawa 251-0052 (JP). **NAKAJIMA, Kaoru** [JP/JP]; 19-11-404, Shimosueyoshi 4-chome,

- Tsurumi-ku, Yokohama-shi, Kanagawa 230-0012 (JP). **MATSUO, Junko** [JP/JP]; 4-14, Kajino-cho 2-chome, Koganei-shi, Tokyo 184-0002 (JP). **KOSUGE, kazunori** [JP/JP]; Corporate-house Silvia 5-204, 38-26, Toyooka-cho, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0062 (JP). **MURATA, Katsutoshi** [JP/JP]; 8-24, Aoyagi 1-chome, Kunitachi-shi, Tokyo 186-0013 (JP).
- (74) **KAWASAKI, Kenji**; ASahi PATENT OFFICE, 7th Fl., Toyo Bldg., 2-10, Nihonbashi 1-chome, Chuo-ku, Tokyo 103-0027 (JP).
- (81) CN JP KR SG US.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04Q 7/36**
- (11) **WO 01/74103** (13) A1
- (21) PCT/CN01/00018
- (22) **12 Jan/jan 2001 (12.01.2001)**
- (25) zh (26) zh
- (30) 00 1 03548.7 **27 Mar/mar 2000** CN (27.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD OF CELL INITIAL SEARCH IN CDMA DIGITAL MOBILE TELECOMMUNICATION SYSTEM
- PROCEDE DE RECHERCHE INITIALE CELLULAIRE DANS UN SYSTEME DE COMMUNICATION MOBILE NUMERIQUE A ACCES MULTIPLE PAR REPARTITION DE CODE (AMRC)
- (71) **CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY, MII** [CN/CN]; 40 Xue Yuan Road, Haidian District, Beijing 100083 (CN).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **LI, Feng** [CN/CN]; 40 Xue Yuan Road, Haidian District, Beijing 100083 (CN). **XU, Tiezhu** [CN/CN]; 40 Xue Yuan Road, Haidian District, Beijing 100083 (CN). **HE, Yuesong** [CN/CN]; 40 Xue Yuan Road, Haidian District, Beijing 100083 (CN). **RAN, Xiaolong** [CN/CN]; 40 Xue Yuan Road, Haidian District, Beijing 100083 (CN).
- (74) **BEIJING SANYOU PATENT AGENCY CO., LTD.**; 40 North Sanhuanzhonglu Road, Beijing 100088 (CN).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 7/36, H04J 11/00, 13/00**
- (11) **WO 01/74104** (13) A1
- (21) PCT/JP01/02312
- (22) **23 Mar/mar 2001 (23.03.2001)**
- (25) ja (26) ja
- (30) 2000-92364 **29 Mar/mar 2000** JP (29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • COMMUNICATION TERMINAL AND RADIO COMMUNICATION METHOD
- TERMINAL DE COMMUNICATION ET PROCEDE DE RADIOCOMMUNICATION
- (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) **KANEMOTO, Hideki** [JP/JP]; 6-2-801, Hikari no Oka, Yokosuka-shi, Kanagawa 239-0847 (JP). **KATO, Osamu** [JP/JP]; 5-45-G302, Shonantakatori, Yokosuka-shi, Kanagawa 237-0066 (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 CR CU CZ DE DK DM DZ 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 7/36, H04J 3/16**
- (11) **WO 01/74105** (13) A1
- (21) PCT/JP01/02402
- (22) **26 Mar/mar 2001 (26.03.2001)**
- (25) ja (26) ja
- (30) 2000-92253 **29 Mar/mar 2000** JP (29.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • RADIO COMMUNICATION SYSTEM AND CHANNEL ALLOCATION METHOD IN TIME DIVISION MULTIPLEX CONNECTION COMMUNICATION METHOD
- SYSTEME DE RADIOCOMMUNICATION ET PROCEDE D'ATTRIBUTION DE CANAUX DANS UN PROCEDE DE COMMUNICATION A MULTIPLEXAGE A REPARTITION DANS LE TEMPS
- (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) **HIRAMATSU, Katsuhiko** [JP/JP]; 2-56-14-1212, Kinugasasakae-cho, Yokosuka-shi, Kanagawa 238-0031 (JP). **KATO, Osamu** [JP/JP]; 5-45-G302, Shonantakatori, Yokosuka-shi, Kanagawa 237-0066 (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 CR CU CZ DE DK DM
- DZ 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 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 7/38**
- (11) **WO 01/74106** (13) A1
- (21) PCT/DE01/01020
- (22) **16 Mar/mar 2001 (16.03.2001)**
- (25) de (26) de
- (30) 100 15 317.8 **28 Mar/mar 2000** DE (28.03.2000)
- (30) 100 42 511.9 **30 Aug/août 2000** DE (30.08.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • METHOD FOR TRANSMITTING SIGNALING
- PROCEDE DE TRANSMISSION D'UNE SIGNALISATION
- (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) **KOWALEWSKI, Frank** [DE/DE]; Schierke 16, 38288 Salzgitter (DE). **BAER, Siegfried** [DE/DE]; Belchenstrasse 9, 75179 Pforzheim (DE). **GOTTSCHALK, Thomas** [DE/DE]; Erlenkamp 4a, 38126 Braunschweig (DE). **CHOI, Hyung-Nam** [KR/DE]; Amrumer Knick 11, 22117 Hamburg (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).
- Published / Publiée : (c)
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- (51)⁷ **H04Q 7/38**
- (11) **WO 01/74107** (13) A1
- (21) PCT/EP01/02614
- (22) **7 Mar/mar 2001 (07.03.2001)**
- (25) en (26) en
- (30) 0007334.6 **28 Mar/mar 2000** GB (28.03.2000)
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • USE OF TIME OFFSETS TO ENCODE INFORMATION IN A RANDOM ACCESS CHANNEL
- UTILISATION DES DÉCALAGES TEMPORELS POUR CODER DES INFORMATIONS DANS UN CANAL D'ACCÈS ALÉATOIRE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **MOULSLEY, Timothy, J.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **HUNT, Bernard**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **WHITE, Andrew, G.**; Internationaal Octrooibureau B.V., Prof Holstlaan 6, NL-5656 AA Eindhoven (NL).

(81) CN IN JP KR.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).

Published / Publiée : (c)

(51)⁷ **H04Q 7/38, H04L 12/56**

(11) **WO 01/74108** (13) A1

(21) PCT/FI01/00308

(22) **29 Mar/mar 2001 (29.03.2001)**

(25) en (26) en

(30) 20000753 **31 Mar/mar 2000** FI
(31.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **HANDOVER IN A WIRELESS MOBILE-IP NETWORK**

• **PROCEDE DE TRANSFERT DANS UN RESEAU MOBILE SANS FIL DE PROTOCOLE INTERNET**

(71) **NOKIA OYJ** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **XU, Lin** [CN/FI]; Vilppulanpolku 4 A 1, FIN-33720 Tampere (FI). **PAILA, Toni** [FI/FI]; Everstinkuja 1 C 66, FIN-02600 Espoo (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN-00121 Helsinki (FI).

(81) AE AG AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) DM DZ EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SK (Utility model / modèle d'utilité) 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 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04Q 7/38**

(11) **WO 01/74109** (13) A1

(21) PCT/GB01/01233

(22) **21 Mar/mar 2001 (21.03.2001)**

(25) en (26) en

(30) 00302504.6 **28 Mar/mar 2000** EP
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **TRANSFER OF SUBSCRIBER INFORMATION TO VISITED NETWORKS**

• **TRANSFERT D'INFORMATIONS D'ABONNE VERS DES RESEAUX VISITES**

(71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUGHES, John, Stephen** [GB/GB]; 2 River Hill, Bramford Road, Bramford, Ipswich, Suffolk IP8 4BB (GB). **HARRIS, Stephen** [GB/GB]; 9 Haughgate Close, Woodbridge, Suffolk IP12 1LQ (GB).

(74) **SEMOS, Robert, Ernest, Vickers**; BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04Q 7/38**

(11) **WO 01/74110** (13) A1

(21) PCT/IB01/00504

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/539,148 **30 Mar/mar 2000** US
(30.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **APPARATUS, AND AN ASSOCIATED METHOD, FOR SELECTING A LIKELY TARGET CELL IN A CELLULAR COMMUNICATION SYSTEM**

• **DISPOSITIF, ET PROCEDE ASSOCIE, DE SELECTION D'UNE CELLULE VRAISEMBLABLEMENT CIBLE, DANS UN SYSTEME DE COMMUNICATION CELLULAIRE**

(71) **NOKIA MOBILE PHONES LIMITED** [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) **WANG, Shu-Shaw**; 1803 Longbranch Court, Arlington, TX 76012 (US). **PURNADI, Rene, W.**; 118 Elm Fork Drive, Coppell, TX 75019 (US). **HSU, Liangchi**; 2614 Tillman Drive, Arlington, TX 76006 (US).

(74) **KELLY, Robert, H.** et al. / etc.; Novakov 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 CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

Published / Publiée : (c)

(51)⁷ **H04Q 11/00**

(11) **WO 01/74111** (13) A1

(21) PCT/GB01/01370

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0007553.1 **28 Mar/mar 2000** GB
(28.03.2000)

(30) 0007552.3 **28 Mar/mar 2000** GB
(28.03.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • **ROUTING DEVICE FOR ALL OPTICAL NETWORKS**

• **DISPOSITIF D'ACHEMINEMENT POUR TOUS RESEAUX OPTIQUES**

(71) **DITECH COMMUNICATIONS CORPORATION** [US/US]; 825 East Middlefield Road, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUILD, Kenneth** [GB/GB]; 252 Chinook, Highwoods, Colchester, Essex CO4 4UX (GB). **SIMEONIDOU, Dimitra** [GB/GB]; 3 Keepers Green, Braiswick, Colchester, Essex CO4 5UT (GB). **TZANAKAKI, Anna** [GB/GB]; 16 Balfe Court, Colchester, Essex CO4 3XL (GB). **O'MAHONY, Michael** [GB/GB]; 6 Priory Road, Felixstowe, Suffolk IP11 7NE (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).

(51)⁷ **H04Q 11/00**

(11) **WO 01/74112** (13) A1

(21) PCT/GB01/01372

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) en (26) en

(30) 0007549.9 **28 Mar/mar 2000** GB
(28.03.2000)

(30) 0007554.9 **28 Mar/mar 2000** GB
(28.03.2000)

(30) 0019868.9 **11 Aug/août 2000** GB
(11.08.2000)

(43) 4 Oct/oct 2001 (04.10.2001)

- (54) • A TUNABLE FILTER
• FILTRE ACCORDABLE
- (71) **DITECH COMMUNICATIONS CORPORATION** [US/US]; 825 East Middlefield Road, Mountain View, CA 94043 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GUILD, Kenneth** [GB/GB]; 252 Chinook, Highwoods, Colchester, Essex CO4 4UX (GB). **O'MAHONY, Michael** [GB/GB]; 6 Priory Road, Felixstowe, Suffolk IP11 7NE (GB). **TZANAKAKI, Anna** [GB/GB]; 16 Balfe Court, Colchester, Essex CO4 3XL (GB). **SIMEONIDOU, Dimitra** [GB/GB]; 3 Keepers Green, Braiswick, Colchester, Essex CO4 5UT (GB).
- (74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN 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 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04Q 11/00**
- (11) **WO 01/74113** (13) A1
- (21) PCT/GB01/00664
- (22) **16 Feb/fév 2001 (16.02.2001)**
- (25) en (26) en
- (30) 00302426.2 **24 Mar/mar 2000 EP (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • OPTICAL SIGNALLING SYSTEM
• SYSTEME DE SIGNALISATION OPTIQUE
- (71) **BRITISH TELECOMMUNICATIONS PUBLIC LIMITED COMPANY** [GB/GB]; 81 Newgate Street, London EC1A 7AJ (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HILL, Alan, Michael** [GB/GB]; The Old Police House, Park Road, Grundisburgh, Woodbridge, Suffolk IP13 6TP (GB).
- (74) **ROBERTS, Simon, Christopher**; BT Group Legal Services, Intellectual Property Department, Holborn Centre, 8th Floor, 120 Holborn, London EC1N 2TE (GB).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04R 1/28**
- (11) **WO 01/74116** (13) A2
- (21) PCT/EP01/02904
- (22) **14 Mar/mar 2001 (14.03.2001)**
- (25) en (26) en
- (30) 00201112.0 **28 Mar/mar 2000 EP (28.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PASSIVE RADIATOR HAVING MASS ELEMENTS
• RADIATEUR PASSIF MUNI D'ELEMENTS DE MASSE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
- (72) **D'HOOGH, Guido, O., M.**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **SCHRIJNEMAEEKERS, Hubert, J., M.**; Internationaal Octrooibureau B.V., Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (81) CN JP.
- (84) EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR).
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- (51)⁷ **H04R 1/34, G01S 3/80**
- (11) **WO 01/74117** (13) A1
- (21) PCT/US00/07843
- (22) **24 Mar/mar 2000 (24.03.2000)**
- (25) en (26) en
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • SPATIAL SOUND STEERING SYSTEM
• SYSTEME DE COMMANDE SONORE SPATIAL
- (71) **INTEL CORPORATION** [US/US]; 2625 Walsh Avenue, Santa Clara, CA 95051 (US).
- (72) **SHEN, Albert**; 12840 S.W. Faircrest Street, Portland, OR 97225 (US).
- (74) **VIKSINNS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
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- (51)⁷ **H04R 25/00**
- (11) **WO 01/74118** (13) A1
- (21) PCT/US01/08372
- (22) **15 Mar/mar 2001 (15.03.2001)**
- (25) en (26) en
- (30) 09/534,682 **24 Mar/mar 2000 US (24.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • EFFICIENT COMPUTATION OF LOG-FREQUENCY-SCALE DIGITAL FILTER CASCADE
• CALCUL EFFICACE D'UNE CASCADE DE FILTRES NUMERIQUES A
- (BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG).
- Published / Publiée : (c)
- (51)⁷ **H04R**
- (11) **WO 01/74114** (13) A2
- (21) PCT/EP01/03810
- (22) **27 Mar/mar 2001 (27.03.2001)**
- (25) en (26) en
- (30) 0007624.0 **29 Mar/mar 2000 GB (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • A LOUDSPEAKER
• HAUT-PARLEUR
- (71) **NOKIA MOBILE PHONES LIMITED** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
- (72) **D'SOUZA, Winand**; 1 Guerdon Place, Bracknell, Berkshire RG12 7FH (GB).
- (74) **HIBBERT, Juliet** et al. / etc.; Nokia IPR Department, Nokia House, Summit Avenue, Farnborough, Hampshire GU14 ONG (GB).
- (81) DE (Utility model / modèle d'utilité) JP (Utility model / modèle d'utilité).
-
- (51)⁷ **H04R**
- (11) **WO 01/74115** (13) A2
- (21) PCT/US01/02154
- (22) **22 Jan/jan 2001 (22.01.2001)**
- (25) en (26) en
- (30) 09/538,861 **29 Mar/mar 2000 US (29.03.2000)**
- (43) 4 Oct/oct 2001 (04.10.2001)
- (54) • PLANAR LOUDSPEAKER FOR CABIN-LIKE ENVIRONMENT
• HAUT-PARLEUR PLAT DESTINE A UN ENVIRONNEMENT DU TYPE CABINE
- (71) **SOUND ADVANCE SYSTEMS, INC.** [US/US]; 3202 South Shannon Street, Santa Ana, CA 92704 (US).
- (72) **BERTAGNI, Alejandro**; 22301 Chestnut Lane, Lake Forest, CA 92630 (US). **BERTAGNI, Eduardo**; 13340 Savanna, Tustin, CA 92782 (US).
- (74) **GRIECCI, John, A.**; Sheppard Mullin Richter & Hampton LLP, 48th floor, 333 South Hope Street, Los Angeles, CA 90071 (US).
- (81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.
- (84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).
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- (51)⁷ **H04R 1/28**
- (11) **WO 01/74116** (13) A2
- (21) PCT/EP01/02904

ECHELLE LOGARITHMIQUE DE FREQUENCES

(71) **APPLIED NEUROSYSTEMS CORPORATION** [US/US]; Suite 205, 4906 El Camino Real, Los Altos, CA 94022 (US).

(72) **WATTS, Lloyd**; 500 Chiquita Avenue #14, Mountain View, CA 94041 (US).

(74) **VAN PELT, Lee**; Van Pelt & Yi, LLP, Suite 205, 4906 El Camino Real, Los Altos, CA 94022 (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 SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H05B 33/04, C09K 11/02, C09C 3/10**

(11) **WO 01/74119** (13) A1

(21) PCT/US01/08911

(22) **20 Mar/mar 2001 (20.03.2001)**

(25) en (26) en

(30) 60/192,126 **24 Mar/mar 2000 US (24.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • POLYMERIC ORGANIC COATINGS AND METHOD OF MANUFACTURE THEREOF
• REVETEMENTS ORGANIQUES POLYMERES ET PROCEDE DE FABRICATION

(71) **WORLD PROPERTIES, INC.** [US/US]; Suite 410, 7366 North Lincoln Avenue, Lincolnwood, IL 60646 (US).

(72) **BARTON, Carlos, L.**; 164 Christian Hill Road, Brooklyn, CT 06234 (US). **SEERY, Thomas, A., P.**; 20 Ridgewood Road, Willington, CT 06279 (US). **GAO, Hanrong**; 57A Van Wyk Road, Hiawatha, NJ 07034 (US). **JACOB, Jayanthi**; 12863 Brookshire Parkway, Carmel, IN 46033 (US).

(74) **REIMER, Leah, M.**; 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 EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H05B 33/08, A47G 19/22**

(11) **WO 01/74120** (13) A1

(21) PCT/FR01/00914

(22) **26 Mar/mar 2001 (26.03.2001)**

(25) fr (26) fr

(30) 00/04243 **29 Mar/mar 2000 FR (29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • LIGHT-EMITTING ARTICLES, IN PARTICULAR GLASSES AND OTHER ARTICLES FOR PARTIES AND OTHER USES
• ARTICLES LUMINEUX JETABLES, NOTAMMENT VERRES ET AUTRES ARTICLES POUR LA FETE OU AUTRES APPLICATIONS

(71, 72) **MERMAZ, Christophe** [FR/FR]; "Marcorens", F-74140 Ballaison (FR). **PECQUET, Dominique** [FR/FR]; Route de La Tiré, F-74250 Fillinges (FR).

(74) **RICHEBOURG, Michel**; Cabinet Michel Richebourg, Le Clos du Golf, 69, rue Saint Simon, F-42000 Saint Etienne (FR).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

Declarations / Déclarations :

(s) for all designations except / pour toutes les designations sauf US; (s) for all designations except / pour toutes les designations sauf US
(u) for / pour US only / seulement; (u) for / pour US only / seulement

(51)⁷ **H05B 33/10, 33/14, 33/22, 33/26**

(11) **WO 01/74121** (13) A1

(21) PCT/JP01/02794

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-98160 **31 Mar/mar 2000 JP (31.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • ORGANIC EL DEVICE AND METHOD OF MANUFACTURE THEREOF
• DISPOSITIF ELECTROLUMINESCENT ORGANIQUE ET PROCEDE DE FABRICATION

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-Shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).

(72) **SEKI, Shunichi**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **MORII, Katsuyuki**; c/o SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **KAMIYANAGI, Masataka** et al. / etc.; c/o Intellectual Property Division, SEIKO EPSON CORPORATION, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(81) CN JP KR.

(51)⁷ **H05B 41/00, F21S 3/00, H01J 7/26, H01R 4/24**

(11) **WO 01/74122** (13) A1

(21) PCT/IB01/00729

(22) **23 Mar/mar 2001 (23.03.2001)**

(25) en (26) en

(30) 10014773.9 **27 Mar/mar 2000 DE (27.03.2000)**

(30) 10042133.4 **28 Aug/août 2000 DE (28.08.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SEMI-LIGHT FITTING FOR CHANGING OVER FROM INDUCTIVE LAMPS TO ELECTRONIC T5-LUMINOUS SUBSTANCE LAMPS
• SEMI-APPAREIL D'ECLAIRAGE PERMETTANT DE PASSER DES LAMPES INDUCTIVES AUX LAMPES ELECTRONIQUES T5 A SUBSTANCE FLUORESCENTE

(71, 72) **HOLZER, Walter** [DE/DE]; Droste-Hulshoff-Weg 19, 88709 Meersburg (DE).

(81) AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE 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 GW ML MR NE SN TD TG).

(51)⁷ **H05H 1/00, H01L 21/205, 21/302, B01J 19/08, G01N 29/04, G01H 1/00**

(11) **WO 01/74123** (13) A1

(21) PCT/JP01/02536

(22) **28 Mar/mar 2001 (28.03.2001)**

(25) ja (26) ja

(30) 2000-089840 **28 Mar/mar 2000 JP (28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • APPARATUS FOR DETECTING PLASMA ANOMALOUS DISCHARGE AND METHOD OF DETECTING THE SAME

• APPAREIL DE DETECTION DE DECHARGE ANORMALE DE PLASMA, ET PROCEDE DE DETECTION CORRESPONDANT

(71) **JAPAN SCIENCE AND TECHNOLOGY CORPORATION** [JP/JP]; 1-8, Honmachi 4-chome, Kawaguti-shi, Saitama 332-0012 (JP). **KUMAMOTO TECHONOPO-LICE FOUNDATION** [JP/JP]; 2081-10, Oaza-Tabaru, Mashiki-cho, Kamimasiki-gun, Kumamoto 861-2202 (JP).
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(72, 75) **YASAKA, Mitsuo** [JP/JP]; 21-57, Nagamineminami 6-chome, Kumamoto-shi, Kumamoto 862-0939 (JP). **TAKESHITA, Masayoshi** [JP/JP]; 5-141-107, Tukide 6-chome, Kumamoto-shi, Kumamoto 862-0920 (JP).

(74) **TAMURA, Toshio**; Room 203, Sahara Mansion, 17-1, Nishinippori 4-chome, Arakawa-ku, Tokyo 116-0013 (JP).

(81) CN JP KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **H05K 1/18**

(11) **WO 01/74124** (13) A1

(21) PCT/KR01/00452

(22) **22 Mar/mar 2001 (22.03.2001)**

(25) ko (26) en

(30) 2000/15997 **29 Mar/mar 2000 KR
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • SIMULTANEOUS SWITCHING NOISE
MINIMIZATION TECHNIQUE FOR
POWER LINES USING DUAL LAYER
POWER LINE MUTUAL INDUCTORS

• TECHNIQUE POUR REDUIRE AU
MINIMUM LE BRUIT DE COMMUTA-
TION SIMULTANEE, DESTINEE AUX
LIGNES D'ENERGIE ELECTRIQUE
ET UTILISANT DES INDUCTEURS
MUTUELS DE LIGNES D'ENERGIE
ELECTRIQUE A COUCHE DOUBLE

(71, 72) **MOON, Gyu** [KR/KR]; Daewoo Apart-
ment 110-1303 Seoksa-Dong, Chunchon
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Hyun** [KR/KR]; 703-134 Mia 8-Dong, Gang-
buk-Gu, Seoul 142-108 (KR). **LEE, Yongha**
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Gapyung-Gun, Kyungki-Do 477-800 (KR).

(74) **CHO, Chulhyun**; Chun-il Bldg. 5,
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135-080 (KR).

(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 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 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 GW ML MR
NE SN TD TG).

(51)⁷ **H05K 3/46, B29C 41/30, C08J 7/04**

(11) **WO 01/74125** (13) A1

(21) PCT/JP01/02797

(22) **30 Mar/mar 2001 (30.03.2001)**

(25) ja (26) ja

(30) 2000-95894 **30 Mar/mar 2000 JP
(30.03.2000)**

(30) 2000-160050 **30 May/mai 2000 JP
(30.05.2000)**

(30) 2000-181175 **16 Jun/juin 2000 JP
(16.06.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • INSULATING MATERIAL, METHOD
FOR PRODUCING INSULATING
MATERIAL, METHOD FOR MANU-
FACTURING MULTILAYER CIRCUIT
BOARD

• MATERIAU ISOLANT, SON PROCEDE
DE PRODUCTION, ET PROCEDE DE
FABRICATION DE PLAQUETTES DE
CIRCUITS MULTICOUCHES

(71) **ZEON CORPORATION** [JP/JP]; 6-1,
Marunouchi 2-chome, Chiyoda-ku, Tokyo
100-8323 (JP).

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les États désignés sauf US)*

(72, 75) **ONISHI, Kazuyuki** [JP/JP]; c/o Re-
search & Development Center, ZEON
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Kawasaki-ku, Kawasaki-shi, Kanagawa
210-9507 (JP). **MATSUI, Toshiyasu** [JP/JP];
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CORPORATION, 2-1, Yako 1-chome,
Kawasaki-ku, Kawasaki-shi, Kanagawa
210-9507 (JP). **KURAKATA, Hiroshi**
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ter, ZEON CORPORATION, 2-1, Yako
1-chome, Kawasaki-ku, Kawasaki-shi,
Kanagawa 210-9507 (JP). **SUGIMURA,
Masahiko** [JP/JP]; c/o Research & Develop-
ment Center, ZEON CORPORATION, 2-1,
Yako 1-chome, Kawasaki-ku, Kawasaki-shi,
Kanagawa 210-9507 (JP).

(74) **WADA, Yasuro**; c/o ZEON CORPORA-
TION, 6-1, Marunouchi 2-chome, Chiy-
oda-ku, Tokyo 100-8323 (JP).

(81) KR US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

(51)⁷ **H05K 5/02**

(11) **WO 01/74126** (13) A2

(21) PCT/US01/09787

(22) **27 Mar/mar 2001 (27.03.2001)**

(25) en (26) en

(30) 09/538,056 **29 Mar/mar 2000 US
(29.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • MULTI-FUNCTION HANDLE AND
MODULAR CHASSIS INCORPORAT-
ING SAME

• POIGNEE MULTIFONCTIONS ET
CHASSIS MODULAIRE INTEGRANT
LADITE POIGNEE

(71) **POWERWARE CORPORATION**
[US/US]; 8609 Six Forks Road, Raleigh,
NC 27615 (US).

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les États désignés sauf US)*

(72, 75) **EDEVOLD, Craig** [US/US]; 523 Clark
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Cary** [US/US]; 503 Peach Street, Necedah,
WI 54646 (US).

(74) **MAKEEVER, Jeffery**; Leydig, Voit &
Mayer, Ltd., 6815 Weaver Road, Suite 300,
Rockford, IL 61114-8018 (US).

(81) AE AG AL AM AT AU AZ BA BB BG BR
BY BZ CA CH CN CR CU CZ DE DK DM
DZ EE ES FI GB GD GE GH GM HR HU
ID IL IN IS JP KE KG KP KR KZ LC LK
LR LS LT LU LV MA MD MG MK MN MW
MX MZ NO NZ PL PT RO RU SD SE SG SI
SK SL TJ TM TR TT TZ UA UG US UZ VN
YU ZA ZW.

(84) AP (GH GM KE LS MW MZ SD SL SZ TZ
UG ZW); EA (AM AZ BY KG KZ MD RU
TJ TM); EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE TR); OA
(BF BJ CF CG CI CM GA GN GW ML MR
NE SN TD TG).

(51)⁷ **H05K 13/04**

(11) **WO 01/74127** (13) A1

(21) PCT/DE01/00964

(22) **14 Mar/mar 2001 (14.03.2001)**

(25) de (26) de

(30) 100 15 271.6 **28 Mar/mar 2000 DE
(28.03.2000)**

(43) 4 Oct/oct 2001 (04.10.2001)

(54) • METHOD AND DEVICE FOR MON-
ITORING ELECTRIC COMPONENTS
IN A PICK-AND-PLACE DEVICE FOR
SUBSTRATES

• PROCEDE ET DISPOSITIF PERMET-
TANT DE SURVEILLER DES COM-
POSANTS ELECTRIQUES DANS UN
DISPOSITIF DE MISE EN PLACE DE
COMPOSANTS POUR SUBSTRATS

(71) **SIEMENS PRODUCTION AND LOGIS-
TICS SYSTEMS AG** [DE/DE]; Gleiwitzer
Strasse 555, 90475 Nürnberg (DE).

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les États désignés sauf US)*

(72, 75) **BURGER, Stefan** [DE/DE]; Steinmet-
zstrasse 11, 81379 München (DE). **DÜBEL,
Rainer** [DE/DE]; Alpenrosenstrasse 27,
85598 Baldham (DE).

(74) **SIEMENS PRODUCTION AND LOGIS-
TICS SYSTEMS AG**; ZEDLITZ, Peter,
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(81) CN JP KR SG US.

(84) EP (AT BE CH CY DE DK ES FI FR GB GR
IE IT LU MC NL PT SE TR).

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