SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

(11) **WO 98/48607** (13) A1

(21) PCT/FI98/00320

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) fi (26) en

(31) 971571 (32) **14 Apr/avr 1997 (14.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51) Not classified / non classée

(54) • CALL WAITING IN CALL SETUP
• MISE EN ATTENTE D'APPELS DANS LE CADRE D'UNE PROCEDURE D'ETABLISSEMENT D'APPELS

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AIRAKSINEN, Jukka** [FI/FI]; Jauholantie 24, FIN–90310 Oulu (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN–00511 Helsinki (FI).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/48608** (13) A2

(21) PCT/US98/07424

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) 60/043,463 (32) **11 Apr/avr 1997 (11.04.1997)** (33) US

(31) 09/057,381 (32) **8 Apr/avr 1998 (08.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51) Not classified / non classée

(54) • MICROBELLOWS ACTUATOR
• ACTIONNEUR A MICRO–SOUFFLETS

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1201 East California Boulevard, Pasadena, CA 91125 (US).

(72) **TAI, Yu–Chong**; Pasadena, CA (US). **YANG, Xing**; Pasadena, CA (US).

(74) **HARRIS, Scott, C.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48609** (13) A2

(21) PCT/US98/08159

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/847,931 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51) Not classified / non classée

(54) • MICROSATELLITE SYSTEM FOR HIGH–VOLUME ORBITAL TELEMETRY
• SYSTEME MICROSATELLITAIRE POUR TELEMESURES ORBITALES A GRANDE ECHELLE

(71, 72) **SHELDON, L. Philip, Jr.** [US/US]; 265 Littlecreek Road, Lancaster, PA 17601 (US). **SHELDON, Robert, Bruce** [US/US]; 5 Thomas Street, Woburn, MA 01801 (US).

(74) **McCUBBREY, J., Bruce** et al. / etc.; Suite 3300, Four Embarcadero Center, San Francisco, CA 94111 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48610** (13) A1

(21) PCT/US98/08277

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,319 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01H 1/00, 1/04, 1/06, 3/04, A23L 1/0522, C08B 30/00, 30/20**

(54) • METHOD OF MAKING AMYLOSE MUTANT INBREDS AND HYBRIDS
• PROCEDE DE PRODUCTION DE CONSANGUINS ET D'HYBRIDES MUTANTS RENFERMANT DE L'AMYLOSE

(63) US 08/845,319 (CIP)
25 Apr/avr 1997 (25.04.1997)

(71) **EXSEED GENETICS, L.L.C.** [US/US]; 2760 Keller Road, Owensboro, KY 42301 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KEELING, Peter, L.** [US/US]; 3409 Oakland Street, Ames, IA 50011 (US). **CHANG, Ming–Tang** [US/US]; 1419 Illinois Avenue, Ames, IA 50010 (US).

(74) **SADOFF, B., J.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201–4714 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48611** (13) A1

(21) PCT/US98/08415

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/044,990 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 60/046,058 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 97 1 07807.6 (32) **5 Dec/déc 1997 (05.12.1997)** (33) CN

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01H 1/00, 1/02, 5/00, 5/10**

(54) • CROP HETEROSIS AND HERBICIDE
• HETEROSIS DES PLANTES CULTIVEES ET HERBICIDE

(71, 72) **YAN, Wengui** [CN/US]; 1205 E. 20th Street, Stuttgart, AR 72160 (US).

(74) **ALEXANDER, Daniel, R.**; Head, Johnson & Kachigian, 228 West 17th Place, Tulsa, OK 74119 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48612** (13) A1

(21) PCT/CN98/00065

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) zh (26) zh

(31) 97 1 09814.X (32) **28 Apr/avr 1997 (28.04.1997)** (33) CN

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01H 1/02**

(54) • HERBICIDE–RESISTANT RICE HYBRIDIZING SEEDS AND A METHOD FOR PRODUCING THE SAME
• GRAINES HYBRIDES DE RIZ RESISTANT AUX HERBICIDES ET PROCEDE DE PRODUCTION

(71) **CHINA NATIONAL RICE RESEARCH INSTITUTE** [CN/CN]; 359 Ti Yu Chang Road, Hangzhou 310006 (CN). **KCW HOLDING LIMITED** [CN/CN]; RM1702–3, Sunshine Plaza, 353 Lockhart Road, Wanchai, Hong Kong (CN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HUANG, Danian** [CN/CN]; 359 Ti Yu Chang Road, Hangzhou 310006 (CN). **YANG, Wei** [CN/CN]; 359 Ti Yu Chang Road, Hangzhou 310006 (CN). **PATRICK, S., Ko.** [CN/CN]; 353 Lockhart Road, Wanchai, Hong Kong (CN). **XUE, Rui** [CN/CN]; 359 Ti Yu Chang Road, Hangzhou 310006 (CN).

(74) **CHINA SINDA INTELLECTUAL PROPERTY LTD.**; China Garment Mansion, Suite 1300, 99 Jianguo Road, Chaoyang District, Beijing 100020 (CN).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 SL TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48613** (13) A1

(21) PCT/US98/07264

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) en (26) en

(31) 08/845,939 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01H 4/00**

(54) • COMPOSITIONS AND METHODS FOR PLANT TRANSFORMATION AND REGENERATION
• COMPOSITIONS ET METHODES DE TRANSFORMATION ET DE REGENERATION DES VEGETAUX

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; University of California, Berkley, Office of Technology Licensing, Suite 510, 2150 Shattuck Avenue, Berkley, CA 94720–1620 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEMAUX, Peggy, G.** [US/US]; 253 Corliss Drive, Moraga, CA 94556 (US). **CHO, Myeong–Je** [KR/US]; 37 Garden Road, Alameda, CA 94502 (US).

(74) **DOW, Alan, E.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48614** (13) A1

(21) PCT/US98/08147

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/845,539 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01H 5/00, C07H 21/04, C12N 15/00, 15/82**

(54) • FRUIT–SPECIFIC AND RIPENING–REGULATION EXPANSIN GENES TO CONTROL FRUIT TEXTURE AND SOFTENING
• GENES DES EXPANSINES, DE REGULATION DE LA MATURATION ET SPECIFIQUE AUX FRUITS

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612 (US).

(72) **BENNETT, Alan, B.**; University of California, Mann Laboratory, Dept. of Vegetable Crops, Davis, CA 95616 (US). **ROSE, Jocelyn, K., C.**; University of California, Mann Laboratory, Dept. of Vegetable Crops, Davis, CA 95616 (US).

(74) **FARIS, Susan, K.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (US).

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

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(11) **WO 98/48615** (13) A1

(21) PCT/BE98/00057

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) fr (26) fr

(31) 9700381 (32) **24 Apr/avr 1997 (24.04.1997)** (33) BE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01K 1/01**

(54) • PEN FOR ANIMAL EXCRETION
• PARC D'AISANCES POUR ANIMAL

(71, 72) **CAVALERI, Antonio** [IT/BE]; Avenue Joseph Wauters 31, B–4460 Grâce–Hollogne (BE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48616** (13) A1

(21) PCT/JP98/01922

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/112502 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01K 67/027, C12N 5/00, 9/02, 15/53**

(54) • ANIMALS CARRYING 25–HYDROXYLATED VITAMIN $D_3$24–HYDROXYLASE GENE TRANSFERRED THEREINTO
• ANIMAUX PORTEURS D'UN GENE TRANSFERE DE 25–HYDROXYVITAMINE D_3–24–HYDROXYLASE

(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) **KASUGA, Hisao** [JP/JP]; 9–5–215, Eirakusou 1–chome, Toyonaka–shi, Osaka 560–0051 (JP). **ISAKA, Masami** [JP/JP]; 10–19, Nishikujou 2–chome, Konohana–ku, Osaka 554–0012 (JP). **MATSUOKA, Kunio** [JP/JP]; 18–6, Haramachi 1–chome, Suita–shi, Osaka 564–0004 (JP).

(74) **ASAHINA, Tadao** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17–85, Jusohonmachi 2–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0024 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48617** (13) A1

(21) PCT/JP97/01477

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) ja (26) ja

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01K 67/033**

(54) • METHOD OF COLLECTING INSECT HUMORS
• PROCEDE DE COLLECTE D'HUMEURS D'INSECTES

(71) **JAPAN as represented by DIRECTOR GENERAL OF NATIO NAL INSTITUTE OF SERICULTURAL AND ENTOMOLOGICAL SCIENCE MINISTRY OF AGRICULTURE, FORESTRY AND FISHERRIES** [JP/JP]; 1–2, Ohwashi, Tsukuba–shi, Ibaraki 305 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAZAWA, Mitsuhiro** [JP/JP]; 26–405–204, Matsushiro 4–chome, Tsukuba–shi, Ibaraki 305 (JP). **ARAKAWA, Toru** [JP/JP]; Mezon Katami 205, 16–14, Ninomiya 1–chome, Tsukuba–shi, Ibaraki 305 (JP).

(74) **KITAMURA, Kinichi** et al. / etc.; 703 New Shinbashi Building, 16–1, Shinbashi 2–chome, Minato–ku, Tokyo 105 (JP).

(81) CA DE GB JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48618** (13) A1

(21) PCT/US98/08250

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/840,705 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01K 87/04, B29C 39/10, B29D 23/00**

(54) • MOLDED FISHING ROD
• CANNE A PECHE MOULEE

(71) **BERKLEY INC.** [US/US]; 1900 18th Street, Spirit Lake, IA 51360 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEISS, John** [US/US]; 1302 Country Club Drive, Okoboji, IA 51355 (US).

(74) **JOHNSON, Lance, G.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G. Street, N.W., Washington, DC 20001–4597 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48619** (13) A1

(21) PCT/SE98/00766

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) sv (26) en

(31) 9701558–0 (32) **25 Apr/avr 1997** (33) SE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01M 1/14**

(54) • DEVICE FOR AN INSECT TRAP
• DISPOSITIF POUR PIEGE A INSECTES

(71) **SILVANDERSSON MILJÖ AB** [SE/SE]; P.O. Box 56, S–310 20 Knäred (SE).

(72) **SILVANDERSSON, Kenneth**; Uddared, S–310 20 Knäred (SE). **SILVANDERSSON, Kjell**; Datavägen 44, S–310 20 Knäred (SE).

(74) **CEGUMARK AB**; P.O. Box 53047, S–400 14 Göteborg (SE).

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

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(11) **WO 98/48620** (13) A1

(21) PCT/DK98/00168

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) da (26) en

(31) 0476/97 (32) **29 Apr/avr 1997** (33) DK **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01M 23/12, 23/02, 23/38**

(54) • A METHOD AND DEVICE FOR TRAPPING RATS, MICE AND THE LIKE
• PROCEDE ET DISPOSITIF POUR PIEGER RATS, SOURIS ET ANALOGUES

(71, 72) **RØNNAU, Per** [DK/DK]; Katterhøjvej 63, DK–8270 Højbjerg (DK).

(74) **HOFMAN–BANG & BOUTARD, LEHMAN & REE A/S**; Ryesgade 3, P.O. Box 367, DK–8100 Aarhus C (DK).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48621** (13) A1

(21) PCT/US98/08522

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/841,115 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 1/02, C12N 13/00**

(54) • METHODS FOR VIRAL INACTIVATION AND COMPOSITIONS FOR USE IN SAME
• PROCEDES D'INACTIVATION VIRALE ET COMPOSITIONS UTILISABLES DANS CES PROCEDES

(71) **NEW YORK BLOOD CENTER, INC.** [US/US]; 310 East 67th Street, New York, NY 10021–6295 (US).

(72) **BEN–HUR, Ehud**; 500 East 63rd Street #11D, New York, NY 10021 (US). **ZUK, Maria, M.**; 504 East 63rd Street #17L, New York, NY 10021 (US).

(74) **ARNOLD, Craig, J.**; Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY 10016 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48622** (13) A1

(21) PCT/US98/08651

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/044,301 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 09/069,358 (32) **29 Apr/avr 1998** (33) US **(29.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 1/02**

(54) • SUSPENDED SPERM COMPOSITION AND METHOD OF ARTIFICIAL INSEMINATION
• COMPOSITION DE SPERME EN SUSPENSION ET PROCEDE D'INSEMINATION ARTIFICIELLE

(71, 72) **HAUBRICH, Mark, A.** [US/US]; 35584 C–44, LeMars, IA 51031 (US).

(74) **FIX, Richard, L.**; Henderson & Sturm, 1213 Midland Building, 206 Sixth Avenue, Des Moines, IA 50309–4076 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48623** (13) A1

(21) PCT/AU98/00299

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) PO 6441 (32) **24 Apr/avr 1997** (33) AU **(24.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 25/22, 25/12, 25/26, C09K 17/04, 17/16, 17/40**

(54) • CONTROLLED RELEASE PESTICIDAL COMPOSITIONS
• COMPOSITIONS PESTICIDES A LIBERATION REGULEE

(71) **CROP CARE AUSTRALASIA PTY. LTD.** [AU/AU]; 77 Tingira Street, Pinkenbai, QLD 4008 (AU). **SUGAR EXPERIMENTS STATION BOARD** [AU/AU]; 50 Miers Road, Indooroopilli, QLD 4068 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AHMETAGIC, Mirsad** [AU/AU]; 149 Keong Road, Albany Creek, QLD 4035 (AU). **CHANDLER, Keith, John** [AU/AU]; 119 Progress Road, White Rock, QLD 4864 (AU). **ANDERSON, Thomas, Peter** [AU/AU]; 36 Raeburn Street, Manly West, QLD 4179 (AU).

(74) **CARTER SMITH & BEADLE**; 2 Railway Parade, P.O. Box 557, Camberwell, VIC 3124 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48624** (13) A1

(21) PCT/US98/05410

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/846,963 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 25/30, 43/40**

(54) • EMULSIFIABLE CONCENTRATE FOR LOW DOSAGE FLUORINATED AGROCHEMICAL
• CONCENTRE EMULSIFIABLE POUR AGENT AGROCHIMIQUE FLUORE A DOSAGE BAS

(71) **ISP INVESTMENTS INC.** [US/US]; 818 Washington Street, Wilmington, DE 19801 (US).

(72) **NARAYANAN, Kolazi, S.**; 33 Carol Place, Wayne, NJ 07470 (US). **GOEHNER, Ronald, H., Jr.**; 63 Castles Drive, Wayne, NJ 07470 (US).

(74) **MAUE, Marilyn, J.** et al. / etc.; International Specialty Products, Legal Dept., Building 10, 1361 Alps Road, Wayne, NJ 07470 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48625** (13) A1

(21) PCT/US98/08954

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,351 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 27/00**

(54) • ANT SPRAY CONTAINING D–LIMONENE AND METHODS OF MAKING AND USING SAME
• PULVERISATION ANTI FOURMIS CONTENANT DU D–LIMONEME ET SES PROCEDES DE FABRICATION ET D'UTILISATION

(71, 72) **McPARTLAND, Tor** [US/US]; 7 Trampa Canyon Road, Carmel Valley, CA 93924 (US).

(74) **BERMAN, Rod, S.**; Jeffer, Mangels, Butler & Marmaro LLP, 10th floor, 2121 Avenue of the Stars, Los Angeles, CA 90067–5010 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48626** (13) A1

(21) PCT/US98/08704

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,108 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 43/04, C12N 15/00**

(54) • METHODS AND COMPOSITIONS FOR ADMINISTERING DNA TO MUCOSAL SURFACES
• PROCEDES ET COMPOSITIONS POUR ADMINISTRATION D'ADN A DES SURFACES MUCOSALES

(63) US 60/045,108 (CIP) 30 Apr/avr 1997 (30.04.1997)

(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, GA 30322 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COMPANS, Richard, W.** [US/US]; 9673 Roberts Drive, Atlanta, GA 30350 (US).

(74) **FERBER, Donna, M.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48627** (13) A1

(21) PCT/SE98/00776

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9701616–6 (32) **29 Apr/avr 1997** (33) SE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 43/16, A61K 7/48, 31/725, 31/73**

(54) • TEAT DIPPING AGENT
• PRODUIT POUR TREMPAGE DES TRAYONS

(71) **MEDICARB AB** [SE/SE]; Annedalsvägen 37, S–161 71 Bromma (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARM, Olle** [SE/SE]; Nyängsvägen 86, S–161 39 Bromma (SE). **BACK, Marcus** [SE/SE]; Ängsullsvägen 116, S–162 46 Vällingby (SE).

(74) **AWAPATENT AB**; P.O. Box 45086, S–104 30 Stockholm (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48628** (13) A1

(21) PCT/JP98/01889

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 9/123382 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(31) 9/190494 (32) **30 Jun/juin 1997** (33) JP **(30.06.1997)**

(31) 9/202575 (32) **11 Jul/juil 1997** (33) JP **(11.07.1997)**

(31) 9/227113 (32) **8 Aug/août 1997** (33) JP **(08.08.1997)**

(31) 9/238973 (32) **19 Aug/août 1997** (33) JP **(19.08.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 43/50 // (A01N 43/50, 61:00, 59:26)**

(54) • COMPOSITION FOR CONTROLLING HARMFUL BIO–ORGANISMS AND METHOD FOR CONTROLLING HARMFUL BIO–ORGANISMS USING THE SAME
• COMPOSITION POUR CONTROLER DES BIO–ORGANISMES NOCIFS ET PROCEDE POUR CONTROLER CES BIO–ORGANISMES NOCIFS A L'AIDE DE CETTE COMPOSITION

(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) **MATSUO, Norifusa** [JP/JP]; Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3–1, Nishi–Shibukawa 2–chome, Kusatsu–shi, Shiga 525–0025 (JP). **MITANI, Shigeru** [JP/JP]; Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3–1, Nishi–Shibukawa 2–chome, Kusatsu–shi, Shiga 525–0025 (JP). **ARAKI, Satoshi** [JP/JP]; Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3–1, Nishi–Shibukawa 2–chome, Kusatsu–shi, Shiga 525–0025 (JP). **TAKII, Yasuko** [JP/JP]; Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3–1, Nishi–Shibukawa 2–chome, Kusatsu–shi, Shiga 525–0025 (JP). **YAMAGUCHI, Tomona** [JP/JP]; Ishihara Sangyo Kaisha, Ltd., Chuo Kenkyusho, 3–1, Nishi–Shibukawa 2–chome, Kusatsu–shi, Shiga 525–0025 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6028 (JP).

(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 GW HU ID IL IS 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48629** (13) A1

(21) PCT/US98/07689

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) en (26) en

(31) 60/044,339 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(31) 09/025,665 (32) **18 Feb/fév 1998** (33) US **(18.02.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 55/02, A61K 7/06, 7/07, 7/075, B01J 13/00, C07F 1/08**

(54) • NON–SPHERICAL AND NON–PLATELET PYRITHIONE SALTS
• SELS DE PYRITHIONE NON SPERIQUES ET NON LAMELLAIRES

(71) **OLIN CORPORATION** [US/US]; 350 Knotter Drive, P.O. Box 586, Cheshire, CT 06410–0586 (US).

(72) **KAUFMAN, Charles, W.**; 120 Lac Kine Drive, Rochester, NY 14618 (US). **MOHSENI, Saeed, M.**; 53 Skelby Moor Lane, Fairport, NY 14450 (US). **JARDAS, John, J.**; 200 Stutson Street, Rochester, NY 14611 (US). **POLSON, George**; 131 Campville Hill Road, Harwinton, CT 06791 (US). **BEATY, David, C.**; 1537 Reed Road, Bergen, NY 14416 (US).

(74) **CARLSON, Dale, Lynn** et al. / etc.; Wiggin & Dana, One Century Tower, New Haven, CT 06508–1832 (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 GW 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 UZ VN YU ZW; EA (AM AZ BY KG 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 ML MR NE SN TD TG).

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(11) **WO 98/48630** (13) A1

(21) PCT/US98/08835

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,000 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A01N 63/00, C12N 5/00, 5/08, 5/10, A61K 31/00**

(54) • METHOD OF TREATING MALIGNANCIES
• PROCEDE DE TRAITEMENT DES TUMEURS MALIGNES

(63) US 08/847,000 (CIP)
1 May/mai 1997 (01.05.1997)

(71) **THE WISTAR INSTITUTE OF ANATOMY & BIOLOGY** [US/US]; 3601 Spruce Street, Philadelphia, PA 19104–4268 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANTOLI, Daniela** [US/US]; 933 Wootton Road, Bryn Mawr, PA 19010 (US). **ROVERA, Giovanni** [US/US]; 933 Wootton Road, Bryn Mawr, PA 19010 (US). **CESANO, Alessandra** [IT/US]; Apartment 305, 1720 Lombard Street, Beekman Place, Philadelphia, PA 19146 (US).

(74) **BAK, Mary, E.** et al. / etc.; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48631** (13) A1

(21) PCT/FR98/00843

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) fr (26) fr

(31) 97/05160 (32) **25 Apr/avr 1997** (33) FR **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A21C 1/02**

(54) • MACHINE FOR MAKING AND STORING NATURAL LIQUID LEAVEN
• MACHINE DE FABRICATION ET DE STOCKAGE DE LEVAIN NATUREL LIQUIDE

(71) **VMI** [FR/FR]; Zone Industrielle, Route de Nantes, F–85600 Montaigu (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIRARD, Guy** [FR/FR]; 20, rue Beauséjour, F–85130 Les Landes Genusson (FR). **ALHINC, Patrick** [FR/FR]; 15, rue Saint Antoine, F–44190 Clisson (FR).

(74) **THINAT, Michel**; Cabinet Weinstein, 20, avenue de Friedland, F–75008 Paris (FR).

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

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(11) **WO 98/48632** (13) A1

(21) PCT/ES98/00115

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) es (26) es

(31) P 9700936 (32) **30 Apr/avr 1997** (33) ES **(30.04.1997)**

(31) P 9700937 (32) **30 Apr/avr 1997** (33) ES **(30.04.1997)**

(31) P 9701822 (32) **20 Aug/août 1997** (33) ES **(20.08.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A21C 15/02**

(54) • IMPROVEMENTS TO MACHINES PRODUCING ICE CREAM CONES
• AMELIORATIONS APPORTEES AUX MACHINES DE MISE EN FORME DE CONES POUR GLACES

(71) **BIG DRUM EUROPA, S.A.** [ES/ES]; Forners, 46–56, E–43205 Reus (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUNILLERA I ZARATE, Angel** [ES/ES]; Forners, 46–56, E–43205 Reus (ES).

(74) **CARPINTERO LOPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 21, E–28014 Madrid (ES).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48633** (13) A1

(21) PCT/EP98/00079

(22) **8 Jan/jan 1998 (08.01.1998)**

(25) de (26) de

(31) 197 18 205.4 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A21D 2/16, 10/00, 13/08**

(54) • INDUSTRIALLY PRODUCED, STORABLE PREMIX FOR BAKED PRODUCTS
• PREMELANGE POUR PATISSERIES, POUVANT ETRE CONSERVE, FABRIQUE INDUSTRIELLEMENT

(71) **WALTER RAU NEUSSER ÖL UND FETT AG** [DE/DE]; Industriestrasse 36–40, D–41450 Neuss (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRINKMANN, Bernd** [DE/DE]; Kirchweg 24 b, D–41812 Erkelenz (DE). **FERGEN, Jürgen** [DE/DE]; Kurt–Schumacher–Strasse 14, D–46446 Emmerich (DE). **SCHLOSZA, Frank** [DE/DE]; Himmelgeisterstrasse 324, D–40225 Düsseldorf (DE).

(74) **WERNER, Hans–Karsten** et al. / etc.; Postfach 10 22 41, D–50462 Köln (DE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48634** (13) A2

(21) PCT/EP98/02442

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 297 07 538.1 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(31) 297 10 820.4 (32) **20 Jun/juin 1997** (33) DE **(20.06.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A21D 13/00**

(54) • DOUGH–CONTAINING FOODSTUFF
• PRODUIT ALIMENTAIRE A BASE DE PATE

(71, 72) **ZWICKER, Horst** [DE/DE]; Grabenstrasse 22, D–73033 Göppingen (DE). **MAYER, Elli** [DE/DE]; Schönbühl 10, D–73342 Bad Ditzenbach (DE).

(74) **ANDRAE, Steffen**; Andrae Flach Haug Kneissl Bauer Schneider, Balanstrasse 55, D–81541 München (DE) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48635** (13) A1

(21) PCT/GB98/01219

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708444.6 (32) **26 Apr/avr 1997** (33) GB **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A22C 29/00**

(54) • HUMANE CRUSTACEAN PROCESSOR
• DISPOSITIF DE TRAITEMENT NON VIOLENT DE CRUSTACES

(71, 72) **BUCKHAVEN, Simon** [GB/GB]; Greystones, 53 Church Road, Studham, Bedfordshire LU6 2QD (GB).

(74) **COATES, Ian, H.**; Sommerville & Rushton, Business Link Building, 45 Grosvenor Road, St. Albans, Herts AL1 3AW (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48636** (13) A1

(21) PCT/NL98/00221

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 1005906 (32) **25 Apr/avr 1997** (33) NL **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23C 19/05, 19/028**

(54) • METHOD FOR THE PRODUCTION OF CHEESE OF THE HALF HARD TYPE
• PROCEDE DE PRODUCTION D'UN FROMAGE A PATE MI–DURE

(71) **CAMPINA MELKUNIE B.V.** [NL/NL]; Hogeweg 9, NL–5301 LB Zaltbommel (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AKKERMAN, Jan, Coen** [NL/NL]; 6e Buitenpepers 29, NL–5231 GD Den Bosch (NL).

(74) **BAKKUM, R., J.**; van Exter Polak & Charlouis B.V., P.O. Box 3241, NL–2280 GE Rijswijk (NL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48637** (13) A1

(21) PCT/US98/08640

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/840,435 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23C 21/04, 21/06, 21/08**

(54) • CALCIUM SUPPLEMENTED FOODS AND FEEDING REGIMEN FOR CALCIUM SUPPLEMENTATION
• ALIMENTS ENRICHIS EN CALCIUM ET REGIME ALIMENTAIRE DE SUPPLEMENTATION EN CALCIUM

(71) **DAVISCO FOODS INTERNATIONAL, INC.** [US/US]; Suite 210, 11000 West 78th Street, Eden Prairie, MN 55344 (US).

(72) **DAVIS, Martin, E.**; 415 Lakeview Avenue, Tonka Bay, MN 55331 (US). **OLSON, Pauline, M.**; 5758 Riveroak Drive, Savage, MN 55378 (US). **RAO, Anand**; 5057 Edgewater Court, Savage, MN 55378 (US).

(74) **CARVIS, Thaddius, J.**; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905–5619 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48638** (13) A1

(21) PCT/US98/07475

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/840,434 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23C 21/08**

(54) • LOW–CALORIE, LIQUID AND MAYONNAISE–LIKE SALAD DRESSINGS AND PROCESS FOR PREPARATION
• ASSAISONNEMENTS A FAIBLE TENEUR EN CALORIES POUR SALADES, LIQUIDES OU DE TYPE MAYONNAISE, ET LEUR PROCEDE DE PREPARATION

(71) **DAVISCO FOODS INTERNATIONAL, INC.** [US/US]; Suite 210, 11000 West 78th Street, Eden Prairie, MN 55344 (US).

(72) **DAVIS, Martin, E.**; 415 Lakeview Avenue, Tonka Bay, MN 55331 (US). **OLSON, Pauline, M.**; 5758 Riveroak Drive, Savage, MN 55378 (US). **WOOD, Robert, W.**; RDF #10, Brewster Hill Road, Brewster, NY 10509 (US).

(74) **CARVIS, Thaddius, J.**; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905–5619 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48639** (13) A1

(21) PCT/US98/08565

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,998 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 08/988,758 (32) **11 Dec/déc 1997 (11.12.1997)** (33) US

(31) 09/051,739 (32) **24 Apr/avr 1998 (24.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23D 7/015, B02C 19/00**

(54) • A PROCESS FOR THE REDUCTION OF FAT IN FOOD AND AN APPARATUS FOR PRESSURE TREATING DIETARY FIBERS
• PROCEDE PERMETTANT DE REDUIRE LA TENEUR EN GRAISSES DE PRODUITS ALIMENTAIRES ET APPAREIL DE TRAITEMENT DE FIBRES ALIMENTAIRES PAR PRESSION

(71) **DELTA FOOD GROUP, INC.** [US/US]; 950 Calcon Hook Road, Calcon Hook Industrial Park, Sharon Hill, PA 19023 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REDDING, Bruce, K., Jr.** [US/US]; 2708 South 86th Street, Philadelphia, PA 19153 (US). **HARDEN, Jerome** [US/US]; 1747 North 59th Street, Philadelphia, PA 19151 (US).

(74) **LIPTON, Robert, S.** et al. / etc.; Lipton, Weinberger & Husick, 201 North Jackson Street, P.O. Box 934, Media, PA 19063–0934 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48640** (13) A1

(21) PCT/FI98/00369

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 971872 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23J 1/20, A23C 9/146**

(54) • A SUBSTANTIALLY INSULIN–FREE PROTEIN COMPOSITION, PREPARATION AND USE THEREOF, AND PRODUCTS CONTAINING SAME AND PREPARATION THEREOF
• COMPOSITION DE PROTEINES NE CONTENANT PRATIQUEMENT PAS D'INSULINE, PREPARATION ET UTILISATION DE CETTE COMPOSITION, PRODUITS CONTENANT CETTE COMPOSITION ET LEUR FABRICATION

(71) **VALIO LTD.** [FI/FI]; Meijeritie 4, FIN–00370 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAARALA, Outi** [FI/FI]; Sysimiehentie 51 A, FIN–00670 Helsinki (FI). **TOSSAVAINEN, Olli** [FI/FI]; Koroistentie 7 A 10, FIN–00280 Helsinki (FI). **SYVÄOJA, Eeva–Liisa** [FI/FI]; Tonttutytönkuja 3 D 21, FIN–02200 Espoo (FI). **KEROJOKI, Outi** [FI/FI]; Isonniitynkatu 7 F 25, FIN–00520 Helsinki (FI). **HARJU, Matti, Erkki** [FI/FI]; Harjutie 6 G 2, FIN–03100 Nummela (FI). **SALMINEN, Kari** [FI/FI]; Mannerheimintie 60 A 8, FIN–00260 Helsinki (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48641** (13) A1

(21) PCT/US97/19465

(22) **20 Oct/oct 1997 (20.10.1997)**

(25) en (26) en

(31) 08/845,535 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23K 1/16, 1/18, A23L 1/31**

(54) • METHOD OF INCREASING FAT FIRMNESS AND IMPROVING MEAT QUALITY IN ANIMALS
• PROCEDE D'AUGMENTATION DE LA FERMETE DE LA GRAISSE ET D'AMELIORATION DE LA QUALITE DE LA VIANDE CHEZ LES ANIMAUX

(71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; P.O. Box 7365, Madison, WI 53707–7365 (US).

(72) **COOK, Mark, E.**; 15 Kewaunee Court, Madison, WI 53705 (US). **DARIA, Jerome, J.**; 2770 S. Syene Road, Madison, WI 53711 (US). **PARIZA, Michael, D.**; 7102 Valhalla Drive, Madison, WI 53719 (US).

(74) **HAAS, George, E.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202–4497 (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 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 YU; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48642** (13) A1

(21) PCT/US98/08735

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 841,352 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23L 1/00, A23P 1/00**

(54) • APPARATUS AND METHOD FOR FORMING CEREAL FOOD PRODUCTS
• APPAREIL ET PROCEDE DE FABRICATION DE PRODUITS ALIMENTAIRES A BASE DE CEREALES

(71) **MARS, INCORPORATED** [US/US]; 6885 Elm Street, McLean, VA 22101–3883 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAPODIECI, Roberto, A.** [IT/US]; 21 W. 708 McCarron Road, Glen Ellyn, IL 60137 (US).

(74) **ALEX, John, L.**; Lockwood, Alex, FitzGibbon & Cummings, Suite 1700, Three First National Plaza, Chicago, IL 60602 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48643** (13) A1

(21) PCT/EP98/02292

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/846,201 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23L 1/16**

(54) • FRESH PASTA WITH 15–35 % MOISTURE
• PATES FRAICHES CONTENANT ENTRE 15 ET 35 % D'HUMIDITE

(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) **BAKER, Janice** [CA/US]; 85 Beard Drive, New Milford, CT 06776 (US). **CLYDE, Gene, Frank** [US/US]; 54 Old Ridge Road, New Milford, CT 06776 (US).

(74) **PATE, Frederick, George**; Avenue Nestlé 55, CH–1800 Vevey (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48644** (13) A1

(21) PCT/EP98/02314

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/841,701 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23L 1/16, A23K 1/18**

(54) • PRODUCTION OF INTERMEDIATE MOISTURE FOODS COMPRISING AN ALKALI AND A HUMECTANT
• PRODUCTION D'ALIMENTS A TENEUR EN HUMIDITE INTERMEDIAIRE COMPORTANT UN ALCALI ET UN HUMIDIFIANT

(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) **WEDRAL, Elaine, Regina** [US/US]; R.R.2, Box 480A, Chestnut Hill Road, Sherman, CT 06784 (US). **BAKER, Janice** [CA/US]; 85 Beard Drive, New Milford, CT 06776 (US). **TOH, Tian, Seng** [MY/SG]; Blk. 941, // 03–477, Jurong West, Street 91, Singapore 640941 (SG). **GREENE, Robert** [US/SG]; 8 Woollerton Drive, Singapore 257558 (SG).

(74) **PATE, Frederick, George**; 55, avenue Nestle, CH–1800 Vevey (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 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48645** (13) A1

(21) PCT/FR98/00828

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/05133 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23L 1/226, 1/23, A23C 19/064, 19/09**

(54) • USE OF KETO ACIDS TO ENHANCE THE FLAVOUR OF CHEESE PRODUCTS
• UTILISATION DE CETOACIDES POUR INTENSIFIER LA FLAVEUR DE PRODUITS A BASE DE FROMAGE

(71) **INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA)** [FR/FR]; 147, rue de l'Université, F–75341 Paris Cedex 07 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YVON, Mireille** [FR/FR]; 17, rue du Stade, La Clairière, F–78120 Rambouillet (FR). **GRIPON, Jean–Claude** [FR/FR]; 9, rue Turquoise, F–78960 Voisins le Bretonneux (FR).

(74) **VIALLE–PRESLES, Marie–José** et al. / etc.; Cabinet Ores, 6, avenue de Messine, F–75008 Paris (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48646** (13) A2

(21) PCT/US98/08441

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/847,036 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23L 1/30, A23D 9/00**

(54) • A NOVEL DIETARY FORMULATION COMPRISING ARACHIDONIC ACID AND METHODS OF USE
• FORMULATION ALIMENTAIRE CONTENANT DE L'ACIDE ARACHIDONIQUE ET PROCEDE D'UTILISATION

(71) **BETH ISRAEL DEACONESS MEDICAL CENTER INC.** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).

(72) **BISTRIAN, Bruce, R.**; 229 Argilla Road, Ipswich, MA 01938 (US).

(74) **LOREN, Ralph, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 021O9 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48647** (13) A1

(21) PCT/US98/08492

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/045,014 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23L 2/02, 2/78, B01D 3/10, 3/34**

(54) • ESSENCE RECOVERY SYSTEM
• SYSTEME DE RECUPERATION D'ESSENCE

(71) **APV AMERICAS** [US/US]; 182 Wales Avenue, Tonawanda, NY 14150 (US).

(72) **MUNCH, Jim**; Apartment H206, 22623 91st Way South, Kent, WA 98031 (US). **CARLSON, James, B.**; 373 Bennett Street, North Tonawanda, NY 14120 (US).

(74) **WEYAND, Karla, M.** et al. / etc.; Nixon, Hargrave, Devans & Doyle LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48648** (13) A1

(21) PCT/US97/07105

(22) **29 Apr/avr 1997 (29.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23L 2/385, 2/39, 2/58, 2/56, 2/68, 1/302, 1/304**

(54) • COLOR STABLE IRON FORTIFIED DRY DRINK MIXES, READY–TO–DRINK BEVERAGES AND FOODS OTHER THAN BEVERAGES THAT OPTIONALLY CONTAIN ZINC
• PREPARATIONS SECHES POUR BOISSONS, BOISSONS PRETES A BOIRE ET ALIMENTS AUTRES QUE BOISSONS FORTIFIES AVEC DU FER, DE COULEUR STABLE, ET CONTENANT EVENTUELLEMENT DU ZINC

(63) US 08/549,109 (CIP)
27 Oct/oct 1995 (27.10.1995)

(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) **HENRY, William, John, Jr.** [US/US]; 5428 Bayberry Court, Taylor Mill, KY 41015 (US). **XI, Xiaobing** [CN/US]; 5427 Senour Drive, West Chester, OH 45069 (US). **FAVRE, Michel, Lucien, Hubert, Lannelongue** [MX/US]; 11969 Carrington Court, Cincinnati, OH 45249 (US). **MEHANSHO, Haile** [US/US]; 7 Highknoll Court, Fairfield, OH 45014 (US). **MELLICAN, Renee, Irvine** [US/US]; 72 Towne Commons Way #35, Woodlawn, OH 45215 (US). **LI, Jianjun** [CN/US]; 6464 Tylers Crossing, West Chester, OH 45069 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 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 YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48649** (13) A1

(21) PCT/IB98/00511

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 08/843,088 (32) **25 Apr/avr 1997** (33) US
(25.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A23L 3/3463, 2/44**

(54) • ANTIMICROBIAL COMBINATIONS OF SORBATE, NATAMYCIN AND DIALKYL DICARBONATE FOR USE IN FOOD PRODUCTS
• COMPOSITIONS ANTIMICROBIENNES DE SORBATE, DE NATAMYCINE ET DE BICARBONATE DE DIALKYLE POUVANT ETRE UTILISEES DANS DES PRODUITS ALIMENTAIRES

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

(72) **BUNGER, John, Robert**; P.O. Box 366, Hebron, KY 41048 (US). **EKANAYAKE, Athula**; 8656 Birchbard Drive, Cincinnati, OH 45249 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48650** (13) A1

(21) PCT/AT98/00107

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) A 731/97 (32) **28 Apr/avr 1997** (33) AT
(28.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A41B 9/14, 11/14**

(54) • METHOD FOR PRODUCING WAISTBANDS FOR PANTY HOSE
• PROCEDE POUR PRODUIRE DES CEINTURES SUR DES COLLANTS

(71) **WOLFORD AKTIENGESELLSCHAFT** [AT/AT]; Wolfordstrasse 1, A–6901 Bregenz (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **METZLER, Josef** [AT/AT]; Wolfordstrasse 1, A–6901 Bregenz (AT).

(74) **HOLZER, Walter** et al. / etc.; Fleischmanngasse 9, A–1040 Wien (AT).

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

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(11) **WO 98/48651** (13) A1

(21) PCT/US98/06129

(22) **27 Mar/mar 1998 (27.03.1998)**

(25) en (26) en

(31) 08/840,917 (32) **25 Apr/avr 1997** (33) US
(25.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A41D 1/00**

(54) • EXERCISE GARMENT
• VETEMENT D'EXERCICE

(71, 72) **DICKER, Timothy, P.** [US/US]; 6906 Foothill Boulevard, Tujunga, CA 91042–2780 (US). **WILKINSON, William, T.** [US/US]; 111 Seven Isles, N.E. 23rd Street, Fort Lauderdale, FL 33303 (US).

(74) **PEZZNER, Harold**; Connolly & Hutz, P.O. Box 2207, Wilmington, DE 19899 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48652** (13) A1

(21) PCT/US98/08531

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/848,799 (32) **1 May/mai 1997** (33) US
(01.05.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A41D 13/00**

(54) • AN ARTICLE COMPRISING A GARMENT OR OTHER TEXTILE STRUCTURE FOR USE IN CONTROLLING BODY TEMPERATURE
• ARTICLE COMPRENANT UN VETEMENT OU UNE AUTRE STRUCTURE EN TISSU UTILISE POUR REGULER LA TEMPERATURE DU CORPS

(71) **OCEANEERING INTERNATIONAL, INC.** [US/US]; Suite 600, 16001 Park Ten Place, Houston, TX 77084 (US).

(72) **BUTZER, Melissa, J.**; Apartment 2011, 900 Henderson Road, Houston, TX 77058–3812 (US).

(74) **EICKENROHT, Marvin, B.**; Vaden, Eickenroht & Thompson, L.L.P., Suite 1100, One Riverway, Houston, TX 77056–1982 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48653** (13) A1

(21) PCT/CA98/00364

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 2,204,066 (32) **30 Apr/avr 1997** (33) CA
(30.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A41D 13/10**

(54) • PROTECTIVE GLOVE WITH ERGONOMICS FEATURES
• GANT PROTECTEUR A FORMES ERGONOMIQUES

(71) **BAUER INC.** [CA/CA]; Suite 600, 8000 Décarie Boulevard, Montreal, Quebec H4P 2S4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAURIOL, Claude** [CA/CA]; 2492 du Faisan, Laval, Quebec H7L 4K8 (CA).

(74) **GEORGIEV, Stephan, P.** et al. / etc.; Smart & Biggar, Suite 3400, 1000 de la Gauchetière Street West, Montreal, Quebec H3B 4W5 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48654** (13) A1

(21) PCT/US98/08276

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/848,163 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A43B 5/00**

(54) • PROTECTIVE COVER FOR SPIKED GOLF SHOES
• ELEMENT DE PROTECTION POUR CHAUSSURES DE GOLF A POINTES

(71, 72) **KIRBY, Alan, A.** [US/US]; 924 Portola, Del Rey Oaks, CA 93940 (US).

(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., P.O. Box 15035, Crystal City Station, Arlington, VA 22215–0035 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48655** (13) A1

(21) PCT/US98/08216

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,082 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A44B 19/16, 19/26, B65D 33/25**

(54) • RECLOSABLE FASTENER ASSEMBLY
• ENSEMBLE DE FIXATION REUTILISABLE

(71) **S.C. JOHNSON HOME STORAGE, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

(72) **PORCHIA, Jose**; 3614 Windsor Court, Midland, MI 48640 (US). **DAIS, Brian, C.**; 368 East Saginaw Road, Sanford, MI 48657 (US). **TONEY, Kenneth, A.**; 3712 Sweetbrier, Midland, MI 48642 (US). **WELSH, Judi, R.**; 5007 Foxpoint Circle, Midland, MI 48642 (US).

(74) **FRANK, J., William, III** et al. / etc.; S.C. Johnson Home Storage, Inc., Patent Section, 1525 Howe Street, Racine, WI 53403 (US).

(81) AU BR CA CN ID JP KR MX NZ SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48656** (13) A1

(21) PCT/US98/08327

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,082 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) 08/919,951 (32) **29 Aug/août 1997** (33) US **(29.08.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A44B 19/36, B65D 33/25, A44B 19/16**

(54) • ENDSTOP AND DOCKING MEANS FOR THERMOPLASTIC BAGS
• BUTEE ET DISPOSITIF DE FIXATION POUR SACS THERMOPLASTIQUES

(71) **S.C. JOHNSON HOME STORAGE, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US). **KCL CORPORATION** [US/US]; Hodell and Prospect Streets, Shelbyville, IN 46176 (US).

(72) **PORCHIA, Jose**; 3614 Windsor Court, Midland, MI 48640 (US). **DAIS, Brian, C.**; 368 East Saginaw Road, Sanford, MI 48657 (US). **TONEY, Kenneth, A.**; 3712 Sweetbrier, Midland, MI 48642 (US). **WELSH, Judi, R.**; 5007 Foxpoint Circle, Midland, MI 48642 (US). **O'CONNOR, Thomas, P.**; 379 West Broadway, Shelbyville, IN 46176 (US). **BURKE, James, W.**; 101 Western Ridge Road, Cleves, OH 45002 (US).

(74) **FRANK, J., William, III** et al. / etc.; S.C. Johnson Home Storage, Inc., Patent Section, 1525 Howe Street, Racine, WI 53403 (US).

(81) AU BR CA CN ID JP KR MX NZ SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48657** (13) A1

(21) PCT/IB98/00574

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) fr (26) fr

(31) 968/97 (32) **25 Apr/avr 1997** (33) CH **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A44C 5/10**

(54) • WATCH OR JEWEL BRACELET WITH ARTICULATED LINKS AND FLEXIBLE FITTINGS
• BRACELET DE MONTRE OU DE BIJOU AVEC MAILLONS ARTICULES ET GARNITURES SOUPLES

(71) **MAUBOUSSIN HORLOGERS** [FR/FR]; 136, avenue des Champs Elysées, F–75008 Paris (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MILLE, Richard** [FR/FR]; 3, avenue Alphand, F–75116 Paris (FR).

(81) CA CN ID JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48658** (13) A1

(21) PCT/KR97/00253

(22) **3 Dec/déc 1997 (03.12.1997)**

(25) ja (26) ja

(31) 1997/9102 U (32) **29 Apr/avr 1997** (33) KR **(29.04.1997)**

(31) 1997/15260 U (32) **23 Jun/juin 1997** (33) KR **(23.06.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A45D 34/04, A46B 5/00**

(54) • COSMETIC BRUSH
• PINCEAU DE MAQUILLAGE

(71) **SEINAZUR COSMETICS CO., LTD.** [KR/KR]; Detached Office, Korea Maritime & Port Administration, Room No. 209, 112–2, Inui–dong, Chongro–ku, Seoul 110–140 (KR).

(72) **KIM, Soon, Suk**; 737–14, Hannam–dong, Yongsan–ku, Seoul 140–210 (KR).

(74) **CHUNG, Tae, Ryoun**; Chung & Co., 12th floor, Hyundai Jeonwon Officetel, 1589–7, Socho–dong, Socho–gu, Seoul 137–070 (KR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CU CZ DE DK EE ES FI GB GE GH HU IL IS KE KG 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; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48659** (13) A1

(21) PCT/US98/08448

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/843,316 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A45D 40/26, A61F 13/00, 15/00, B08B 1/00, B65D 69/00, 71/00, 73/00, 85/100**

(54) • SAMPLER APPLICATOR HAVING A STRETCHY LAYER
• APPLICATEUR D'ECHANTILLONS A COUCHE EXTENSIBLE

(71) **ARCADE, INC.** [US/US]; 1600 East Main Street, Chattanooga, TN 37404 (US).

(72) **AMITAI, Nathan**; 449 Ruckman Road, Closter, NJ 07624 (US).

(74) **STERN, Gidon, D.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/48660** (13) A1

(21) PCT/US98/08650

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/848,841 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A46B 5/02, 5/04, 11/00, A45D 40/20, B43K 3/00**

(54) • ADAPTABLE PRESSURE WRITING INSTRUMENT HOLDER

- PORTE–INSTRUMENT D'ECRITURE A PRESSION ADAPTABLE

(71, 72) **BISTRACK, Carl** [US/US]; P.O. Box 567, Southampton, PA 18966–9998 (US).

(74) **BONK, William, A.**; A + Legal Services, 314 Philadelphia Avenue, Takoma Park, MD 20912 (US).

(81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/48661** (13) A1

(21) PCT/US98/07463

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 08/847,899 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A46B 7/04**

(54) • MODULAR INTERDENTAL BRUSH
• BROSSE INTERDENTAIRE MODULAIRE

(71) **COLGATE–PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).

(72) **ZAKSENBERG, Issac**; 950 Raritan Road, Scotch Plains, NJ 07076 (US).

(74) **MCGREAL, Michael, J.**; Colgate–Palmolive Company, 909 River Road, Piscataway, NJ 08855–1343 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48662** (13) A1

(21) PCT/KR97/00065

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A46B 9/04**

(54) • ANTI–DENTAL INJURY TOOTHBRUSH
• BROSSE A DENTS N'ABIMANT PAS LA DENTURE

(71, 72) **AHN, Jin–Su** [KR/KR]; No. 402, Dongbu villa, 627–17, Sangdo–dong, Nam–ku, Pohang–si 790–150, KyongSang–bukdo (KR).

(74) **KOO, Ja–Duk**; Koo, Ja–Duk Patent & Law Firm, 648–26, 1st floor, Heungyong Building, Yoksam–dong, Kangnam–ku, Seoul 135–080 (KR).

(81) CN DE GB JP US.

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(11) **WO 98/48663** (13) A1

(21) PCT/US98/08292

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/847,917 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A46B 11/02, 11/06**

(54) • SOAP AND WATER DISPENSING SYSTEM
• SYSTEME DE DISTRIBUTION DE SAVON ET D'EAU

(71) **THE LELAND GROUP, INC.** [US/US]; 835 East Lamar Boulevard, Arlington, TX 76011 (US).

(72) **BROWNE, Leland, Warren, Jr.**; 1014 North Jackson, Joplin, MO 64801 (US). **BROWNE, Leland, Warren, III**; 710 Viewside Circle, Arlington, TX 76011 (US). **LAMMONS, Carl**; 1308 Cherokee, Arlington, TX 76012 (US). **STORY, James, B.**; 5022 Oak Bend, Denton, TX 76208 (US). **FREITAS, Michael, Woodford**; 8421 Castle Creek, North Richland Hills, TX 76180 (US). **STEWART, Walter, Edward**; 2103 Daniel Way, Carrollton, TX 75006 (US). **KEARBY, David, Lee**; 8309 Emerald Hills Way #108, North Richland Hills, TX 76180 (US). **CUNNINGHAM, John, Faris**; 2502 High Star Drive, Garland, TX 75041 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, Suite 3200, 1445 Ross Avenue, Dallas, TX 75202–2799 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48664** (13) A2

(21) PCT/DE98/01163

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) de (26) de

(31) 197 17 481.7 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47B**

(54) • COMMUNICATION COLUMN
• COLONNE DE COMMUNICATION

(71) **SCHREINEREI KARL HILT** [DE/DE]; Friedhofstrasse 11, D–71397 Leutenbach (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HILT, Roland** [DE/DE]; Friedhofstrasse 11, D–71397 Leutenbach (DE).

(74) **VOGLER, Silvia** et al. / etc.; Wiederholdstrasse 10, D–70174 Stuttgart (DE).

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

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(11) **WO 98/48665** (13) A2

(21) PCT/DE98/01149

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 772.7 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(31) 197 32 590.4 (32) **29 Jul/juil 1997** (33) DE **(29.07.1997)**

(31) 197 38 220.7 (32) **2 Sep/sep 1997** (33) DE **(02.09.1997)**

(31) 297 18 494.6 (32) **17 Oct/oct 1997** (33) DE **(17.10.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47B 21/02**

(54) • WORKING TABLE
• TABLE DE TRAVAIL

(71, 72) **STEINHILBER, Helmut** [DE/CH]; Sonnenbergstrasse 40, CH–6052 Hergiswil (CH).

(74) **WESTPHAL, MUSSGNUG & PARTNER**; Waldstrasse 33, D–78048 Villingen–Schwenningen (DE).

(81) AU BG BR CA CN CZ HU ID IL JP KR MX NO NZ PL RU SG SK TR UA US YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48666** (13) A1

(21) PCT/GB98/01182

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 9708537.7 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47B 57/42**

(54) • SUPPORT STRUCTURE
• STRUCTURE DE SUPPORT

(71) **CIL INTERNATIONAL LIMITED** [GB/GB]; Fonthill Road, London N4 3HN (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CLARK, Timothy, James** [GB/GB]; 201 Wightman Road, Haringey, London N8 3BB (GB).

(74) **WOODWARD, John, Calvin** et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48667** (13) A2

(21) PCT/DE98/01040

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) de (26) de

(31) 197 18 255.0 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47C**

(54) • DRIVE MECHANISM FOR ADJUSTING PARTS IN FURNITURE FOR SITTING AND LYING DOWN
• DISPOSITIF D'ENTRAINEMENT POUR LE REGLAGE DE PARTIES DE MEUBLES FAITS POUR S'ASSEOIR OU POUR S'ALLONGER

(71) **OKIN GESELLSCHAFT FÜR ANTRIEBSTECHNIK MBH & CO. KG** [DE/DE]; Zur Merhardt 9, D–51645 Gummersbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCH, Dietmar** [DE/DE]; Zur Merhardt 9, D–51645 Gummersbach (DE).

(74) **LIPPERT, H., J.** et al. / etc.; Frankenforster Strasse 135–137, D–51427 Bergisch Gladbach (DE).

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

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(11) **WO 98/48668** (13) A1

(21) PCT/US98/08802

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,614 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 09/016,374 (32) **30 Jan/jan 1998 (30.01.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47C 1/032**

(54) • CHAIRBACK WITH SIDE TORSIONAL MOVEMENT
• DOSSIER DE FAUTEUIL A MOUVEMENT LATERAL DE TORSION

(71) **HAWORTH, INC.** [US/US]; One Haworth Center, 1400 Highway M–40, Holland, MI 49423 (US).

(74) **MAKI, Mark, L.** et al. / etc.; Flynn, Thiel, Boutell & Tanis, P.C., 2026 Rambling Road, Kalamazoo, MI 49008–1699 (US).

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

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(11) **WO 98/48669** (13) A1

(21) PCT/DK98/00152

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) da (26) en

(31) 0479/97 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DK

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47C 1/121**

(54) • SEATING FURNITURE FOR MOUNTING ON A CARRIER ELEMENT AND PLATE FOR THE BACK OF SUCH A SEATING FURNITURE
• SIEGE CONÇU POUR ETRE INSTALLE SUR UN ELEMENT PORTEUR ET PLAQUE DESTINEE AU DOSSIER D'UN TEL SIEGE

(71, 72) **JENSEN, Uffe** [DK/DK]; Fasanvej 11, DK–9700 Brønderslev (DK).

(74) **PATENTGRUPPEN APS**; Arosgaarden, Åboulevarden 31, DK–8000 Aarhus C (DK).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48670** (13) A1

(21) PCT/US98/08828

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,618 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 09/016,371 (32) **30 Jan/jan 1998 (30.01.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47C 3/00**

(54) • TILT CONTROL FOR CHAIR
• MECANISME DE COMMANDE DE L'INCLINAISON D'UN SIEGE

(71) **HAWORTH, INC.** [US/US]; One Haworth Center, 1400 Highway M–40, Holland, MI 49423 (US).

(72) **ROSLUND, Richard, N., Jr.**; 2239 Greendale Drive, Hudsonville, MI 49426 (US). **NELSON, Patrick**; 675 Larkwood Drive, Holland, MI 49423 (US). **WILKERSON, Larry, Allen**; 1340 Buth N.E., Comstock Park, MI 49321 (US). **ROARK, Troy**; 9120 Hiawatha Drive, West Olive, MI 49460 (US). **DRAL, Joel**; 5250 Old Cornelia Highway, Lula, GA 30554 (US). **SIMPSON, Steve**; 338 West 21st Street, Holland, MI 49423 (US). **CLARK, John**; 97 Algonquin Avenue, Holland, MI 49424 (US).

(74) **MAKI, Mark, L.** et al. / etc.; Flynn, Thiel, Boutell & Tanis, P.C., 2026 Rambling Road, Kalamazoo, MI 49008–1699 (US).

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

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(11) **WO 98/48671** (13) A1

(21) PCT/US98/08803

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,616 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47C 7/02, A44B 1/04**

(54) • MEMBRANE CHAIR
• FAUTEUIL A MEMBRANE

(71) **HAWORTH, INC.** [US/US]; One Haworth Center, 1400 Highway M–40, Holland, MI 49423 (US).

(72) **RITCH, David, J.**; 20651 Seaboard Road, Malibu, CA 90265 (US). **SAFFELL, Mark, B.**; 2104 North Ardmore Avenue, Manhattan Beach, CA 90266 (US). **WILKERSON, Larry, A.**; 1340 Buth, N.E., Comstock Park, MI 49321 (US).

(74) **MAKI, Mark, L.** et al. / etc.; Flynn, Thiel, Boutell & Tanis, P.C., 2026 Rambling Road, Kalamazoo, MI 49008–1699 (US).

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

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(11) **WO 98/48672** (13) A1

(21) PCT/AT98/00086

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) de (26) de

(31) GM 272/97 (32) **29 Apr/avr 1997 (29.04.1997)** (33) AT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47C 17/16**

(54) • SEAT WHICH CAN BE CONVERTED INTO A BED
• SIEGE CONVERTIBLE EN LIT

(71) **HODRY METALLWARENFABRIK R. HOPPE GES.MBH & CO. KG** [AT/AT]; Diefenbachgasse 53, A–1150 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLATTNER, Herbert** [AT/AT]; Grottenhofstrasse 10, A–8053 Graz (AT).

(74) **RIPPEL, Andreas**; Maxingstrasse 34, A–1130 Wien (AT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48673** (13) A1

(21) PCT/US98/08058

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 08/841,125 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47C 17/24**

(54) • MATTRESS ARTICULATION STRUCTURE
• STRUCTURE D'ARTICULATION DE MATELAS

(71) **HILL–ROM, INC.** [US/US]; 1069 State Route 46 East, Batesville, IN 47006–9167 (US).

(72) **SOLTANI, Sohrab**; 223 Muirfield Parkway, Charleston, SC 29414 (US). **ASHCRAFT, David, N.**; 1320 Crown Reach, Mt. Pleasant, SC 29464 (US). **PEREZ, Timothy, W.**; 1509 B. Theresa Drive, James Island, SC 29412 (US). **ROMANO, James, J.**; 135 Oyster Point Row, James Island, SC 29412 (US). **KERRIGAN, Elizabeth, D.**; 2111 Sewee Indian Court, Mt. Pleasant, SC 29464 (US).

(74) **NIEDNAGEL, Timothy, E.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48674** (13) A1

(21) PCT/IE98/00031

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) S970313 (32) **28 Apr/avr 1997 (28.04.1997)** (33) IE

(31) S970838 (32) **27 Nov/nov 1997 (27.11.1997)** (33) IE

(31) S980053 (32) **28 Jan/jan 1998 (28.01.1998)** (33) IE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47F 3/04, F25D 3/12**

(54) • A COOLING APPARATUS
• DISPOSITIF DE REFRIGERATION

(71) **SCOTWAY LIMITED** [IE/IE]; Woods House, Blackrock, County Dublin (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRICE, Alan** [IE/IE]; Islington Cottages, Islington Avenue, Sandycove, County Dublin (IE).

(74) **CASEY, Lindsay, Joseph**; F. R. Kelly & Co., 27 Clyde Road, Ballsbridge, Dublin 4 (IE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; EA (AM AZ BY KG 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 ML MR NE SN TD TG).

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(11) **WO 98/48675** (13) A1

(21) PCT/EP98/02294

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) de (26) de

(31) 297 07 628.0 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47F 5/00**

(54) • DISPLAY AND SALES SHELF
• ETAGERE DE PRESENTATION ET DE VENTE

(71) **DECOR–METALL KARL BECKER GMBH & CO. KG** [DE/DE]; Benzstrasse 3–5, D–32108 Bad Salzuflen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RÜCKER, Heinz** [DE/DE]; Lerchenstrasse 34, D–63150 Heusenstamm (DE).

(74) **HANEWINKEL, Lorenz**; Ferrariweg 17a, D–33102 Paderborn (DE).

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

Published / Publiée : *(c)*

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(11) **WO 98/48676** (13) A1

(21) PCT/US98/08217

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/848,514 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47F 5/11, B65D 5/72**

(54) • DISPLAY BOX
• BOITE–PRESENTOIR

(71) **S.C. JOHNSON & SON, INC.** [US/US]; 1525 Howe Street, Racine, WI 53403 (US).

(72) **SAMUELSON, Leon, C.**; 4600 Pierce Boulevard, Racine, WI 53405 (US).

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

(81) AU BR CA CZ HU JP MX NZ PL RU TR UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48677** (13) A1

(21) PCT/US98/08469

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/044,552 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 09/050,306 (32) **30 Mar/mar 1998 (30.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47G 21/08, G01F 1/56**

(54) • NOVELTY ARTICLE
• ARTICLE FANTAISIE

(71, 72) **LEE, Seungsoo** [KR/US]; 708 Walnut Drive, Franklin Lakes, NJ 07417 (US).

(74) **SELITTO, Ralph, W., Jr.**; Selitto & Associates, P.C., Suite 7, 100 Plainfield Avenue, P.O. Box 1477, Edison, NJ 08818–1477 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/48678** (13) A1

(21) PCT/EP98/02508

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 297 07 643.4 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47G 33/12**

(54) • CHRISTMAS TREE STAND
• SUPPORT POUR ARBRES DE NOEL

(71) **KRINNER, Klaus** [DE/DE]; Blumenthal 23, D–94342 Strasskirchen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHULZ, Farriba** [DE/DE]; Adalbertstrasse 38, D–80799 München (DE). **SCHULZ, Rainer** [DE/DE]; Elektrastrasse 12a, D–81925 München (DE).

(74) **ROST, Jürgen**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Postfach 86 06 20, D–81633 München (DE).

(81) CA CZ HU NO PL SK US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/48679** (13) A2

(21) PCT/DE98/01257

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 18 399.9 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47J 27/62**

(54) • METHOD FOR CARRYING OUT AN INDIVIDUALIZED COOKING PROCESS AND COOKING DEVICE PERTAINING THERETO
• PROCEDE POUR LA CONDUITE INDIVIDUELLE D'UN ROTISSAGE ET ROTISSOIRE CORRESPONDANTE

(71) **RATIONAL GMBH** [DE/DE]; Iglinger Strasse 62, D–86899 Landsberg am Lech (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LÖFFLER, Erhard** [DE/DE]; Römerweg 9, D–86842 Türkheim (DE). **KOHLSTRUNG, Peter** [DE/DE]; Thomas–Morus–Strasse 9, D–86916 Kaufering (DE). **SCHWEINFEST–FEILE, Thomas** [DE/DE]; Freilandstrasse 39, D–82178 Puchheim (DE).

(74) **GODDAR, Heinz** et al. / etc.; Boehmert & Boehmert, Hollerallee 32, D–28209 Bremen (DE).

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

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(11) **WO 98/48680** (13) A1

(21) PCT/US98/08286

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,320 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47J 36/16**

(54) • STIRRING DEVICE FOR A SLOW COOKER
• DISPOSITIF DE BRASSAGE POUR MIJOTEUSE

(71) **SUNBEAM PRODUCTS, INC.** [US/US]; Suite 200, 1615 South Congress Avenue, Delray Beach, FL 33445 (US).

(72) **WARD, Randall, S.**; 308 Robin Drive, Hattiesburg, MS 39402 (US). **MYERLY, Robert, Scott**; 196 West Canebrake Boulevard, Hattiesburg, MS 39402 (US). **AUSTEN, Timothy, F.**; 842 Forest Lane, Evanston, IL 60202 (US).

(74) **KLINE, Michael, J.** et al. / etc.; Thorp, Reed & Armstrong, One Riverfront Center, Pittsburgh, PA 15222–4895 (US).

(81) AU CA CN ID IL IS JP KR MX NO NZ PL RU SG UA VN YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48681** (13) A1

(21) PCT/EP98/02538

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 297 07 837.2 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47J 41/02**

(54) • INSULATING CONTAINER
• RECIPIENT ISOLANT

(71, 72) **LOHBERG, Uwe** [DE/DE]; Wilhelmshofallee 84, D–47800 Krefeld (DE). **SUSEN, Gerhard** [DE/DE]; Nordwall 121, D–47798 Krefeld (DE).

(74) **ZANGS, Rainer** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D–81925 München (DE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48682** (13) A1

(21) PCT/CA98/00383

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/842,511 (32) **24 Apr/avr 1997 (24.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47J 42/08**

(54) • SPICE/PEPPER–MILL ADJUSTMENT MECHANISM
• MECANISME DE REGLAGE D'UN MOULIN A EPICES/POIVRE

(71) **GENIN, TRUDEAU & CIE LTEE** [CA/CA]; 1600 Eiffel, Trans–Canada Highway, Boucherville, Quebec J4B 5Y1 (CA).

(72) **TARDIF, Pierre**; 445 St.–Jean Street, Longueuil, Quebec J4H 2Y1 (CA). **TELLIER, Jean–François**; 4167 Papineau, Montreal, Quebec H2Y 4K2 (CA).

(74) **GEORGIEV, Stephan, P.** et al. / etc.; Smart & Biggar, Suite 3400, 1000 de la Gauchetière Street West, Montreal, Quebec H3B 4W5 (CA).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48683** (13) A1

(21) PCT/US98/08287

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/843,093 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47J 43/08**

(54) • SPEED CONTROL FOR STAND MIXER FOR PROVIDING AN INCREMENTAL POWER BOOST
• REGULATION DE LA VITESSE D'UN BATTEUR SUR SOCLE EN VUE D'UNE AUGMENTATION DE REGIME INCREMENTIELLE

(71) **SUNBEAM PRODUCTS, INC.** [US/US]; Suite 200, 1615 South Congress Avenue, Delray Beach, FL 33445 (US).

(72) **ALLARD, John, J.**; 59 Serene Meadow, Hattiesburg, MS 39402 (US). **KENNEDY, William, Michael**; 318 Batson Road, Petal, MS 39465 (US).

(74) **KLINE, Michael, J.** et al. / etc.; Thorp, Reed & Armstrong, One Riverfront Center, Pittsburgh, PA 15222–4895 (US).

(81) AU CA CN ID IL JP KR MX NO NZ SG TR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48684** (13) A1

(21) PCT/US98/08529

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,771 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47K 10/16, D21H 27/00**

(54) • FLUSHABLE CELLULOSIC PRODUCTS AND PROCESSES AND SYSTEMS FOR FLUSHING SUCH PRODUCTS
• PRODUITS CELLULOSIQUES JETABLES DANS LES TOILETTES, PROCEDES ET SYSTEMES PERMETTANT DE JETER CES PRODUITS DANS LES TOILETTES

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

(72) **MAHAFFEY, Cleary, E.**; 4970 Chatsworth Lane, Suwanee, GA 30174 (US). **BREYER, Walter, H.**; 1275 Poplar Grove Lane, Cumming, GA 30131 (US). **CHIU, Taiwoo**; 1520 Shade Tree Way, Alpharetta, GA 30201 (US).

(74) **JONES, Neil, C.** et al. / etc.; Dority & Manning, P.A., P.O. Box 1449, Greenville, SC 29602–1449 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48685** (13) A1

(21) PCT/IT98/00101

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) FI97A000094 (32) **28 Apr/avr 1997 (28.04.1997)** (33) IT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47L 11/03, 11/30**

(54) • A MACHINE FOR THE WET CLEANING OF FLOORS
• MACHINE DE LAVAGE DE SOLS

(71, 72) **SCARSELLI, Renzo** [IT/IT]; Via Colli Alti, 131, I–50058 Signa (IT). **SCARSELLI, Sergio** [IT/IT]; Via Dante Alighieri, 18, I–50055 Lastra a Signa (IT).

(74) **MANNUCCI, Michele** et al. / etc.; Via della Scala, 4, I–50123 Firenze (IT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48686** (13) A1

(21) PCT/IT98/00102

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) FI97A000092 (32) **28 Apr/avr 1997 (28.04.1997)** (33) IT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A47L 11/30**

(54) • A SYSTEM OF BRUSHES FOR A MACHINE FOR CLEANING FLOORS AND/OR CARPETS, RUGS OR THE LIKE AND A BRUSH FOR SUCH A SYSTEM
• SYSTEME DE BROSSES DESTINE A UNE MACHINE DE NETTOYAGE DE SOLS ET/OU DE TAPIS, CARPETTES OU ANALOGUE, ET BROSSE SERVANT DANS UN TEL SYSTEME

(71, 72) **SCARSELLI, Renzo** [IT/IT]; Via Colli Alti, 131, I–50058 Signa (IT). **SCARSELLI, Sergio** [IT/IT]; Via Dante Alighieri, 18, I–50055 Lastra A Signa (IT).

(74) **MANNUCCI, Michele** et al. / etc.; Via della Scala, 4, I–50123 Firenze (IT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48687** (13) A2

(21) PCT/US98/08404

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,252 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B**

(54) • SURGICAL INSTRUMENT WITH ROTATABLY MOUNTED OFFSET END EFFECTOR AND METHOD OF USING THE SAME
• INSTRUMENT CHIRURGICAL A TERMINAL DESAXE MONTE ROTATIF ET PROCEDE D'UTILISATION

(71, 72) **YOON, InBae** [US/US]; 2101 Highland Ridge Drive, Phoenix, MD 21131 (US). **YOON, Samuel, C.** [US/US]; 719 Leister Drive, Timonium, MD 21093 (US).

(74) **EPSTEIN, Robert, H.**; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850–3164 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48688** (13) A2

(21) PCT/US98/08406

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,189 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B**

(54) • SURGICAL INSTRUMENT WITH MULTIPLE ROTATABLY MOUNTED OFFSET END EFFECTORS AND METHOD OF USING THE SAME
• INSTRUMENT CHIRURGICAL A PLUSIEURS TERMINAUX DESAXES MONTES ROTATIFS ET PROCEDE D'UTILISATION

(71, 72) **YOON, InBae** [US/US]; 2101 Highland Ridge Drive, Phoenix, MD 21131 (US). **YOON, Samuel, C.** [–/US]; 709 Leister Drive, Timonium, MD 21093 (US).

(74) **EPSTEIN, Robert, H.**; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850–3164 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48689** (13) A1

(21) PCT/US98/08732

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,157 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 1/00, 7/10, 7/16, 11 /02**

(54) • EYEWEAR COMPRISING A VISUAL ENTERTAINMENT SYSTEM
• SYSTEME VISUEL LUDIQUE COMPRENANT UNE LUNETTE

(71, 72) **KALLENBACH, Neville, R.** [US/US]; Suite 10E, 1 Washington Square Village, New York, NY 10003 (US). **MOROZOV, Victor N.** [RU/US]; Suite 3K, 14 Washington Place, New York, NY 10003 (US).

(74) **EVANS, Barry** et al. / etc.; Whitman Breed Abbott & Morgan LLP, 200 Park Avenue, New York, NY 10166 (US).

(81) AU CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48690** (13) A1

(21) PCT/US97/07161

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 1/07**

(54) • TRANSILLUMINATING BOUGIE
• BOUGIE DE TRANSILLUMINATION

(71) **BIOENTERICS CORPORATION** [US/US]; 1035 Cindy Lane, Carpinteria, CA 93013 (US).

(72) **ALARCON, Sean, D.**; 1722 De La Vina Street #6, Santa Barbara, CA 93101 (US).

(74) **PETIT, Michael, G.**; 1309–A State Street, Santa Barbara, CA 93101 (US).

(81) AU CA JP RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48691** (13) A1

(21) PCT/US98/07786

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 60/044,863 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 3/00, 3/14**

(54) • METHOD FOR OBSERVING THE EYE IN MINIMAL LIGHT
• PROCEDES D'OBSERVATION DE L'OEIL AVEC UN MINIMUM DE LUMIERE

(71, 72) **COLVARD, Matthew** [US/US]; 1280 Piedra Morada, Pacific Palisades, CA 90272 (US).

(74) **RAM, Michael, J.** et al. / etc.; Loeb & Loeb LLP, Suite 2200, 10100 Santa Monica Boulevard, Los Angeles, CA 90067 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM GW HU ID IL 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48692** (13) A1

(21) PCT/US98/08271

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/045,006 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 60/067,810 (32) **5 Dec/déc 1997 (05.12.1997)** (33) US

(31) 09/020,475 (32) **9 Feb/fév 1998 (09.02.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 5/042, 7/02**

(54) • APPARATUS AND METHOD FOR EVALUATING CARDIAC FUNCTIONS
• APPAREIL ET TECHNIQUE D'EVALUATION DE FONCTIONS CARDIAQUES

(71) **SENSOR DEVICES, INC.** [US/US]; 1801–A Airport Road, Waukesha, WI 53188 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MELNIKOFF, Donald, J.** [US/US]; 866 South 76th Street, West Allis, WI 53214 (US). **YOUNG, Robert, L.** [US/US]; N.27 W.2207 Shadywood Court, Waukesha, WI 53186 (US).

(74) **HAUFF, Charles, F., Jr.**; Snell & Wilmer, One Arizona Center, 400 East Van Buren, Phoenix, AZ 85004–0001 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48693** (13) A1

(21) PCT/RU98/00123

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ru (26) ru

(31) 97107063 (32) **29 Apr/avr 1997 (29.04.1997)** (33) RU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 5/05, G01R 27/00**

(54) • METHOD FOR MEASURING THE ELECTRICAL CONDUCTION OF ORGANIC TISSUES
• PROCEDE DE MESURE DE LA CONDUCTIVITE ELECTRIQUE DE TISSUS ORGANIQUES

(71, 72) **KARASEV, Alexandr Alexandrovich** [RU/RU]; Mariupolskoe shosse, 27/1–164, Taganrog, 347939 (RU).

(81) CA FI JP US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48694** (13) A1

(21) PCT/GB98/01253

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 97/3679 (32) **29 Apr/avr 1997 (29.04.1997)** (33) ZA

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 5/087**

(54) • PEAK FLOW MONITOR
• DISPOSITIF SERVANT A CONTROLER UN DEBIT DE POINTE

(71) **HARWILL INDUSTRIES (PTY.) LTD.** [ZA/ZA]; 2 Vygeboom, Durbanville, Western Cape (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(71) **GEMMELL, Peter, Alan** [GB/GB]; 25 The Square, Martlesham Heath, Ipswich, Suffolk IP5 3SL (GB).
(only for / seulement pour MG)

(72, 75) **FOURIE, Pieter, Rousseau** [ZA/ZA]; 7 Buffalo Street, Vygeboom 7550, Western Cape (ZA).

(74) **GEMMELL, Peter, A.** et al. / etc.; Dummett Copp, 25 The Square, Martlesham Heath, Ipswich, Suffolk IP5 3SL (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48695** (13) A1

(21) PCT/EP98/02502

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 18 081.7 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 5/14**

(54) • SINGLE–USE LANCETS
• LANCETTES A USAGE UNIQUE

(71) **BOEHRINGER MANNHEIM GMBH** [DE/DE]; D–68298 Mannheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOHL, Joachim** [DE/DE]; Drosselweg 23, D–64625 Bensheim (DE). **KUHR, Hans–Jürgen** [DE/DE]; Perreystrasse 30, D–68219 Mannheim (DE). **ARGAUER, Herbert** [DE/DE]; Hochdorf 24, D–92712 Pirk (DE).

(74) **BOEHRINGER MANNHEIM GMBH**; Patentabteilung, D–68298 Mannheim (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48696** (13) A1

(21) PCT/GB98/01237

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708512.0 (32) **28 Apr/avr 1997** (33) GB **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 5/14**

(54) • IMPROVEMENTS RELATING TO SKIN PRICKERS
• PERFECTIONNEMENTS APPORTES A DES SUPPORTS DE LANCETTES A USAGE INTRADERMIQUE

(71) **OWEN MUMFORD LIMITED** [GB/GB]; Brook Hill, Woodstock, Oxford OX20 1TU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CROSSMAN, David, Danvers** [GB/GB]; The Tower, Christmas Common, Oxford 0X9 5HL (GB). **MARSHALL, Jeremy** [GB/GB]; 16 Cranham Street, Jericho, Oxford OX2 6DD (GB).

(74) **LAINE, Simon, James** et al. / etc.; Wynne–Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).

(81) AU JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48697** (13) A1

(21) PCT/JP97/01458

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) ja (26) ja

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 5/16**

(54) • METHOD AND APPARATUS FOR ANALYZING LANGUAGE EXPRESSION FUNCTION
• PROCEDE ET APPAREIL PERMETTANT D'ANALYSER UNE FONCTION D'EXPRESSION LINGUISTIQUE

(71, 72) **NOJIMA, Seiji** [JP/JP]; 2705, Aza–Shiobata, Oaza–Shobata, Saori–cho, Ama–gun, Aichi 496 (JP).

(74) **TAKEUCHI, Saburo** et al. / etc.; Toranomon 1–chome Mori Building, 19–5, Toranomon 1–chome, Minato–ku, Tokyo 105 (JP).

(81) CA CN IL KR RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48698** (13) A1

(21) PCT/US97/19668

(22) **27 Oct/oct 1997 (27.10.1997)**

(25) en (26) en

(31) 08/848,595 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 5/22**

(54) • SQUEEZABLE EXERCISER
• EXERCISEUR EXTENSIBLE

(71) **AEROVIRONMENT, INC.** [US/US]; 222 East Huntington Drive, Monrovia, CA 91016 (US).

(72) **MACCREADY, Paul, B., Jr.**; 1065 Armada Drive, Pasadena, CA 91103 (US).

(74) **ROTH, W., Norman**; Suite 707, 523 West Sixth Street, Los Angeles, CA 90014 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN; AP (GH KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48699** (13) A1

(21) PCT/US98/08769

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,399 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 6/00**

(54) • METHOD OF IMAGING CELL DEATH IN VIVO
• PROCEDE D'IMAGERIE DE LA MORT CELLULAIRE IN VIVO

(71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Stanford, CA 94305 (US). **UNIVERSITY OF WASHINGTON** [US/US]; Seattle, WA 98105–4631 (US).

(72) **BLANKENBERG, Francis, G.**; 1965 Avy Avenue, Menlo Park, CA 94025 (US). **STRAUSS, H., W.**; 45 Summit Ridge Place, Redwood City, CA 94063 (US). **TAIT, Jonathan, F.**; 13716 39th Avenue, N.E., Seattle, WA 98125 (US). **KATSIKIS, Peter, D.**; Apartment D16, 941 South Avenue, Secane, PA 19018 (US).

(74) **FRAZIER, Jeffery, D.** et al. / etc.; Dehlinger & Associates, P.O. Box 60850, Palo Alto, CA 94306–0850 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48700** (13) A1

(21) PCT/US98/08341

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,074 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/00, 17/42**

(54) • UMBILICAL CORD CUTTING AND CLAMPING DEVICE
• DISPOSITIF PERMETTANT DE SERRER ET SECTIONNER LE CORDON OMBILICAL

(71) **CETUS, L.C.** [US/US]; 18160 Highway 281 North, San Antonio, TX 78232 (US).

(72) **RAMSEY, James**; 23111 Marvilla Lane, Coto de Caza, CA 92679 (US). **PLAMBECK, Gregg, E.**; 2868 Via Bellota, San Clemente, CA 92673 (US). **SUAREZ, Fernando**; 979 Cheyenne Street, Costa Mesa, CA 92629 (US).

(74) **GORDON, David, P.**; 65 Woods End Road, Stamford, CT 06905 (US).

(81) BR CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48701** (13) A1

(21) PCT/US98/08403

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,191 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/00**

(54) • INSTRUMENT ASSEMBLIES FOR PERFORMING ANATOMICAL TISSUE LIGATION
• ASSEMBLAGE D'INSTRUMENTS PERMETTANT DE REALISER UNE LIGATURE DE TISSU ANATOMIQUE

(71, 72) **YOON, InBae** [US/US]; 2101 Highland Ridge Drive, Phoenix, MD 21131 (US). **YOON, Samuel, C.** [–/US]; 719 Leister Drive, Timonium, MD 21093 (US).

(74) **EPSTEIN, Robert, H.**; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850–3164 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48702** (13) A1

(21) PCT/US98/08581

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,253 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/00**

(54) • SUTURING INSTRUMENT WITH ROTATABLY MOUNTED OFFSET NEEDLE HOLDER AND METHOD OF USING THE SAME
• INSTRUMENT DE SUTURE COMPORTANT UN PORTE–AIGUILLE DECALE MONTE ROTATIF, ET PROCEDE D'UTILISATION DE CELUI–CI

(71, 72) **YOON, InBae** [US/US]; 2101 Highland Ridge Drive, Phoenix, MD 21131 (US). **YOON, Samuel, C.** [US/US]; 719 Leister Drive, Timonium, MD 21093 (US).

(74) **EPSTEIN, Robert, H.**; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850–3164 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48703** (13) A1

(21) PCT/EP98/02235

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) de (26) de

(31) 297 07 567.5 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/02, 17/11**

(54) • DEVICE FOR LOCALLY IMMOBILIZING A BEATING HEART
• SYSTEME D'IMMOBILISATION LOCALE D'UN COEUR EN TRAIN DE BATTRE

(71, 72) **RIESS, Andreas, G.** [DE/DE]; Langer Kamp 72, D–22850 Norderstedt (DE).

(74) **BÖHME, Ulrich**; Hoeger, Stellrecht & Partner, Uhlandstrasse 14c, D–70182 Stuttgart (DE).

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

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(11) **WO 98/48704** (13) A1

(21) PCT/US98/08348

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,333 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/02**

(54) • SURGICAL RETRACTOR
• ECARTEUR CHIRURGICAL

(63) US 08/845,333 (CIP)
25 Apr/avr 1997 (25.04.1997)

(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) **COHN, William** [US/US]; 104 Lagrange Street, Chestnut Hill, MA 02167 (US).

(74) **HOOVER, Thomas, O.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48705** (13) A1

(21) PCT/US98/08405

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,254 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/04**

(54) • SUTURING INSTRUMENT WITH MULTIPLE ROTATABLY MOUNTED OFFSET NEEDLE HOLDERS AND METHOD OF USING THE SAME
• INSTRUMENT A SUTURER A PLUSIEURS PORTE–AIGUILLE MONTES ROTATIF ET PROCEDE D'UTILISATION

(71, 72) **YOON, InBae** [US/US]; 2101 Highland Ridge Drive, Phoenix, MD 21131 (US).

(72, 75) **YOON, Samuel, C.** [–/–]; 719 Leister Drive, Timonium, MD 21093 (US).

(74) **EPSTEIN, Robert, H.**; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850–3164 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48706** (13) A1

(21) PCT/GB98/00652

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 9708681.3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/12**

(54) • OCCLUSION DEVICE
• DISPOSITIF OCCLUSIF

(71) **BRADFORD HOSPITALS NHS TRUST** [GB/GB]; Duckworth Lane, Bradford, West Yorkshire BD9 6RY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71) **SABANATHAN, Thirumani** (heir of the deceased inventor / héritier de l'inventeur décédé) [GB/GB]; 8 Foster Park Road, Denholme, Bradford BD13 4BE (GB).
(only for / seulement pour US)

(72) **SABANATHAN, Sabaratnam** (deceased / décédé).

(74) **LUNT, Mark, George, Francis**; Dibb Lupton Alsop, Fountain Precinct, Balm Green, Sheffield S1 1RZ (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48707** (13) A1

(21) PCT/CH98/00154

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 973/97 (32) **25 Apr/avr 1997 (25.04.1997)** (33) CH

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/16**

(54) • DEVICE FOR PRODUCING ENDOCHONDRAL AND OSTEOCHONDRAL DRILLED HOLES
• DISPOSITIF POUR REALISER DES TROUS ENDOCHONDRAUX ET OSTEOCHONDRAUX

(71) **SULZER ORTHOPÄDIE AG** [CH/CH]; Grabenstrasse 25, CH–6340 Baar (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZECH, Manfred** [CH/CH]; Hinterwuhrstrasse 21, CH–8450 Andelfingen (CH). **SAAGER, Christoph** [CH/CH]; Obere Schmiede, CH–3055 Frieswil (CH). **MAINIL–VARLET, Pierre** [BE/CH]; Wildstrasse 9, CH–3005 Bern (CH). **MÜLLER–GLAUSER, Werner** [CH/CH]; Wannenstrasse 6, CH–8542 Wiesendangen (CH).

(74) **SULZER MANAGEMENT AG**; KS/Patente/0007, Zürcherstrasse 14, CH–8401 Winterthur (CH).

(81) CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48708** (13) A1

(21) PCT/FR98/00760

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) fr (26) fr

(31) 97/05387 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/16**

(54) • BONE RECOVERING SURGICAL DRILL COMPRISING A COLOURED MARK
• FORET CHIRURGICAL RECUPERATEUR D'OS COMPORTANT UNE BUTEE A REPERE EN COULEUR

(71) **SOCIETE IMPLANTS DIFFUSION** [FR/FR]; 59, rue Pixerecourt, F–75020 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUKHRIS, Gilles** [FR/FR]; 46, boulevard de Reuilly, F–75012 Paris (FR).

(74) **SOCIETE IMPLANTS DIFFUSION**; 59, rue Pixerecourt, F–75020 Paris (FR).

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

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(11) **WO 98/48709** (13) A1

(21) PCT/US98/08416

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,068 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 60/045,322 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 60/056,507 (32) **21 Aug/août 1997 (21.08.1997)** (33) US

(31) 60/056,533 (32) **21 Aug/août 1997 (21.08.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/22, B25B 9/00**

(54) • POSITIVELY EXPANDING AND RETRACTING MEDICAL EXTRACTOR
• EXTRACTEUR MEDICAL SE DEPLOYANT ET SE REPLIANT EN MODE POSITIF

(71, 72) **LIPPITT, Raymond, F.** [US/US]; 8601 Burning Tree Road, Bethesda, MD 20817 (US). **LIPPITT, Robert, G.** [US/US]; 515 Rosewood Drive, Smithfield, NC 27577 (US).

(74) **LIPPITT, Raymond, F.**; 8601 Burning Tree Road, Bethesda, MD 20817 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48710** (13) A1

(21) PCT/US98/08644

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,068 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 60/045,322 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 60/056,527 (32) **21 Aug/août 1997 (21.08.1997)** (33) US

(31) 60/056,509 (32) **21 Aug/août 1997 (21.08.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/22, B25B 9/00**

(54) • ANNULARLY EXPANDING AND RETRACTING GRIPPING AND RELEASING MECHANISM
• MECANISME DE PREHENSION ET DE LIBERATION S'ETENDANT ET SE RETRACTANT DE FAÇON ANNULAIRE

(71, 72) **LIPPITT, Raymond, F.** [US/US]; 8601 Burning Tree Road, Bethesda, MD 20817 (US). **LIPPITT, Robert, G.** [US/US]; 515 Rosewood Drive, Smithfield, NC 27577 (US).

(74) **LIPPITT, Raymond, F.**; 8601 Burning Tree Road, Bethesda, MD 20817 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48711** (13) A1

(21) PCT/US98/08933

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,268 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/22**

(54) • ULTRASOUND CATHETER
• CATHETER A ULTRASONS

(71) **EKOS CORPORATION** [US/US]; Suite 148, 22122 20th Avenue, S.E., Bothell, WA 98021 (US).

(72) **TACHIBANA, Katsuro**; 6–18, Kusagae 1–chome, Chuo–ku, Fukuoka–shi, Fukuoka 810 (JP). **HANSMANN, Douglas, R.**; 5008 Rockaway Beach Road, N.E., Barnbridge Island, WA 98110 (US). **ANDERSON, Jim**; 9200 Woodinville–Redmond Road, NE#D 431, Redmond, WA 98052 (US).

(74) **DAVIS, Paul**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (US).

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

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(11) **WO 98/48712** (13) A1

(21) PCT/US98/05381

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/840,668 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/34, A61M 25/02**

(54) • APPARATUS AND METHOD FOR SECURING A MEDICAL INSTRUMENT TO A CANNULA OF A TROCAR ASSEMBLY
• DISPOSITIF ET PROCEDE SERVANT A FIXER UN INSTRUMENT MEDICAL A UNE CANULE D'ENSEMBLE TROCART

(71) **MOENNING, Stephen, P.** [US/US]; 1940 Jamaica Way, Punta Gorda, FL 33950 (US).

(72) **MANKER, Charles**; 35 N. Greenbay Road, Lake Forest, IL 60045 (US).

(74) **ADDISON, Bradford, G.**; Maginot, Addison & Moore, Bank One Center/Tower, Suite 3000, 111 Monument Circle, Indianapolis, IN 46204–5130 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48713** (13) A1

(21) PCT/US98/08773

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,245 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 08/846,263 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/34, 10/00**

(54) • DIRECTIONAL ENDOSCOPIC SURGICAL DEVICE
• DISPOSITIF CHIRURGICAL ENDOSCOPIQUE DIRECTIONNEL

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

(72) **AZNOIAN, Harold, M.**; 168 Osgood Street, N. Andover, MA 01845 (US). **LAMPORT, Ronald, B.**; 4 Benoit Avenue, Pelham, NH 03076 (US). **PATTERSON, Frank**; P.O. Box 4931, Exeter, NH 03833 (US).

(74) **SCHECHTER, Peter, C.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022–7513 (US).

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

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(11) **WO 98/48714** (13) A1

(21) PCT/US97/09506

(22) **4 Jun/juin 1997 (04.06.1997)**

(25) en (26) en

(31) 08/846,268 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/36**

(54) • ELECTROSURGICAL BLADE WITH A CONDUCTIVE, NON–STICK COATING
• LAME ELECTROCHIRURGICALE AVEC REVETEMENT CONDUCTEUR NON ADHERANT

(71) **MEDQUEST PRODUCTS, INC.** [US/US]; Suite N413, 825 North 300 West, Salt Lake City, UT 84103 (US).

(72) **KUMAR, B., Ajit**; Suite N413, 825 North 300 West, Salt Lake City, UT 84103 (US). **KHANWILKAR, Pratap**; 1651 East Shadow Cove, Salt Lake City, UT 84121 (US). **OLSEN, Don, B.**; 8832 Blue Jay Lane, Salt Lake City, UT 84121 (US).

(74) **NORTH, Vaughn, W.** et al. / etc.; Thorpe, North & Western, L.L.P., Suite 200, 9035 South 700 East, Sandy, UT 84070 (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 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 UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48715** (13) A1

(21) PCT/US98/04680

(22) **11 Mar/mar 1998 (11.03.1998)**

(25) en (26) en

(31) 08/845,448 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/36**

(54) • A UNIVERSAL IMPLANT BLANK FOR MODIFYING CORNEAL CURVATURE AND METHODS OF MODIFYING CORNEAL CURVATURE THEREWITH
• IMPLANT UNIVERSEL SERVANT A MODIFIER L'INCURVATION CORNEENNE ET PROCEDES SERVANT A MODIFIER L'INCURVATION CORNEENNE AU MOYEN DE CET IMPLANT

(71, 72) **PEYMAN, Gholam, A.** [US/US]; Unit 1, 8653 Pontchartrain Boulevard, New Orleans, LA 70124 (US).

(74) **GOODMAN, Alfred, N.** et al. / etc.; Roylance, Abrams, Berdo & Goodman, LLP, 1225 Connecticut Avenue, N.W., Washington, DC 20036 (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 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48716** (13) A1

(21) PCT/FR98/00850

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05297 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/41, A61K 9/16**

(54) • METHOD FOR REMOVING SUPERFLUOUS HAIRS
• PROCEDE D'EPILATION

(71) **CENTRE INTERNATIONAL DE RECHERCHE DERMATOLOGIQUES GALDERMA (C.I.R.D. GALDERMA)** [FR/FR]; Sophia Antipolis, 635, route des Lucioles, F–06560 Valbonne (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUMIAN, Chryslain** [FR/FR]; Résidence les Bastides, Entrée les Antilles 1, 180, chemin des Combes, F–06600 Antibes (FR). **PITRE, Franck** [FR/FR]; 825, chemin de Rabiac, Estagnol, F–06600 Antibes (FR). **MORDON, Serge** [FR/FR]; 21, avenue des Villas, F–59491 Villeneuve d'Asq (FR). **BUFFARD, Karine** [FR/FR]; 10, place des Arcades, Mougins le Haut, F–06250 Mougins (FR). **BOUCLIER, Martine** [FR/FR]; "L'île verte", 22, pacette Plaqueminiers, F–06560 Valbonne (FR).

(74) **TEZIER HERMAN, Béatrice**; L'Oréal DPI, 90, rue du Général Roguet, F–92583 Clichy Cedex (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48717** (13) A1

(21) PCT/FR98/00880

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) fr (26) fr

(31) S970323 (32) **30 Apr/avr 1997 (30.04.1997)** (33) IE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/70, A61F 2/44**

(54) • APPARATUS FOR INTERLOCKING TWO CONTIGUOUS, IN PARTICULAR LUMBAR, VERTEBRAE
• DISPOSITIF POUR SOLIDARISER DEUX VERTEBRES CONTIGUES, NOTAMMENT LOMBAIRES

(71, 72) **TAYLOR, Jean** [FR/FR]; 141, rue d'Antibes, F–06400 Cannes (FR).

(72, 75) **VILLARET, Bernard** [FR/FR]; 20, rue de Salles, F–17220 Croix–Chapeau (FR). **HERRERA, Harmodio** [PA/PA]; Calle Aquilino de la Guardia n° 8, Panama City (PA).

(74) **MARTIN, Jean–Paul**; Cabinet Lavoix, 2, place d'Estienne d'Orves, F–75441 Paris Cedex 09 (FR).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48718** (13) A1

(21) PCT/US98/08272

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,190 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/70**

(54) • THREADED FUSION CAGE ANCHORING DEVICE AND METHOD
• PROCEDE ET DISPOSITIF D'ANCRAGE D'UNE CAGE DE FUSION FILETEE

(71) **TEGEMENTA, L.L.C.** [US/US]; 125A Alexander Walker, Kings Mill on James, Williamsburg, VA 23185 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAY, Charles, Dean** [US/US]; 125 Alexander Walker, Williamsburg, VA 23185 (US).

(74) **BARRESE, Rocco, S.** et al. / etc.; Dilworth & Barrese, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48719** (13) A1

(21) PCT/US98/08707

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,473 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 17/70**

(54) • A MODULAR SPINAL PLATE
• PLAQUE SPINALE MODULAIRE

(71) **TECHSYS MEDICAL, L.L.C.** [US/US]; 47 Maple Street, Summit, NJ 07921 (US).

(72) **ERRICO, Joseph, P.**; 150 Doublas Road, Far Hills, NJ 07931 (US). **ERRICO, Thomas, J.**; 5 Crest Acre Court, Summit, NJ 07901 (US). **RALPH, James, D.**; 71 Manito Avenue, Oakland, NJ 07436 (US). **TATAR, Steven**; 45 Upper Mountain Avenue, Montville, NJ 07045 (US).

(74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006–1888 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48720** (13) A1

(21) PCT/US97/07745

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 19/00**

(54) • METHOD FOR TREATING MEDICAL CONDITIONS USING A MICROPROCESSOR–BASED VIDEO GAME
• TRAITEMENT DE PATHOLOGIES PAR UN JEU VIDEO COMMANDE PAR MICROPROCESSEUR

(71) **RAYA SYSTEMS INC.** [US/US]; Suite 520, 2570 West El Camino Real, Mountain View, CA 94040 (US).

(72) **BROWN, Stephen, J.**; 1525 Napina Street, San Mateo, CA 94402 (US).

(74) **KIM, Jae, H.**; Hopgood, Calimafde, Kalil & Judlowe L.L.P., 60 East 42nd Street, New York, NY 10165 (US).

(81) AU CA JP MX NZ SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48721** (13) A1

(21) PCT/US98/03924

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) en (26) en

(31) 08/848,611 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 19/00**

(54) • SURGICAL DRAPE LEAK DETECTION METHOD AND APPARATUS
• PROCEDE ET APPAREIL DE DETECTION DE FUITES D'UN CHAMP OPERATOIRE

(71) **O.R. SOLUTIONS, INC.** [US/US]; Suite A, 14014 Sullyfield Circle, Chantilly, VA 20151 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FARIES, Durward, I., Jr.** [US/US]; 1202 Windrock, McLean, VA 22102 (US). **HEYMANN, Bruce, R.** [US/US]; 9701 Woodlawn Glen Court, Vienna, VA 22182 (US).

(74) **EDELL, Ira, C.**; Epstein, Edell & Retzer, Suite 400, 1901 Research Boulevard, Rockville, MD 20850 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48722** (13) A1

(21) PCT/US98/07194

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 08/847,684 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 19/00**

(54) • CATHETER POSITIONING SYSTEM

- SYSTEME DE POSITIONNEMENT POUR CATHETER

(71) **AMERICAN CARDIAC ABLATION CO., INC.** [US/US]; 125 John Hancock Road, Taunton, MA 02780 (US).

(72) **NARDELLA, Paul, C.**; 12 Cromesett Point, Wareham, MA 02571 (US). **WRUBLEWSKI, Thomas, A.**; 5 Tall Tree Road, Sharon, MA 02067 (US).

(74) **GEARY, William, C., III** et al. / etc.; Nutter, McClennen & Fish, LLP, One International Place, Boston, MA 02110–2699 (US).

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

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(11) **WO 98/48723** (13) A1

(21) PCT/US98/08431

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/846,810 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 19/00, A61K 9/22, A61M 11/00, 31/00**

(54)
- TECHNIQUES FOR TREATING NEURODEGENERATIVE DISORDERS BY INFUSION OF NERVE GROWTH FACTORS INTO THE BRAIN
- TRAITEMENT D'AFFECTIONS NEURODEGENERATIVES PAR PERFUSION DE FACTEURS DE CROISSANCE NERVEUSE DANS LE CERVEAU

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue N.E., Minneapolis, MN 55432 (US).

(72) **ELSBERRY, Dennis, D.**; 5345 Union Terrace Lane North, Plymouth, MN 55442 (US). **RISE, Mark, T.**; 7745 Aetna Avenue N.E., Monticello, MN 55362 (US).

(74) **RESIS, Robert, H.**; Banner & Witcoff, Ltd., Suite 3000, 10 S. Wacker Drive, Chicago, IL 60606 (US).

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

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(11) **WO 98/48724** (13) A1

(21) PCT/US98/08837

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,155 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61B 19/00, 17/34, 17/02**

(54)
- SURGICAL ACCESS PORT
- ORIFICE D'ACCES CHIRURGICAL

(63) US 08/847,155 (CON) 30 Apr/avr 1997 (30.04.1997)

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; Suite 800, 18 Tremont Street, Boston, MA 02108 (US). **SMITH AND NEPHEW, INC.** [US/US]; 160 Dascomb Road, Andover, MA 01810 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEANE, Richard** [US/US]; 52 Burr Road, Hingham, MA 02043 (US). **EK, Steve** [US/US]; 59 Bolton Woods Road, Bolton, MA 01740 (US). **NIEMANN, Allison, C.** [US/US]; 20 Colborne Road #6, Brighton, MA 02135 (US). **CARROLL, Maureen, E.** [US/US]; 1046 North Avenue #4, Atlanta, GA 30306 (US). **HASSLINGER, Randall, J.** [US/US]; 2585 Bethany Creek Court, Alpharetta, GA 30201 (US). **STAMM, Edward, I., Jr.** [US/US]; 5550 Glenridge N.E. #534, Atlanta, GA 30342 (US). **VERDURA, Javier** [US/US]; 1567 Milford Creek Lane, Marietta, GA 30060 (US).

(74) **FASSE, J., Peter**; 225 Franklin Street, Boston, MA 02110–2804 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48725** (13) A1

(21) PCT/DE97/02614

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 197 18 124.4 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61C 8/00**

(54)
- TOOL FOR HANDLING A SCREW ELEMENT OF AN INTRA–OSSEOUS IMPLANT
- PROCEDE DE MANIPULATION D'UN ELEMENT A VIS D'UN IMPLANT INTRA–OSSEUX

(71) **IMZ FERTIGUNGS– UND VERTRIEBSGESELLSCHAFT FÜR DENTALE TECHNOLOGIE MBH** [DE/DE]; Talstrasse 23, D–70794 Filderstadt (DE). **ALTATEC MEDIZINTECHNISCHE ELEMENTE GMBH & CO. KG** [DE/DE]; Im Steinernen Kreuz 27, D–75449 Wurmberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRSCH, Axel** [DE/DE]; Sonnenbergstrasse 37, D–70184 Stuttgart (DE). **DÜRR, Walter** [DE/DE]; Panoramastrasse 5, D–75196 Remchingen (DE).

(74) **GODDAR, Heinz**; Boehmert & Boehmert, Hollerallee 32, D–28209 Bremen (DE).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48726** (13) A1

(21) PCT/DE97/02623

(22) **6 Nov/nov 1997 (06.11.1997)**

(25) de (26) de

(31) 197 18 175.9 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61C 8/00**

(54)
- CONICAL IMPLANT
- IMPLANT CONIQUE

(71) **IMZ FERTIGUNGS– UND VERTRIEBSGESELLSCHAFT FÜR DENTALE TECHNOLOGIE MBH** [DE/DE]; Talstrasse 23, D–70794 Filderstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRSCH, Axel** [DE/DE]; Sonnenbergstrasse 37, D–70184 Stuttgart (DE). **SCHERBERGER, Rolf** [DE/DE]; Schweitzer Weg 4, D–75217 Birkenfeld (DE).

(74) **GODDAR, Heinz**; Boehmert & Boehmert, Hollerallee 32, D–28209 Bremen (DE).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48727** (13) A1

(21) PCT/DE98/00949

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) de (26) de

(31) 197 18 176.7 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61C 8/00**

(54)
- CONICAL IMPLANT
- IMPLANT CONIQUE

(71) **IMZ FERTIGUNGS– UND VERTRIEBSGESELLSCHAFT FÜR DENTALE TECHNOLOGIE MBH** [DE/DE]; Talstrasse 23, D–70794 Filderstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRSCH, Axel** [DE/DE]; Sonnenbergstrasse 37, D–70184 Stuttgart (DE). **SCHERBERGER, Rolf** [DE/DE]; Schweitzer Weg 4, D–75217 Birkenfeld (DE).

(74) **GODDAR, Heinz**; Boehmert & Boehmert, Hollerallee 32, D–28209 Bremen (DE).

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

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(11) **WO 98/48728** (13) A1

(21) PCT/SE98/00729

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 9701581–2 (32) **28 Apr/avr 1997** (33) SE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61C 8/00**

(54)
- IMPLANT SYSTEM
- SYSTEME D'IMPLANT

(71) **ASTRA AKTIEBOLAG (publ)** [SE/SE]; S–151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSSON, Stig** [SE/SE]; Astra Tech AB, P.O. Box 14, S–431 21 Mölndal (SE).

(74) **PATENT DEPT.**; Astra Aktiebolag, S–151 85 Södertälje (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48729** (13) A1

(21) PCT/SE98/00730

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 9701582–0 (32) **28 Apr/avr 1997 (28.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61C 8/00**

(54) • IMPLANT SYSTEM
• SYSTEME D'IMPLANT

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S–151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HANSSON, Stig** [SE/SE]; Astra Tech AB, P.O. Box 14, S–431 21 Mölndal (SE).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S–151 85 Södertälje (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48730** (13) A1

(21) PCT/US98/08330

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,686 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61C 17/06**

(54) • AUTOMATIC CLEANING DEVICE
• DISPOSITIF DE NETTOYAGE AUTOMATIQUE

(71) **SULTAN CHEMISTS, INC.** [US/US]; 85 West Forest Avenue, Englewood, NJ 07631 (US).

(72) **LONCZAK, John**; 14 Park Place, Newburgh, NY 12550 (US). **GOGGIN, Christopher**; 104 Edwards Avenue, Calverton, NY 11933 (US). **HEIMAN, Lester**; 45 Lebed Drive, Somerset, NJ 08873 (US).

(74) **RASKIN, Martin, G.** et al. / etc.; Steinberg & Raskin, P.C., 1140 Avenue of the Americas, New York, NY 10036 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48731** (13) A1

(21) PCT/FR98/00817

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) fr (26) fr

(31) 97/05425 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61D 19/00**

(54) • ARTIFICIAL INSEMINATION DEVICE FOR LIVESTOCK SUCH AS, IN PARTICULAR, SOWS
• DISPOSITIF D'INSEMINATION ARTIFICIELLE POUR ANIMAUX D'ELEVAGE TELS QUE, NOTAMMENT, TRUIES

(71) **GENES DIFFUSION** [FR/FR]; 3595, route de Tournai, F–59500 Douai (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIEGOIS, Luc** [FR/FR]; 45, rue Augustin Tirmont, F–59283 Raimbeaucourt (FR).

(74) **DUTHOIT, Michel**; Bureau Duthoit Legros Associés, 19, square Dutilleul, Boîte postale 105, F–59027 Lille Cedex (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48732** (13) A1

(21) PCT/US98/05957

(22) **25 Mar/mar 1998 (25.03.1998)**

(25) en (26) en

(31) 08/841,213 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/06**

(54) • STENT DELIVERY SYSTEM
• SYSTEME DE PLACEMENT D'EXTENSEUR

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **TUCKEY, Joel, F.**; 990 Summer Holly Lane, Encinitas, CA 92024 (US). **RUPP, Garry, Eugene**; 10777–B Andrea Terrace, Santee, CA 92071 (US).

(74) **PLUNKETT, Dianne, M., F.** et al. / etc.; Medtronic, Inc., MS301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48733** (13) A1

(21) PCT/US98/08275

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,164 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/06**

(54) • IMPROVED STENT CONFIGURATIONS
• AMELIORATIONS APPORTEES A DES CONFIGURATIONS D'EXTENSEURS

(71) **SCIMED LIFE SYSTEMS, INC.** [US/US]; One Scimed Place, Maple Grove, MN 55311 (US).

(72) **EHR, Timothy, G., J.**; 19017 Zane Street N.W., Elk River, MN 55330 (US). **KVEEN, Graig, L.**; 14125 74th Place North, Maple Grove, MN 55311 (US).

(74) **ARRETT, Oliver, F.** et al. / etc.; Suite 2000, 6109 Blue Circle Drive, Minnetonka, MN 55343 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48734** (13) A1

(21) PCT/US98/08408

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/845,734 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/845,657 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/06**

(54) • INTRAVASCULAR STENT
• EXTENSEUR INTRAVASCULAIRE

(71, 72) **JANG, G., David** [US/US]; 30725 Eastbern Lane, Redlands, CA 92374 (US).

(74) **DAVIS, Paul**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (US).

(81) AU CA CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/48735** (13) A1

(21) PCT/US98/08411

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/845,657 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/845,734 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/06**

(54) • INTRAVASCULAR STENT
• EXTENSEUR INTRAVASCULAIRE

(71, 72) **JANG, G., David** [US/US]; 30725 Eastbern Lane, Redlands, CA 92374 (US).

(74) **DAVIS, Paul**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304–1050 (US).

(81) AU CA CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48736** (13) A1

(21) PCT/GB98/01200

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708540.1 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/08, A61B 17/11**

(54) • TENDON GRAFTING AID
• AUXILIAIRE DE GREFFE DU TENDON

(71) **UNIVERSITY COLLEGE LONDON** [GB/GB]; Gower Street, London WC1E 6BT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANUSHAKIAN, Hagop, Samuel** [LB/GB]; The Moorings, 159 Brindley Close, London HA0 1BU (GB). **MCGROUTHER, Duncan, Angus** [GB/GB]; University College Hospital, Charles Bell House, 1st floor, 67–73 Riding House Street, London W1P 7LD (GB).

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

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48737** (13) A1

(21) PCT/US98/07948

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/846,443 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/20, H03B 29/00**

(54) • ACTIVE HEADSET WITH BRIDGE AMPLIFIER
• CASQUE D'ECOUTE ACTIF A AMPLIFICATEUR EN PONT

(71) **NOISE CANCELLATION TECHNOLOGIES, INC.** [US/US]; 1025 West Nursery Road, Linthicum, MD 21090 (US).

(72) **JONES, Owen**; Water Run Cottage, Mill Lane, Chattisham, Ipswich IP8 3PX (GB).

(81) AU CA CN ID JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48738** (13) A1

(21) PCT/FR98/00825

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/05137 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(31) 97/14150 (32) **12 Nov/nov 1997 (12.11.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/44, A61B 17/86**

(54) • TWO–PART INTERSOMATIC IMPLANT
• IMPLANTS INTERSOMATIQUES EN DEUX PARTIES

(71) **DIMSO (DISTRIBUTION MEDICALE DU SUD–OUEST)** [FR/FR]; Z.I. de Marticot, F–33610 Cestas (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CROZET, Yves** [FR/FR]; 1, impasse du Logis Fleuri, F–74600 Seynod (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

(81) AU CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48739** (13) A1

(21) PCT/US98/08832

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,172 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 09/046,759 (32) **24 Mar/mar 1998 (24.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/44**

(54) • MULTI–VARIABLE HEIGHT FUSION DEVICE
• DISPOSITIF DE SOUDURE A REGLAGES MULTIPLES DE LA HAUTEUR

(71) **SPINAL CONCEPTS, INC.** [US/US]; Suite B–160, 8200 Cameron Road, Austin, TX 78754 (US).

(72) **WAGNER, Erik, J.**; 801 Creekside Lane, Allen, TX 75002 (US). **HOCHSCHULER, Stephen, H.**; 17214 Club Hill Drive, Dallas, TX 75248 (US). **RASHBAUM, Ralph, F.**; 6935 Spanky Branch, Dallas, TX 75248 (US). **DINSDALE, Michael, C.**; 1003 North Park, Richardson, TX 75081 (US). **GUYER, Richard, D.**; 18401 Turnbridge Drive, Dallas, TX 75252 (US).

(74) **MEYERTONS, Eric, B.**; Conley, Rose & Tayon, P.C., P.O. Box 3267, Houston, TX 77253–3267 (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 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48740** (13) A1

(21) PCT/SE98/00786

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9701595–2 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/68**

(54) • ARTIFICIAL SENSIBILITY
• SENSIBILITE ARTIFICIELLE

(71) **HAND MEDIC HB** [SE/SE]; Göran Lundborg, Björnstorps by, S–240 13 Genarp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUNDBORG, Göran** [SE/SE]; Björnstorps by, S–240 13 Genarp (SE).

(74) **HAND MEDIC HB**; Göran Lundborg, Björnstorps by, S–240 13 Genarp (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48741** (13) A1

(21) PCT/SE98/00543

(22) **25 Mar/mar 1998 (25.03.1998)**

(25) en (26) en

(31) 9701619–0 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 2/80**

(54) • A METHOD FOR CREATING A SLEEVE MEMBER ATTACHED TO A BODY PORTION AND A SLEEVE MEMBER ACCORDING TO THE METHOD
• PROCEDE DE REALISATION D'UN MANCHON ATTACHE A UNE PARTIE CORPORELLE ET MANCHON REALISE SELON CE PROCEDE

(71) **CENTRI AB** [SE/SE]; Datavägen 6, S–175 43 Järfälla (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HELLBERG, Kennet** [SE/SE]; Mörbylundsvägen 40, S–186 33 Vallentuna (SE).

(74) **HEDBERG, Åke** et al. / etc.; Dr. Ludwig Brann Patentbyrå AB, P.O. Box 1344, S–751 43 Uppsala (SE).

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

(11) **WO 98/48742** (13) A1

(21) PCT/US98/08795

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,170 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 5/00**

(54) • METHOD AND APPARATUS FOR PREFABRICATED RETRACTING ELEVATED SCAPULOTHORACIC ORTHOSIS
• PROCEDE ET APPAREIL POUR UNE ORTHESE SCAPULO–THORACIQUE PREFABRIQUEE POUR RETRACTION OU ELEVATION

(71) **ALBERT EINSTEIN HEALTHCARE NETWORK** [US/US]; 5501 Old York Road, Philadelphia, PA 19141 (US).

(72) **SCHWARTZ, L., Matthew**; 2020 Walnut Street, Philadelphia, PA 19103 (US).

(74) **CHILD, John, S., Jr.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48743** (13) A1

(21) PCT/CN97/00038

(22) **29 Apr/avr 1997 (29.04.1997)**

(25) zh (26) zh

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 5/048**

(54) • SPINAL THREE–DIMENSIONAL ORTHOPEDIC EQUIPMENT
• EQUIPEMENT ORTHOPEDIQUE TRIDIMENSIONNEL POUR LE DOS

(71) **CHINESE WATER RESOURCE AND ELECTRIC POWER MEDICAL SCIENCE AND TECHNOLOGY SOCIETY** [CN/CN]; No. 1, Lane 2, Baiguang Road, Xuanwu District, Beijing 100761 (CN). **XIAO, Shiyou** [CN/CN]; CWEMS, No. 1, Lane 2, Baiguang Road, Xuanwu District, Beijing 100761 (CN).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **ZHANG, JiLing** [CN/CN]; Dianli Hospital, Jingshi Road 117, Jinan City, Shandong Province 250001 (CN).

(74) **CHINA SINDA INTELLECTUAL PROPERTY LTD.**; Sigma Business Center, 4th floor, Xueyuan Road 41, Haidian District, Beijing 100088 (CN).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48744** (13) A1

(21) PCT/SE98/00733

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) sv (26) en

(31) 9701570–5 (32) **25 Apr/avr 1997 (25.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 5/10, 5/37 // 13/10**

(54) • SPLINT
• ATTELLE

(71) **REHBAND ANATOMISKA AB** [SE/SE]; P.O. Box 7044, S–191 07 Sollentuna (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERNHOLM, Christine** [SE/SE]; Marknadsvägen 261, S–183 34 Täby (SE). **ERIKSSON, Thomas** [SE/SE]; Rullstensgränd 8, nb, S–135 50 Tyresö (SE).

(74) **JANSON, Ronny** et al. / etc.; Axel Ehrners Patentbyrå AB, P.O. Box 10316, S–100 55 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48745** (13) A1

(21) PCT/US98/08331

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,866 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 9/00**

(54) • A DECORATIVE VISOR ASSEMBLY
• ENSEMBLE VISIERE DECORATIF

(71, 72) **GATTAMORTA, Ruben, D.** [AR/US]; 9375 Fountainbleau Boulevard #L–217, Miami, FL 33172 (US).

(74) **MALLOY, Jennie, S.**; Malloy & Malloy, P.A., 2800 S.W. Third Avenue, Miami, FL 33129 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48746** (13) A1

(21) PCT/EP98/02428

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,908 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 9/007**

(54) • DUAL MODE OPHTHALMIC LASER ABLATION
• ABLATION LASER OPHTALMIQUE A DOUBLE MODE

(71) **CHIRON TECHNOLAS GMBH** [DE/DE]; Ophthalmologische Systeme, Max–Plank–Strasse 6, D–85609 Dornach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOHLA, Kristian** [DE/DE]; Brunnstein–Strasse 10, D–85591 Vaterstetten (DE).

(74) **VOSSIUS & PARTNER**; Siebertstrasse 4, D–81675 Munich (DE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48747** (13) A2

(21) PCT/US98/08332

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,171 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 9/013**

(54) • IMPROVED AUTOMATIC SURGICAL DEVICE FOR CUTTING A CORNEA AND A CUTTING BLADE ASSEMBLY AND CONTROL ASSEMBLY THEREFOR
• DISPOSITIF CHIRURGICAL AUTOMATIQUE AMELIORE POUR INCISER LA CORNEE, ENSEMBLE LAME D'INCISION ET ENSEMBLE DE COMMANDE

(71, 72) **HELLENKAMP, Johann, F.** [US/US]; 7740 S.W. 75th Terrace, Miami, FL 33143 (US).

(74) **MALLOY, Jennie, S.**; Malloy & Malloy, P.A., 2800 S.W. Third Avenue, Miami, FL 33176 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48748** (13) A2

(21) PCT/US98/08396

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,171 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 9/013**

(54) • IMPROVED AUTOMATIC SURGICAL DEVICE AND CONTROL ASSEMBLY FOR CUTTING A CORNEA
• PERFECTIONNEMENT D'UN DISPOSITIF CHIRURGICAL AUTOMATIQUE ET ENSEMBLE PERMETTANT DE GUIDER L'INCISION D'UNE CORNEE

(71, 72) **HELLENKAMP, Johann, F.** [US/US]; 7740 S.W. 75th Terrace, Miami, FL 33143 (US).

(72) **SHERIN, Richard, J.**; 9764 S.W. 110th Street, Miami, FL 33176 (US).

(74) **MALLOY, Jennie, S.**; Malloy & Malloy, P.A., 2800 S.W. Third Avenue, Miami, FL 33176 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48749** (13) A2

(21) PCT/DE98/01249

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 297 08 128.4 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(31) 298 00 598.0 (32) **9 Jan/jan 1998 (09.01.1998)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 9/08**

(54) • ORIENTATION AID FOR THE BLIND AND THE VISUALLY DISABLED
• AUXILIAIRE D'ORIENTATION POUR MALVOYANTS

(71, 72) **RITZ, Maria** [DE/DE]; Muskauer Strasse 36, D–10997 Berlin (DE). **KÖNIG, Lutz** [DE/DE]; Zabel–Krüger–Damm 165, D–13469 Berlin (DE). **WÖSTE, Ludger** [DE/DE]; Waltariestrasse 17, D–14109 Berlin (DE).

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

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(11) **WO 98/48750** (13) A1

(21) PCT/CZ98/00020

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) PUV 6619–97 (32) **28 Apr/avr 1997 (28.04.1997)** (33) CZ

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 13/15, 13/66**

(54) • FASTENING SYSTEM FOR REUSABLE DIAPER
• SYSTEME DE FIXATION POUR COUCHE–CULOTTE REUTILISABLE

(71, 72) **MORÁVEK, Zdenek** [CZ/CZ]; Svatopluka Čecha 678, 551 01 Jaroměř (CZ).

(74) **PATENTSERVIS PRAHA A.S.**; Jívenská 1/1273, 140 00 Praha 4 (CZ).

(81) AT AT (Utility model / modèle d'utilité) CH DE DE (Utility model / modèle d'utilité) HU (Utility model / modèle d'utilité) PL (Utility model / modèle d'utilité) SK SK (Utility model / modèle d'utilité) UA (Utility model / modèle d'utilité).

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(11) **WO 98/48751** (13) A1

(21) PCT/IB98/00490

(22) **6 Apr/avr 1998 (06.04.1998)**

(25) en (26) en

(31) 9710795.8 (32) **29 Apr/avr 1997 (29.04.1997)** (33) EP

(34) BE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 13/15**

(54) • ADHESIVE–FREE FEMALE FASTENING PORTION FOR A MECHANICAL FASTENING DEVICE
• PARTIE FEMELLE SANS ADHESIF D'UN DISPOSITIF DE FERMETURE MECANIQUE

(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) **MÜLLER, Jörg** [DE/DE]; Alte Haingasse 15, D–61184 Karben (DE). **BUSAM, Ludwig** [DE/DE]; Talstrasse 17, D–65510 Hünstetten (DE).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48752** (13) A1

(21) PCT/IB98/00620

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 97107169.1 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) BE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 13/15**

(54) • INDIVIDUAL LAYERED STRUCTURES CONTAINING PARTICULATE MATERIAL, AND PROCESS FOR MANUFACTURING SAID STRUCTURES
• STRUCTURES STRATIFIEES INDIVIDUELLES CONTENANT UNE MATIERE PARTICULAIRE, ET PROCEDE DE FABRICATION DE CES STRUCTURES

(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) **FEBO, Pietro** [IT/IT]; Via C. Colombo, 38, I–65126 Pescara (IT). **WESSEL, Thomas** [DE/IT]; Via Colle Breccia, 43, I–65100 Pescara (IT). **GAGLIARDI, Ivano** [IT/IT]; Via Montanara, 29, I–65123 Pescara (IT).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48753** (13) A1

(21) PCT/US98/08218

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 970590–3 (32) **28 Apr/avr 1997 (28.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61F 13/15**

(54) • ABSORBENT ARTICLE FOR MALE WEARERS
• ARTICLE ABSORBANT POUR HOMME

(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) **BJORNBERG, Sten, Gunnar** [SE/SE]; Magistervagen 8, S–163 51 Spanga (SE).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48754** (13) A2

(21) PCT/BR98/00002

(22) **13 Jan/jan 1998 (13.01.1998)**

(25) en (26) en

(31) MU 7700977–0 U (32) **25 Apr/avr 1997 (25.04.1997)** (33) BR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61G**

(54) • DEVICE APPLIED TO A CHAIR FOR MEDICAL WORK
• DISPOSITIF APPLIQUE A UN FAUTEUIL A USAGE MEDICAL

(71, 72) **MOREIRA DE MELLO VINHAL, Zélia** [BR/BR]; Rua Dr. Homem de Melo, 1109, CEP–05007–002 São Paulo, SP (BR).

(81) DE JP US.

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(11) **WO 98/48755** (13) A1

(21) PCT/AU98/00294

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) PO 6391 (32) **24 Apr/avr 1997 (24.04.1997)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61G 11/00**

(54) • INFANT INCUBATOR
• COUVEUSE

(71) **THE UNIVERSITY OF QUEENSLAND** [AU/AU]; St. Lucia, QLD 4067 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILSON, Stephen, James** [AU/AU]; 35 Glanosmond Avenue, Camp Hill, QLD 4052 (AU).

(74) **CULLEN & CO.**; Level 12, 240 Queen Street, Brisbane, QLD 4000 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48756** (13) A1

(21) PCT/SE98/00745

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/845,396 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61G 11/00, A61B 5/055**

(54) • INCUBATOR ARRANGEMENT FOR USE IN MAGNETIC RESONANCE IMAGING
• SYSTEME INCUBATEUR DESTINE A UNE UTILISATION EN IMAGERIE PAR RESONANCE MAGNETIQUE

(71, 72) **NORDELL, Bo** [SE/SE]; Bäckvägen 8, S–183 46 Täby (SE). **SKARE, Stefan** [SE/SE]; Olof Dalins väg 10, S–112 52 Stockholm (SE).

(74) **SUNDSTRÖM Per** et al. / etc.; Stenhagen Patentbyrå AB, P.O. Box 4630, S–116 91 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/853,040 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61G 11/00**

(54) • INFRARED HEATER APPARATUS
• APPAREIL DE CHAUFFAGE A INFRAROUGE

(63) US 08/853,040 (CIP)
30 Apr/avr 1997 (30.04.1997)

(71) **HILL–ROM, INC.** [US/US]; 1069 State Route 46 East, Batesville, IN 47006–9167 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAMPBELL, John, Stephen** [US/US]; Apartment No. 328, 34 Alan Court, Florence, KY 41042 (US). **GOLDBERG, Charles** [US/US]; 9907 Knollwind Drive, Cincinnati, OH 45242 (US).

(74) **NIEDNAGEL, Timothy, E.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) MU 7700977–0 U (32) **25 Apr/avr 1997 (25.04.1997)** (33) BR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61G 15/00**

(54) • DEVICE APPLIED TO A CHAIR FOR MEDICAL WORK
• DISPOSITIF APPLIQUE A UN FAUTEUIL A USAGE MEDICAL

(71, 72) **MOREIRA DE MELLO VINHAL, Zelia** [BR/BR]; Praça Luciano Esteves, 210, sala 35, CEP–13484–260 Limeira, SP (BR).

(74) **TOLEDO CORRÊA MARCAS E PATENTES S/C LTDA.**; Rua Ferreira Penteado, 709 – 3º andar, CEP–13010–041 Centro Campinas, SP (BR).

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

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(11) **WO 98/48759** (13) A1

(21) PCT/US98/08601

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/850,751 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61H 9/00**

(54) • INFLATABLE BOOT AND METHOD FOR ITS MANUFACTURE
• BOTTE GONFLABLE ET PROCEDE DE FABRICATION DE CELLE–CI

(71, 72) **EISCHEN, Clement, G., Sr.** [US/US]; 1232 S.E. 282nd Avenue, Gresham, OR 97080 (US).

(74) **DeVOE, Charles, H.**; Kolisch Hartwell Dickinson McCormack & Heuser, Suite 200, 520 S.W. Yamhill Street, Portland, OR 97204 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48760** (13) A1

(21) PCT/DE98/01076

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) de (26) de

(31) 297 07 596.9 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61H 15/00**

(54) • FURNITURE WITH BUILT–IN MASSAGE UNIT
• MEUBLE POURVU D'UNE UNITE DE MASSAGE INTEGREE

(71) **OKIN GESELLSCHAFT FÜR ANTRIEBSTECHNIK MBH & CO. KG** [DE/DE]; Zur Merhardt 9, D–51645 Gummersbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCH, Dietmar** [DE/DE]; Zur Merhardt 9, D–51645 Gummersbach (DE). **FLAMME, Klaus, Peter** [DE/DE]; Iglinger Strasse 17, D–86916 Kaufering (DE).

(74) **LIPPERT, H., J.** et al. / etc.; Frankenforster Strasse 135–137, D–51427 Bergisch Gladbach (DE).

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

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(11) **WO 98/48761** (13) A1

(21) PCT/DE98/01081

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) de (26) de

(31) 297 07 595.0 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61H 15/00**

(54) • FURNITURE WITH BUILT–IN MASSAGE UNIT
• MEUBLE POURVU D'UNE UNITE DE MASSAGE INTEGREE

(71) **OKIN GESELLSCHAFT FÜR ANTRIEBSTECHNIK MBH & CO. KG** [DE/DE]; Zur Merhardt 9, D–51645 Gummersbach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOCH, Dietmar** [DE/DE]; Zur Merhardt 9, D–51645 Gummersbach (DE). **FLAMME, Klaus, Peter** [DE/DE]; Iglinger Strasse 17, D–86916 Kaufering (DE).

(74) **LIPPERT, H., J.** et al. / etc.; Frankenforster Strasse 135–137, D–51427 Bergisch Gladbach (DE).

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

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(11) **WO 98/48762** (13) A1

(21) PCT/JP98/01960

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/113102 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61H 15/00**

(54) • MASSAGING APPARATUS
• APPAREIL DE MASSAGE

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza–Kadoma, Kadoma–shi, Osaka 571–8686 (JP). **TS TECH CO., LTD.** [JP/JP]; 7–27, Sakae–cho 3–chome, Asaki–shi, Saitama 351–0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAGUCHI, Masamichi** [JP/JP]; 850–5, Nishiima–cho, Hikone–shi, Shiga 522–0054 (JP). **FUKUTANI, Makoto** [JP/JP]; 400–32, Higashi–nonami–cho, Hikone–shi, Shiga 522–0027 (JP). **NISHIO, Fumihiro** [JP/JP]; Straw hut, 1116, Hirata–cho, Hikone–shi, Shiga 522–0041 (JP). **SUGAI, Haruo** [JP/JP]; 1796–7, Matsubara–cho, Hikone–shi, Shiga 522–0002 (JP). **MASUTANI, Eiji** [JP/JP]; 3446–115, Ujiie, Ujiie–cho, Shioya–gun, Tochigi 329–1311 (JP). **SAYAMA, Naoto** [JP/JP]; C–101, Sun Village Takanezawa, 1021–1, Hosyakuji, Takanezawa–cho, Shioya–gun, Tochigi 329–1233 (JP).

(74) **NISHIKAWA, Yoshikiyo**; Umeda–Daiichiseimei Building, 5th floor, 12–17, Umeda 1–chome, Kita–ku, Osaka–shi, Osaka 530–0001 (JP).

(81) CN DE KR US.

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(11) **WO 98/48763** (13) A1

(21) PCT/JP98/01961

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/113087 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61H 15/00**

(54) • MASSAGING APPARATUS
• APPAREIL DE MASSAGE

(71) **MATSUSHITA ELECTRIC WORKS, LTD.** [JP/JP]; 1048, Oaza–Kadoma, Kadoma–shi, Osaka 571–8686 (JP). **TS TECH CO., LTD.** [JP/JP]; 7–27, Sakae–cho 3–chome, Asaka–shi, Saitama 351–0012 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAYAMA, Naoto** [JP/JP]; C–101, Sun Village Takanezawa, 1021–1, Hosyakuji, Takanezawa–cho, Shioya–gun, Tochigi 329–1233 (JP). **FUKUTANI, Makoto** [JP/JP]; 400–32, Higashi–nonami–cho, Hikone–shi, Shiga 522–0027 (JP).

(74) **NISHIKAWA, Yoshikiyo** et al. / etc.; Umeda–Daiichiseimei Building, 5th floor, 12–17, Umeda 1–chome, Kita–ku, Osaka–shi, Osaka 530–0001 (JP).

(81) CN DE KR US.

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(11) **WO 98/48764** (13) A1

(21) PCT/JP98/01820

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) ja (26) ja

(31) 9/110807 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61H 23/02**

(54) • ULTRASONIC COSMETOLOGIC METHOD AND APPARATUS
• APPAREIL ET PROCEDE POUR TRAITEMENT COSMETIQUE PAR ULTRASONS

(71) **EROICA CORPORATION** [JP/JP]; Room 701, 7–10, Kinmitsu–cho, Ashiya–shi, Hyogo 659–0065 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIGIHARA, Takanori** [JP/JP]; Eroica Corporation, Room 701, 7–10, Kinmitsu–cho, Ashiya–shi, Hyogo 659–0065 (JP).

(74) **KUBO, Yukio**; Shin Osaka Chisan Building, 1–26, Nishinakajima 7–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0011 (JP).

(81) AL AU BA BB BG BR CA CN CU CZ DK EE ES FI GE GW HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48765** (13) A1

(21) PCT/EP98/02438

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 765.4 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61J 1/05**

(54) • STERILE CONNECTOR
• CONNECTEUR STERILE

(71) **FRESENIUS AG** [DE/DE]; Gluckensteinweg 5, D–61350 Bad Homburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KNIERBEIN, Bernd** [DE/DE]; Graf–von–Moltke–Weg, D–61267 Neu–Anspach (DE).

(74) **OPPERMANN, Frank** et al. / etc.; Postfach 3929, D–65029 Wiesbaden (DE).

(81) BR CN JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48766** (13) A1

(21) PCT/US98/08465

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/044,995 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 08/960,790 (32) **30 Oct/oct 1997 (30.10.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 6/083, 6/02**

(54) • ANTIMICROBIAL DENTAL MATERIALS CONTAINING 2,4,4'–TRICHLORO–2'–HYDROXYDIPHENYL ETHER
• MATERIAUX DENTAIRES ANTIMICROBIENS RENFERMANT DE L'ETHER DE 2,4,4'–TRICHLORO–2'–HYDROXYDIPHENYLE

(71) **DENTSPLY INTERNATIONAL INC.** [US/US]; 570 West College Avenue, P.O. Box 872, York, PA 17404–0872 (US).

(72) **PFLUG, Kai**; Schneckenburgstrasse 5, D–78467 Konstanz (DE). **NOACK, Michael, J.**; Lucas–Cranach–Strasse 14, D–30999 Koeln (DE).

(74) **HURA, Douglas, J.** et al. / etc.; Dentsply International Inc., 570 West College Avenue, P.O. Box 872, York, PA 17404–0872 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48767** (13) A1

(21) PCT/JP98/01929

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/110586 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/00, 7/48, 7/06, 35/24, 47/46**

(54) • HUMECTANT, AND COSMETIC PREPARATION AND MEDICINE BOTH CONTAINING THE SAME
• HUMECTANT, PREPARATION COSMETIQUE ET PRODUIT MEDICINAL CONTENANT CET HUMECTANT

(71) **TEIKOKU HORMONE MFG. CO., LTD.** [JP/JP]; 5–1, Akasaka 2–chome, Minato–ku, Tokyo 107–8522 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FURUSAWA, Yoshio** [JP/JP]; 7–22–9, Fukuda, Yamato–shi, Kanagawa–ken 242–0024 (JP).

(74) **NAKAMURA, Shizuo**; ST Building , 3rd floor, 24–10, Taito 2–chome, Taito–ku, Tokyo 110–0016 (JP).

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

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(11) **WO 98/48768** (13) A1

(21) PCT/US98/08931

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/846,883 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/00, 7/021, 7/025, 7/06, 7/09, 7/16, 7/32, 7/42, 31/74**

(54) • COMPOSITIONS FOR COSMETIC APPLICATIONS
• COMPOSITIONS UTILISABLES EN COSMETOLOGIE

(63) US 08/846,883 (CON) 1 May/mai 1997 (01.05.1997)

(71) **MEDLOGIC GLOBAL CORPORATION** [US/US]; 4815 List Drive, Colorado Springs, CO 80919 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RON, Eyal, S.** [US/US]; 7 Coach Road, Lexington, MA 02173 (US). **HAND, Barry, J.** [US/US]; 145 Butternut Hollow, Acton, MA 01718 (US). **BROMBERG, Lev, S.** [US/US]; 17 Sherwood Road, Swampscott, MA 01907 (US). **KEARNEY, Marie** [US/US]; 342 Faneuil Street #1, Brighton, MA 02135 (US). **SCHILLER, Matthew, E.** [US/US]; 23C Sagamore Way, Waltham, MA 02154 (US). **AHEARN, Peter, M.** [US/US]; 63 Webster Street, Whitman, MA 02382 (US). **LUCZAK, Scott** [US/US]; 3 Remsen Avenue, Medfield, MA 02052 (US). **MENDUM, Thomas, H., E.** [US/US]; 45 Columbus Avenue #1, Somerville, MA 02143 (US).

(74) **KREBS, Robert, E.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,285 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 09/069,353 (32) **29 Apr/avr 1998 (29.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/043, C09D 101/10, 101/08**

(54) • UV–CURABLE NAIL COATING FORMULATIONS CONTAINING CELLULOSE ESTERS WITH ETHYLENICALLY UNSATURATED PENDANT GROUPS
• FORMULATIONS DE REVETEMENT D'ONGLE DURCISSABLE PAR UV CONTENANT DES ESTERS DE CELLULOSE AVEC DES GROUPES PENDANTS NON SATURES ETHYLENIQUEMENT

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

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

(74) **WOOD, Jonathan, D.**; P.O. Box 511, Kingsport, TN 37662–5075 (US).

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

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(11) **WO 98/48770** (13) A1

(21) PCT/US98/08347

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/843,104 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/939,847 (32) **29 Sep/sep 1997 (29.09.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/06**

(54) • PERSONAL CARE COMPOSITIONS COMPRISING AN ADHESIVE COPOLYMER
• COMPOSITIONS DE SOINS PERSONNELS COMPRENANT UN COPOLYMERE ADHESIF

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

(72) **MIDHA, Sanjeev**; Apartment 2, 9274 Deercross Parkway, Blue Ash, OH 45236 (US). **BOLICH, Raymond, Edward, Jr.**; 7201 Striker Road, Maineville, OH 45241 (US). **JIVIDEN, Kathleen, Bridget**; 2653 Timber Court, Lebanon, OH 45036 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48771** (13) A1

(21) PCT/US98/08349

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/842,938 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/939,362 (32) **29 Sep/sep 1997 (29.09.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/06, C08G 77/44, C09D 183/10, C08L 83/10, C08F 290/06, 290/14**

(54) • HAIR SPRAY COMPOSITIONS
• COMPOSITIONS DE LAQUES CAPILLAIRES

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

(72) **MIDHA, Sanjeev**; Apartment 2, 9274 Deercross Parkway, Blue Ash, OH 45236 (US). **BOLICH, Raymond, Edward, Jr.**; 7201 Striker Road, Maineville, OH 45241 (US). **JIVIDEN, Kathleen, Bridget**; 2653 Timber Court, Lebanon, OH 45036 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48772** (13) A1

(21) PCT/US98/08350

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/842,939 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/939,385 (32) **29 Sep/sep 1997 (29.09.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/06**

(54) • PERSONAL CARE COMPOSITIONS COMPRISING A SILICONE–CONTAINING ADHESIVE COPOLYMER
• COMPOSTIONS DE SOINS PERSONNELS COMPRENANT UN COPOLYMERE ADHESIF CONTENANT DU SILICONE

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

(72) **MIDHA, Sanjeev**; Apartment 2, 9274 Deercross Parkway, Bue Ash, OH 45236 (US). **BOLICH, Raymond, Edward, Jr.**; 7201 Striker Road, Maineville, OH 45241 (US). **JIVIDEN, Kathleen, Bridget**; 2653 Timber Court, Lebanon, OH 45036 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnatti, OH 45217 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48773** (13) A1

(21) PCT/EP98/02331

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 18 187.2 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/13**

(54) • OXIDATION COLORANTS
• COLORANTS D'OXYDATION

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

(72, 75) **HÖFFKES, Horst** [DE/DE]; Carlo–Schmid–Strasse 113, D–40595 Düsseldorf (DE).

(81) AU JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48774** (13) A1

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(31) PI 9701968–2 (32) **30 Apr/avr 1997** (33) BR **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/48**

(54) • SKIN CREAM WITH MOISTURISING AND ABSORBING COMPONENTS
• CREME DERMIQUE CONTENANT DES CONSTITUANTS HYDRATANTS ET ABSORBANTS

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL–3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(72) **VAN BLARCUM DE GRAAF, Selma, Renata**; Indústrias Gessy Lever Ltda, Avenida Maria Coelho Aguiar, 215, Bloco C, 2º andar, CEP–05805 São Paulo, SP (BR). **REAL BISPO MADEIROS, Monica**; Indústrias Gessy Lever Ltda, Avenida Maria Coelho Aguiar, 215, Bloc C, 2º andar, CEP–05805 São Paolo, SP (BR).

(74) **ROTS, Maria, Johanna, Francisca**; Unilever plc, Patent Division, Colworth House, Sharnbrook, Bedford MK44 1LQ (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48775** (13) A1

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(22) **6 Feb/fév 1998 (06.02.1998)**

(25) en (26) en

(31) 60/037,605 (32) **12 Feb/fév 1997 (12.02.1997)** (33) US

(31) Not furnished / non communiqué (32) **29 Jan/jan 1998 (29.01.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/48**

(54) • SERINE PROTEASE AND TOPICAL RETINOID COMPOSITIONS
• SERINE PROTEASE ET COMPOSITIONS RETINOIDES TOPIQUES

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

(72) **SEIBERG, Miri**; 168 Herrontown Road, Princeton, NJ 08540 (US). **WISNIEWSKI, Stephen, J.**; 6280 Pt. Pleasant Pike, Doylestown, PA 18901 (US). **CAUWENBERG, Gerard, F.**; 10 Beechtree Lane, Plainsboro, NJ 08536 (US). **SHAPIRO, Stanley, S.**; 10 Plymouth Drive, Livingston, NJ 07039 (US).

(74) **CIAMPORCERO, Audley, A.** et al. / etc.; Johnson & Johnson, One Johnson & Johnson Plaza, New Brunswick, NJ 08933–7003 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW.

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(11) **WO 98/48776** (13) A1

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(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,058 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/48, 7/06**

(54) • PERSONAL CARE COMPOSITIONS CONTAINING LINEAR TOUGHENED SILICONE GRAFTED POLYMERS
• COMPOSITIONS DE SOINS PERSONNELS CONTENANT DES POLYMERES GREFFES AU SILICONE RENFORCES LINEAIREMENT

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

(72) **MIDHA, Sanjeev**; Apartment 2D, 9274 Deercross Parkway, Cincinnati, OH 45236 (US). **MCDONOUGH, Sean, Patrick**; Apartment 8, 1056 Delta Avenue, Cincinnati, OH 45208 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708820.7 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/48**

(54) • BRINE TREATMENT
• TRAITEMENT DE LA SAUMURE

(71, 72) **SHARP, Frederick, Robert** [GB/GB]; Swifts Station Road, Milveron, Somerset TA4 1LD (GB). **VON KROSIGK, James, Richard** [US/US]; 7734 Creek Trail, San Antonio, TX 78250 (US).

(74) **HOLMAN, John, Clarke** et al. / etc.; Jacobson, Price, Holman & Stern PLLC, 400 Seventh Street, N.W., Washington, DC 20004 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48778** (13) A1

(21) PCT/EP98/02241

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) de (26) de

(31) 197 17 925.8 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 7/50**

(54) • AQUEOUS CATIONIC TENSIDE PREPARATIONS, METHOD FOR THE PRODUCTION AND USE THEREOF
• PREPARATIONS TENSIOACTIVES CATIONIQUES AQUEUSES, PROCEDE PERMETTANT DE LES PREPARER ET LEUR UTILISATION

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

(72, 75) **HÖSSEL, Peter** [DE/DE]; Birkenweg 10, D–67105 Schifferstadt (DE). **ZIRNSTEIN, Michael** [DE/DE]; Ruhweg 13, D–69198 Schriesheim (DE). **SCHUNTER, Walter** [DE/DE]; Fontanestrasse 2, D–67251 Freinsheim (DE). **WIRSING, Friedrich** [DE/DE]; Ruhhecke 25a, D–67346 Speyer (DE). **KASEL, Wolfgang** [DE/DE]; Albert–Schweitzer–Ring 39, D–69226 Nußloch (DE). **OPPENLÄNDER, Knut** [DE/DE]; Otto–Dill–Strasse 23, D–67061 Ludwigshafen (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

(81) CA CN JP MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48779** (13) A1

(21) PCT/CA98/00408

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 314702 (32) **29 Apr/avr 1997 (29.04.1997)** (33) NZ

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 9/107, 38/13**

(54) • EMULSION PRECONCENTRATE COMPRISING A CYCLOSPORIN AND ACETYLATED MONOGLYCERIDE
• PRECONCENTRE POUR EMULSION CONTENANT UNE CYCLOSPORINE ET UN MONOGLYCERIDE ACETYLE

(71, 72) **SHERMAN, Bernard, Charles** [CA/CA]; 50 Old Colony Road, Willowdale, Ontario M2L 2K1 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48780** (13) A1

(21) PCT/US98/08799

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,122 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 9/127**

(54) • VESICULAR COMPLEXES AND METHODS OF MAKING AND USING THE SAME
• COMPLEXES VESICULAIRES ET PROCEDES DE PREPARATION ET D'UTILISATION DESDITS COMPLEXES

(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CICCARELLI, Richard, B.** [US/US]; 13 Alyssa Lane, Pottstown, PA 19465 (US). **SATISHCHANDRAN, C.** [US/US]; 605 Shepard Drive, Lansdale, PA 19446–5678 (US). **PACHUK, Catherine, J.** [US/US]; 606 Barrington Place, North Wales, PA 19446 (US).

(74) **KITA, Stanley, B.**; Howson & Howson, Spring House Corporate Center, 321 Norristown Road, Box 457, Spring House, PA 19477 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48781** (13) A1

(21) PCT/US98/08630

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,250 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 9/22**

(54) • CONTROLLED RELEASE OF DRUGS DELIVERED BY SUBLINGUAL OR BUCCAL ADMINISTRATION
• MEDICAMENTS A LIBERATION CONTROLEE ADMINISTRES PAR VOIE SUBLINGUALE OU BUCCALE

(71) **PENTECH PHARMACEUTICALS, INC.** [US/US]; Suite 257, 1110 Lake Cook Road, Buffalo Grove, IL 60089 (US).

(72) **EL–RASHIDY, Ragab**; 130 Exmoor Court, Deerfield, IL 60015 (US). **RONSEN, Bruce**; 1414 Keystone Avenue, River Forest, IL 60305 (US). **HASSAN, Emad, Eldin**; Apartment 31, 80 Aziz Fahmy Street, Sidi Gaber, Alexandria (EG).

(74) **CEPURITIS, Talivaldis** et al. / etc.; Olson & Hierl, Ltd., 36th floor, 20 North Wacker Drive, Chicago, IL 60606 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 197 18 012.4 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 9/48**

(54) • METHOD FOR PRODUCING ORALLY ADMINISTERED, SOLID PHARMACEUTICAL PRODUCTS WITH CONTROLLED RELEASE OF THE ACTIVE SUBSTANCE
• PROCEDE POUR PRODUIRE DES FORMES GALENIQUES SOLIDES POUVANT ETRE ADMINISTREES PAR VOIE ORALE, A LIBERATION DE PRINCIPE ACTIF CONTROLEE

(71) **JENAPHARM GMBH & CO. KG** [DE/DE]; Otto–Schott–Strasse 15, D–07745 Jena (DE).

(72) **DITTGEN, Michael**; Heidenberg 35/37, D–99510 Apolda (DE). **FRICKE, Sabine**; An der Riese 1b, D–07749 Jena (DE). **TIMPE, Carsten**; Auf dem Pritzel 18, D–37299 Weißenborn (DE). **GERECKE, Hagen**; Nollendorfer Strasse 18, D–07743 Jena (DE). **EICHARDT, Annette**; Johann–Friedrich–Strasse 38, D–07745 Jena (DE).

(74) **CRAMER, Eva–Maria**; Jenapharm GmbH & Co. KG, Patentabteilung, Otto–Schott–Strasse 15, D–07745 Jena (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48783** (13) A1

(21) PCT/US98/08827

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,153 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 9/50**

(54) • MICROPARTICLES USEFUL AS ULTRASONIC CONTRAST AGENTS AND FOR DELIVERY OF DRUGS INTO THE BLOODSTREAM
• MICROPARTICULES UTILISABLES COMME AGENTS DE CONTRASTE OU POUR LA LIBERATION DE MEDICAMENTS DANS LE FLUX SANGUIN

(71) **POINT BIOMEDICAL CORPORATION** [US/US]; 887A Industrial Road, San Carlos, CA 94070 (US).

(72) **OTTOBONI, Thomas, B.**; 1211 North Road, Belmont, CA 94002 (US). **SHORT, Robert, E.**; 240 Almendra Avenue, Los Gatos, CA 95030 (US). **YAMAMOTO, Ronald, K.**; 1321 Waller Street, San Francisco, CA 94117 (US).

(74) **SUYAT, Reginald, J.**; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48784** (13) A2

(21) PCT/US98/08463

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/847,616 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/00**

(54) • METHOD AND COMPOSITION FOR MODULATING AMYLOIDOSIS
• METHODES ET COMPOSITION DE MODULATION DE L'AMYLOIDOSE

(63) US 08/847,616 (CIP)
28 Apr/avr 1997 (28.04.1997)

(71) **THE UNIVERSITY OF BRITISH COLUMBIA** [CA/CA]; 2255 Westbrook Mall, Vancouver, British Columbia V6T 1Z3 (CA).
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(72, 75) **REINER, Peter, B.** [US/CA]; 4584 W. 1st Avenue, Vancouver, British Columbia V6R 1H8 (CA). **LAM, Fred, Chiu–lai** [CA/CA]; 8215 Laurel Street, Vancouver, Bristish Columbia V6P 3V2 (CA).

(74) **HANLEY, Elizabeth, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48785** (13) A2

(21) PCT/US98/08684

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/044,394 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/00**

(54) • ALLELIC POLYGENE DIAGNOSIS OF REWARD DEFICIENCY SYNDROME AND TREATMENT
• DIAGNOSTIC D'UN SYNDROME D'INSATISFACTION A L'AIDE DE POLYGENE ALLELIQUE ET TRAITEMENT ASSOCIE

(63) US 60/044,394 (CIP)
29 Apr/avr 1997 (29.04.1997)

(71) **KENNETH BLUM, INC.** [US/US]; 1211 Lost Stone, San Antonio, TX 78758 (US). **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 221 West 7th Street, Austin, TX 78701 (US). **CITY OF HOPE NATIONAL MEDICAL CENTER** [US/US]; 1500 East Duarte Road, Duarte, CA 91010–0269 (US).
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(72, 75) **BLUM, Kenneth** [US/US]; 1211 Lost Stone, San Antonio, TX 78258 (US). **COMINGS, David, E.** [US/US]; 59 Crestview Court, Duarte, CA 91010 (US). **IVY, John, L.** [US/US]; 10405 Skyflower Drive, Austin, TX 78759 (US).

(74) **HODGINS, Daniel, S.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48786** (13) A1

(21) PCT/US98/08436

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/846,399 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/135, 31/335, 31/34, 31/35, C07C 211/42, C07D 305/08, 305/10, 307/22, 307/30, 309/14, 309/28, 313/04, 313/18**

(54) • AMINOTETRALINS AS 5–$HT_{1D\alpha}$ AGONISTS
• AMINOTETRALINES SERVANT D'AGONISTES DE 5–$HT_{1D\alpha}$

(63) US 08/846,399 (CON) 30 Apr/avr 1997 (30.04.1997)

(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) **SCHAUS, John, Mehnert** [US/US]; 135 Raintree Drive, Zionsville, IN 46077 (US). **WALKER, Clint, Duane** [US/US]; P.O. Box 441114, Indianapolis, IN 46244–1114 (US). **XU, Yao–Chang** [CA/US]; 10815 Timber Springs Drive East, Fishers, IN 46038 (US).

(74) **LENTZ, Nelsen, L.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48787** (13) A1

(21) PCT/US98/08514

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,171 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/18, 31/40, 31/445, 31/535, 31/55, C07D 333/58, 409/10, 409/12, 413/10, 413/12, C07C 325/02, 327/38**

(54) • INTERMEDIATES AND A PROCESS FOR PREPARING BENZO[b]THIOPHENES
• INTERMEDIAIRES ET PROCEDE DE PREPARATION DE BENZO[b]THIOPHENES

(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) **GARDNER, John, Paul** [US/US]; 9063 Sargent Creek Drive, Indianapolis, IN 46256 (US). **ZHANG, Tony, Yantao** [US/US]; 12345 Moon River Court, Indianapolis, IN 46236 (US).

(74) **STRODE, Janelle, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **23 Apr/avr 1998 (23.04.1998)**

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(31) 9708700.1 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(31) 9708703.5 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/20, 31/07, 31/355, 31/44, 31/455, 33/04, 33/30 // (A61K 33/30, 31:07, 31:355, 31:44, 31:455, 33:04)**

(54) • TREATMENT OF DEPRESSION AND ANXIETY USING DOCOSAHEXAENOIC ACID OR NATURAL ANTIOXIDANTS
• TRAITEMENT DE LA DEPRESSION ET DE L'ANXIETE AU MOYEN D'ACIDE DOCOSAHEXAENOIQUE OU D'ANTIOXYDANTS NATURELS

(71) **SCOTIA HOLDINGS PLC** [GB/GB]; Weyvern House, Weyvern Park, Portsmouth Road, Peasmarsh, Guildford, Surrey GU3 1NA (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HORROBIN, David, Frederick** [GB/GB]; Kings Park House, Laurelhill Business Park, Stirling FK7 9JQ (GB).

(74) **FARWELL, William, Robert**; Phillips & Leigh, 7 Staple Inn, Holborn, London WC1V 7QF (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48789** (13) A1

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(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 9703971 (32) **26 Apr/avr 1997 (26.04.1997)** (33) KZ

(31) 60/051,681 (32) **3 Jul/juil 1997 (03.07.1997)** (33) US

(31) 08/934,228 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(31) 08/934,229 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(31) 08/934,471 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/34, 31/70, 31/56, 31/505, 31/35, 31/28**

(54) • PHARMACEUTICAL COMPOSITIONS OF ARGLABIN AND ARGLABIN DERIVATIVES
• COMPOSITIONS PHARMACEUTIQUES CONSTITUEES D'ARGLABINE ET DE DERIVES D'ARGLABINE

(71) **PARACURE, INC. doing business as KAZAK–PARACURE** [US/US]; Suite 403, 4665 Haygood Road, Virginia Beach, VA 23455 (US).

(72) **ADEKENOV, Sergazy M.**; Karaganda (KZ).

(74) **MATNEY, W., Jackson, Jr.**; Milbank, Tweed, Hadley & McCloy, Suite 1100, 1825 Eye Street, N.W., Washington, D.C. 20006 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48790** (13) A1

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(25) en (26) en

(31) 08/848,540 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/35**

(54) • USE OF GENISTEIN AND RELATED COMPOUNDS TO TREAT CERTAIN SEX HORMONE RELATED CONDITIONS
• UTILISATION DE LA GENISTEINE ET DE COMPOSES ASSOCIES POUR TRAITER CERTAINS ETATS LIES AUX HORMONES SEXUELLES

(71) **ANTICANCER, INC.** [US/US]; 7917 Ostrow Street, San Diego, CA 92111 (US).

(72) **MILJKOVIC, Dusan**; 4351 Novel Drive #62, San Diego, CA 92122 (US). **GELLER, Jack**; 2488 Hidden Valley Road, LaJolla, CA 92037 (US). **OLBINA, Gordana**; 7275 Sharmant Drive #323, San Diego, CA 92122 (US).

(74) **MORRISON & FOERSTER LLP** et al. / etc.; 2000 Pennsylvania Avenue, N.W., Washington, DC 20006–1888 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 60/045,215 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/35, C07D 309/30**

(54) • SYNTHESIS OF DISCODERMOLIDE AND ANALOGS
• SYNTHESE DE DISCODERMOLIDE ET ANALOGUES

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612–3550 (US).
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(72, 75) **MYLES, David, C.** [US/US]; 11756 Kiowa Avenue, Los Angeles, CA 90049 (US). **HARRIED, Scott, S.** [US/US]; 445 Kelton Avenue, Los Angeles, CA 90025 (US). **YANG, Ge** [CN/CN]; 425 Delaware Drive, Fort Washington, PA 19034 (US).

(74) **OLDENKAMP, David, J.** et al. / etc.; Oppenheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48792** (13) A1

(21) PCT/US98/08477

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,132 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/38, 31/40, 31/445, 31/535, 31/55, C07D 333/58, 409/10, 409/12, 413/10, 413/12**

(54) • A REGIOSELECTIVE ALKYLATION PROCESS FOR PREPARING SUBSTITUTED BENZO[b]THIOPHENES
• PROCEDE D'ALKYLATION REGIOSELECTIVE POUR LA PREPARATION DE BENZO[b]THIOPHENES SUBSTITUES

(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) **MCGILL, John, McNeil, III** [US/US]; 1120 Hasp Way, Lafayette, IN 47905 (US). **MILLER, Randal, Scot** [US/US]; 3814 Constitution Drive, Carmel, IN 46032 (US).

(74) **STRODE, Janelle, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,131 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/38, 31/40, 31/445, 31/55, 31/535, C07D 333/58, 409/10, 409/12, 413/10, 413/12**

(54) • INTERMEDIATES AND PROCESSES FOR PREPARING BENZO[b]THIOPHENES
• INTERMEDIAIRES ET PROCEDES DE PREPARATION DE BENZO[b]THIOPHENES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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(72, 75) **MISNER, Jerry, Wayne** [US/US]; 4410 Clovelly Court, Indianapolis, IN 46254 (US). **SCHMID, Christopher, Randall** [US/US]; 6235 Central Avenue, Indianapolis, IN 46220 (US).

(74) **STRODE, Janelle, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 60/045,163 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/38, 31/40, 31/41, 31/44, 31/445, 31/535, C07D 333/52, 333/54, 401/10, 409/10, 413/10**

(54) • ANTITHROMBOTIC AGENTS
• AGENTS ANTITHROMBOTIQUES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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(72, 75) **CHIRGADZE, Nickolay Yuri** [RU/US]; 14960 Beacon Boulevard, Carmel, IN 46032 (US). **FISCHER, Matthew, Joseph** [US/US]; 4106 Armon Court, Carmel, IN 46033 (US). **HARPER, Richard, Waltz** [US/US]; Apartment 806, 3025 North Meridian Street, Carmel, IN 46033 (US). **LIN, Ho–Shen** [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). **MCCOWAN, Jefferson, Ray** [US/US]; 2653 Crescent Hill Lane, Indianapolis, IN 46208 (US). **PALKOWITZ, Alan, David** [US/US]; 10737 Kingsmill Drive, Carmel, IN 46032 (US). **SALL, Daniel, Jon** [US/US]; 376 Leisure Lane, Greenwood, IN 46142 (US). **SMITH, Gerald, Floyd** [US/US]; 825 Queenswood Court, Indianapolis, IN 46217 (US). **TAKEUCHI, Kumiko** [US/US]; 6342 Robinsrock Drive, Indianapolis, IN 46268 (US). **ZHANG, Minsheng** [CN/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US).

(74) **JACKSON, Thomas, E.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 60/044,431 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/40**

(54) • THERAPEUTIC TREATMENT FOR SKIN DISORDERS
• TRAITEMENT THERAPEUTIQUE DES AFFECTIONS CUTANEES

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).

(72) **JIROUSEK, Michael, R.**; 10342 Fawn Ridge Lane, Indianapolis, IN 46236 (US). **STRAMM, Lawrence, E.**; 9143 Hadway Drive, Indianapolis, IN 46256 (US). **VIGNATI, Louis**; 5617 North Meridian, Indianapolis, IN 46208 (US). **WAYS, Douglas, K.**; 4565 North Park Avenue, Indianapolis, IN 46205 (US).

(74) **SKERPON, Joseph, M.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001–4597 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/840,382 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/40**

(54) • USE OF MELATONIN FOR PREPARING MEDICAMENTS FOR TREATING CIRCADIAN RHYTHM PHASE DISORDERS
• UTILISATION DE LA MELATONINE DANS LA PREPARATION DE MEDICAMENTS DESTINES AU TRAITEMENT DES PERTURBATIONS DES PHASES DU RYTHME CIRCADIEN

(71) **OREGON HEALTH SCIENCES UNIVERSITY** [US/US]; 3181 S.W. Sam Jackson Park Road, Portland, OR 97201 (US).

(72) **LEWY, Alfred, J.**; 14047 S.E. Fairoaks Drive, Portland, OR 97267 (US). **SACK, Robert, L.**; 1825 S.W. Elizabeth Street, Portland, OR 97201 (US).

(74) **NOONAN, Kevin, E.**; McDonnell Boehnen Hulbert & Berghoff, 32nd floor, 300 South Wacker Drive, Chicago, IL 60606 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 60/045,136 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/40, 31/445, 31/535, C07D 209/12, 209/14, 401/10, 401/14, 413/10, 413/14**

(54) • ANTITHROMBOTIC AGENTS
• AGENTS ANTITHROMBOTIQUES

(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) **CHIRGADZE, Nickolay Yuri** [RU/US]; 14960 Beacon Boulevard, Carmel, IN 46032 (US). **FISCHER, Matthew, Joseph** [US/US]; 4106 Armon Court, Carmel, IN 46033 (US). **HARPER, Richard, Waltz** [US/US]; Apartment 806, 3025 North Meridian Street, Carmel, IN 46033 (US). **LIN, Ho–Shen** [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). **MCCOWAN, Jefferson, Ray** [US/US]; 2653 Crescent Hill Lane, Indianapolis, IN 46208 (US). **SALL, Daniel, Jon** [US/US]; 376 Leisure Lane, Greenwood, IN 46142 (US). **SMITH, Gerald, Floyd** [US/US]; 825 Queenswood Court, Indianapolis, IN 46217 (US). **TAKEUCHI, Kumiko** [US/US]; 6342 Robinsrock Drive, Indianapolis, IN 46268 (US). **WILEY, Michael, Robert** [US/US]; 7725 Langwood Drive, Indianapolis, IN 46268 (US). **ZHANG, Minsheng** [CN/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US).

(74) **JACKSON, Thomas, E.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(21) PCT/US98/08700

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,173 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/40, 31/41, 31/44, 31/445, 31/535, C07D 401/10, 409/10, 409/12, 413/10**

(54) • ANTITHROMBOTIC AGENTS
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(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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(72, 75) **CHIRGADZE, Nickolay Yuri** [RU/US]; 14960 Beacon Boulevard, Carmel, IN 46032 (US). **HARPER, Richard, Waltz** [US/US]; Apartment 806, 3025 North Meridian Street, Indianapolis, IN 46208 (US). **KOHN, Todd, Jonathan** [US/US]; 11203 Boston Way, Fishers, IN 46038 (US). **LIN, Ho–Shen** [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). **MCCOWAN, Jefferson, R.** [US/US]; 2653 Crescent Hill Lane, Indianapolis, IN 46208 (US). **PALKOWITZ, Alan, David** [US/US]; 10737 Kingsmill Drive, Carmel, IN 46032 (US). **SALL, Daniel, Jon** [US/US]; 376 Leisure Lane, Greenwood, IN 46142 (US). **SMITH, Gerald, Floyd** [US/US]; 825 Queenswood Court, Indianapolis, IN 46217 (US). **TAKEUCHI, Kumiko** [US/US]; 6342 Robinsrock Drive, Indianapolis, IN 46268 (US). **WILEY, Michael, Robert** [US/US]; 7725 Langwood Drive, Indianapolis, IN 46268 (US). **ZHANG, Minsheng** [CN/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US).

(74) **JACKSON, Thomas, E.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(21) PCT/US98/08740

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,067 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/41, 31/415, 31/42, 31/425, 31/495, 31/50, 31/505, 31/53, 31/555, C07D 231/04, 231/06, 231/10, 233/02, 233/04, 233/54, 233/96, 237/00, 237/02, 239/02, 241/02, 249/08, 251/00, 253/00, 257/08, 257/12, 261/04, 261/08, 263/04, 263/08, 263/30, 271/06, 271/10, 273/01, 275/02, 277/04, 277/08, 277/20, 285/00, 285/08, 285/12, 291/04, 403/02, 403/04, 403/14, 405/02, 405/14, 407/02, 407/14, 409/02, 409/14, 411/02, 411/14, 413/02, 413/14, 417/02, 417/14, 419/02, 419/14**

(54) • PROTEASE INHIBITORS
• INHIBITEURS DE PROTEASES

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
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(72, 75) **HALBERT, Stacie, Marie** [US/US]; 149 Montgomery Drive, Harleysville, PA 19438 (US). **MICHAUD, Evelyne** [FR/US]; 2920 Hannah Avenue, Norristown, PA 19401 (US). **THOMPSON, Scott, Kevin** [US/US]; 75 Guilford Circle, Phoenixville, PA 19460 (US). **VEBER, Daniel, Frank** [US/US]; 290 Batleson Road, Ambler, PA 19002 (US).

(74) **STERCHO, Yuriy, P.** 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) AL AU BA BB BG BR CA CN CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 60/045,335 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/415, 31/41**

(54) • ANTITHROMBOTIC AGENTS
• AGENTS ANTITHROMBOTIQUES

(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) **BASTIAN, Jolie, A.** [US/US]; 1028 Morning Sun Lane, Beech Grove, IN 46107 (US). **CHIRGADZE, Nickolay Y.** [RU/US]; 14960 Beacon Boulevard, Carmel, IN 46032 (US). **DENNEY, Michael, L.** [US/US]; 6867 East Urmeyville Road, Franklin, IN 46131 (US). **FISHER, Matthew, J.** [US/US]; 4106 Armon Court, Carmel, IN 46033 (US). **FOGLESONG, Robert, J.** [US/US]; 6 Hazen Court, Durham, NC 27712 (US). **HARPER, Richard, W.** [US/US]; Apartment 806, 3025 North Meridian Street, Indianapolis, IN 46208 (US). **JOHNSON, Mary, G.** [US/US]; 3 Hazen Court, Durham, NC 27712 (US). **KLIMKOWSKI, Valentine, J.** [US/US]; 4504 Camelot Lane, Carmel, IN 46033 (US). **LIN, Ho–Shen** [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). **LYNCH, Michael, P.** [US/US]; 201 Fulham Place, Raleigh, NC 27615 (US). **MCCOWAN, Jefferson, R.** [US/US]; 2653 Crescent Hill Lane, Indianapolis, IN 46208 (US). **MILLER, Shawn, C.** [US/US]; 7359 Hardin Oak Drive, Noblesville, IN 46060 (US). **MULLANEY, Jeffrey, T.** [US/US]; 6153 Welker Drive, Indianapolis, IN 46236 (US). **RICHETT, Michael, E.** [US/US]; 5832 Baron Court, Indianapolis, IN 46250 (US). **SALL, Daniel, J.** [US/US]; 376 Leisure Lane, Greenwood, IN 46142 (US). **SMITH, Gerald, F.** [US/US]; 825 Queenswood Court, Indianapolis, IN 46217 (US). **TAKEUCHI, Kumiko** [US/US]; 6342 Robinsrock Drive, Indianapolis, IN 46268 (US). **TINSLEY, Jennifer, M.** [US/US]; 4542 State Road 39 North, Martinsville, IN 46151 (US). **WILEY, Michael, R.** [US/US]; 7725 Langwood Drive, Indianapolis, IN 46268 (US). **ZHANG, Minsheng** [CN/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US).

(74) **JACKSON, Thomas, E.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48801** (13) A1

(21) PCT/JP98/01817

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) ja (26) ja

(31) 9/123280 (32) **26 Apr/avr 1997 (26.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/435, 31/44, 31/495, 31/505, C07D 453/06, 471/08, 401/04**

(54) • 2–AZABICYCLO COMPOUNDS
• COMPOSES 2–AZABICYCLO

(71) **SUMITOMO PHARMACEUTICALS CO., LTD.** [JP/JP]; 2–8, Doshomachi 2–chome, Chuo–ku, Osaka–shi, Osaka 541–8510 (JP).
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(72, 75) **NISHIHARA, Toshio** [JP/JP]; Room 612, Sumitomo Pharmaceuticals Nishinomiya Dormitory, 4–15, Maruhashi–cho, Nishinomiya–shi, Hyogo 662–0831 (JP). **TOYODA, Tomohiro** [JP/JP]; Room 205, Sumitomo Pharmaceuticals Nishinomiya Dormitory, 4–15, Maruhashi–cho, Nishinomiya–shi, Hyogo 662–0831 (JP).

(74) **NAKAMURA, Toshio**; Legal & Patent Dept., Sumitomo Pharmaceuticals Co., Ltd., 1–98, Kasugadenaka 3–chome, Konohana–ku, Osaka–shi, Osaka 554–0022 (JP).

(81) CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48802** (13) A1

(21) PCT/FR98/00774

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) fr (26) fr

(31) 97/05275 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/44**

(54) • USE OF TETRAHYDROPYRIDINE DERIVATIVES TO PREPARE MEDICINES FOR TREATING DISEASES CAUSING DEMYELINATION
• UTILISATION DE DERIVES DE LA TETRAHYDROPYRIDINE POUR LA PREPARATION DE MEDICAMENTS POUR LE TRAITEMENT DES MALADIES ENTRAINANT UNE DEMYELINISATION

(71) **SANOFI** [FR/FR]; 32–34, rue Marbeuf, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOURRIE, Bernard** [FR/FR]; 138, rue des Kermes, F–34980 Saint Gély du Fesc (FR). **CASELLAS, Pierre** [FR/FR]; 10, rue Carl von Linne, F–34000 Montpellier (FR). **MAFFRAND, Jean–Pierre** [FR/FR]; 5, rue du Corps Franc Pomiès, F–31120 Portet (FR).

(74) **SANOFI**; 32–34, rue Marbeuf, F–75008 Paris (FR).

(81) AU BR BY CA CN CZ EE HU ID IL IS JP KR LK LT LV MX NO NZ PL RU SG SI SK TR UA US VN YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48803** (13) A1

(21) PCT/JP97/01450

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) ja (26) ja

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/445, 9/08 // C07D 401/04**

(54) • EYEDROPS
• COLLYRES

(71) **SCHERING–PLOUGH KABUSHIKI KAISHA** [JP/JP]; 3–7, Hirano–cho 2–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).
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(72, 75) **FUJIMOTO, Takashi** [JP/JP]; 180–14, Nakazawa, Ritto–cho, Kurita–gun, Shiga 520–30 (JP). **OKAZAKI, Kimiya** [JP/JP]; 2–18–8, Ukihashi, Yokkaichi–shi, Mie 510 (JP). **KAMI, Hiroshi** [JP/JP]; 621–22, Oishihigashi–machi, Otsu–shi, Shiga 520–22 (JP). **KASE, Koichiro** [JP/JP]; 1–7–15, Osaka, Otsu–shi, Shiga 520 (JP). **YOSHIZAWA, Eiko** [JP/JP]; 1311–5, Terasho, Konan–cho, Koga–gun, Shiga 520–33 (JP). **SHIBAHARA, Takeshi** [JP/JP]; 5–5–37–B104, Kamigasa, Kusatsu–shi, Shiga 525 (JP).

(74) **YUASA, Kyozo** et al. / etc.; Yuasa and Hara, Section 206, New Ohtemachi Building, 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH HU IL IS JP KE KG KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48804** (13) A1

(21) PCT/US98/08717

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,188 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/445, 31/38**

(54) • ANTITHROMBOTIC AGENTS
• AGENTS ANTITHROMBOTIQUES

(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) **CHIRGADZE, Nickolay Y.** [RU/US]; 14960 Beacon Boulevard, Carmel, IN 46032 (US). **DENNEY, Michael, L.** [US/US]; 6867 East Urmeyville Road, Franklin, IN 46131 (US). **FISHER, Matthew, J.** [US/US]; 4106 Armon Court, Carmel, IN 46033 (US). **FOGLESONG, Robert, J.** [US/US]; 6 Hazen Court, Durham, NC 27712 (US). **HARPER, Richard, W.** [US/US]; Apartment 806, 3025 North Meridian Street, Indianapolis, IN 46208 (US). **JOHNSON, Mary, G.** [US/US]; 3 Hazen Court, Durham, NC 27712 (US). **LIN, Ho–Shen** [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). **LYNCH, Michael, P.** [US/US]; 201 Fulham Place, Raleigh, NC 27615 (US). **MCCOWAN, Jefferson, R.** [US/US]; 2653 Crescent Hill Lane, Indianapolis, IN 46208 (US). **MILLER, Shawn, C.** [US/US]; 7359 Hardin Oak Drive, Noblesville, IN 46060 (US). **PALKOWITZ, Alan, D.** [US/US]; 10737 Kingsmill Drive, Carmel, IN 46032 (US). **RICHETT, Michael, E.** [US/US]; 5832 Baron Court, Indianapolis, IN 4250 (US). **SALL, Daniel, Jon** [US/US]; 376 Leisure Lane, Greenwood, IN 46142 (US). **SMITH, Gerald, Floyd** [US/US]; 825 Queenswood Court, Indianapolis, IN 46217 (US). **TAKEUCHI, Kumiko** [US/US]; 6342 Robinsrock Drive, Indianapolis, IN 46268 (US). **ZHANG, Minsheng** [CN/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US).

(74) **JACKSON, Thomas, E.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 9/123146 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/47**

(54) • PHARMACEUTICAL COMPOSITION FOR SUPRESSING TYPE 2 HELPER T CELL IMMUNE RESPONSE
• COMPOSITION PHARMACEUTIQUE PERMETTANT DE SUPPRIMER LA REACTION IMMUNITAIRE DES LYMPHOCYTES T AUXILIAIRES DE TYPE 2

(71) **SUMITOMO PHARMACEUTICALS COMPANY, LIMITED** [JP/JP]; 2–8, Dosho–machi 2–chome, Chuo–ku, Oska–shi, Osaka 541–0045 (JP). **JAPAN ENERGY CORPORATION** [JP/JP]; 10–1, Toranomon 2–chome, Minato–ku, Tokyo 105–0001 (JP).
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(72, 75) **OCHI, Hiroshi** [JP/JP]; 9–12–105, Miyano–cho, Takasuki–shi, Osaka 569–0081 (JP). **WATANABE, Takamasa** [JP/JP]; 4–15–506, Maruhashi–cho, Nishinomiya–shi, Hyogo 662–0831 (JP). **TOMIZAWA, Hideyuki** [JP/JP]; 6–12–1–2–306, Shikatebukuro, Urawa–shi, Saitama 336–0031 (JP). **GOTO, Yuso** [JP/JP]; 4–16–302, Hikawa–cho 1–chome, Toda–shi, Saitama 335–0027 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 60/044,923 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/47, C07D 211/08, 207/06, 265/30**

(54) • INDENE COMPOUNDS HAVING ACTIVITY AS SERMS
• COMPOSES D'INDENE SERVANT DE MODULATEURS SERM

(71) **ELI LILLY AND COMPANY** [US/US]; Lilly Corporate Center, Indianapolis, IN 46285 (US).
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(72, 75) **BRYANT, Henry, Uhlman** [US/US]; 7840 Camelback Drive, Indianapolis, IN 46250 (US). **JONES, Charles, David** [US/US]; 223 East Brunswick Avenue, Indianapolis, IN 46227 (US). **PENNINGTON, Pamela, Ann** [US/US]; 7630 Miracle Road, Indianapolis, IN 46237 (US).

(74) **STRODE, Janelle, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(25) ja (26) ja

(31) 9/123132 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/495 // C07D 215/38**

(54) • HYALURONATE SYNTHESIS INHIBITORS
• INHIBITEURS DE LA SYNTHESE DE L'HYALURONATE

(71) **OTSUKA PHARMACEUTICAL CO., LTD.** [JP/JP]; 9, Kandatsukasacho 2–chome, Chiyoda–ku, Tokyo 101–0048 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UEKI, Noboru** [JP/JP]; 6–70, Honjo–cho, Koyoen, Nishinomiya–shi, Hyogo 662–0015 (JP). **HIGASHINO, Kazuya** [JP/JP]; 3–1–3, Inaba, Higashi, Osaka–shi, Osaka 578–0925 (JP). **TAGUCHI, Tomohiro** [JP/JP]; 203, Memowaru Kofune, 3–105, Honmio–cho, Ako–shi, Hyogo 678–0217 (JP). **TAKAHASHI, Masayuki** [JP/JP]; 79–7, Aza Nakanokoshi, Kizuno, Otsu–cho, Naruto–shi, Tokushima 772–0031 (JP). **ADACHI, Masakazu** [JP/JP]; 3493–9, Ishihara–machi, Takasaki–shi, Gunma 370–0864 (JP).

(74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1–7–1, Dosho–machi, Chuo–ku, Osaka–shi, Osaka 541–0045 (JP).

(81) AU BR CA CN ID JP KR MX SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48808** (13) A1

(21) PCT/US98/07947

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/847,932 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/495, 31/50, 31/445, 31/19**

(54) • HERBICIDE ANTI–APICOMPLEXA PROTOZOAN PARASITE AGENTS
• HERBICIDE ANTI–AGENTS PARASITES PROTOZOAIRES APICOMPLEXA

(71) **PARAPRO LLC, LIMITED LIABILITY COMPANY OF INDIANA** [US/US]; 11550 North Meridian Street, Carmel, IN 46032 (US).

(72) **LEEF, James, L.**; 13421 Lewisdale Road, Clarksburg, MD 20871 (US). **CARLSON, Peter, S.**; 900 Clifton Drive, Alexandria, VA 22308 (US).

(74) **RAMSEY, William, S.**; Ramsey, Cook, Looper & Kurlander, LLC, Suite 250, 10420 Little Patuxent Parkway, Columbia, MD 21044 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48809** (13) A1

(21) PCT/NO98/00134

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 971997 (32) **29 Apr/avr 1997** (33) NO **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/52, 48/00, 38/16, C12N 9/12**

(54) • USE OF IMMUNOMODULATING AGENTS
• UTILISATION D'AGENTS IMMUNOMODULATEURS

(71, 72) **TASKÉN, Kjetil** [NO/NO]; Bergersletta 20, N–1349 Rykkinn (NO).

(72, 75) **AANDAHL, Einar, Martin** [NO/NO]; Sidsel Sidserksv. 1c, N–2600 Lillehammer (NO). **AUKRUST, Pål** [NO/NO]; Abraham Pihls veg 5, N–2322 Ridabu (NO). **SKÅLHEGG, Bjørn, S.** [NO/NO]; Bjerkealléen 3B, N–1322 Høvik (NO). **MÜLLER, Fredrik** [NO/NO]; Otto Blehrs vei 4, N–0588 Oslo (NO). **FRØLAND, Stig** [NO/NO]; Hasselhaugveien 34, N–0851 Oslo (NO). **HANSSON, Vidar** [NO/NO]; Ingerlien 14, N–1300 Sandvika (NO).

(74) **ONSAGERS PATENTKONTOR–DEFENSOR AS**; P.O. Box 265 Sentrum, N–0103 Oslo (NO).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48810** (13) A1

(21) PCT/US98/08611

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,120 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/52, 31/16, 31/135**

(54) • COMPOSITION AND METHODS USING AN EUTOMER
• COMPOSITION ET PROCEDES EMPLOYANT UN EUTOMERE

(71) **BRIDGE PHARMA, INC.** [US/US]; 902 Contento Street, Sarasota, FL 34242 (US).

(72) **ABERG, A., K., Gunnar**; 902 Contento Street, Sarasota, FL 34242 (US). **FAWCETT, J., Paul**; 5 Claremont Street, Maori Hill, Dunedin (NZ).

(74) **LEMACK, Kevin, S.** et al. / etc.; Nields, Lemack & Dingman, Suite 8, 176 E. Main Street, Westboro, MA 01581 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48811** (13) A1

(21) PCT/US98/08826

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,322 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 09/045,486 (32) **20 Mar/mar 1998** (33) US **(20.03.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/56**

(54) • METHOD OF FIXING FRAGRANCES IN FRAGRANCE COMPOSITION AND OTHER COMPOSITIONS
• PROCEDE DE FIXATION DE PARFUMS DANS DES PRODUITS PARFUMES ET AUTRES

(71) **EROX CORPORATION** [US/US]; 4034 Clipper Court, Fremont, CA 94538 (US).

(72) **JENNINGS–WHITE, Clive**; 3096 South 2300 East, Salt Lake City, UT 84109 (US).

(74) **SUYAT, Reginald, J.**; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48812** (13) A1

(21) PCT/GB98/01250

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9708716.7 (32) **29 Apr/avr 1997** (33) GB **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/565, 31/58, C07J 73/00**

(54) • USE OF ANABOLIC STEROID DERIVATIVES IN THE TREATMENT OF CHRONIC HEART FAILURE

- UTILISATION DE DERIVES DE STEROIDES ANABOLISANTS POUR TRAITER L'INSUFFISANCE CARDIAQUE CHRONIQUE

(71) **IMPERIAL COLLEGE OF SCIENCE, TECHNOLOGY & MEDECINE** [GB/GB]; Sherfield Building, Exhibition Road, London SW7 2AZ (GB).
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(72, 75) **ANKER, Stefan** [DE/GB]; National Heart & Lung Institute London, Imperial College School of Medicine, Dovehouse Street, London SW3 6LY (GB). **COATS, Andrew** [AU/GB]; National Heart & Lung Institute London, Imperial College School of Medicine, Dovehouse Street, London SW3 6LY (GB).

(74) **MALLALIEU, Catherine, Louise**; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48813** (13) A1

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(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,161 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 09/067,677 (32) **28 Apr/avr 1998 (28.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/70, 31/475, 38/10, 38/12, 31/365**

(54)
- METHODS FOR USING MACROCYCLIC LACTONE COMPOUNDS AS MULTIDRUG RESISTANCE REVERSING AGENTS IN TUMOR AND OTHER CELLS
- PROCEDES D'UTILISATION DE COMPOSES DE LACTONE MACROCYCLIQUES EN QUALITE D'AGENTS D'INVERSION DE LA RESISTANCE AUX MEDICAMENTS POLYVALENTS DANS DES CELLULES CANCEREUSES ET AUTRES

(71) **MCGILL UNIVERSITY** [CA/CA]; 845 Sherbrooke Street W., Montreal, Quebec H3A 2T5 (CA).

(72) **PRICHARD, Roger, K.**; 597 Lakeshore Road, Beaconsfield, Quebec H9W 4K5 (CA). **POULIOT, Jean–François**; 4600 Hutchison Street, Montreal, Quebec H2V 3Z9 (CA). **GEORGES, Elias**; 2095 de Vouvray, Chomedy, Quebec H7M 3J7 (CA).

(74) **CONN, David, L.** et al. / etc.; Smart & Biggar, 900 – 55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (CA).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48814** (13) A1

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(22) **23 Apr/avr 1998 (23.04.1998)**

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(31) 9708773.8 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(31) 9708772.0 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/715, 9/00**

(54)
- POURABLE ALGINATE COMPOSITIONS
- COMPOSITIONS D'ALGINATE POUVANT ETRE VERSEES

(71) **RECKITT & COLMAN PRODUCTS LIMITED** [GB/GB]; One Burlington Lane, London W4 2RW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANNING, Douglas** [GB/GB]; 79B Aldersbrook Road, Wanstead, London E12 5DH (GB). **CRAIG, Duncan, Quinell, Mackenzie** [GB/GB]; 175 Riverside Road, St. Albans, Hertfordshire AL1 1RZ (GB). **JOLIFFE, Ian, Gordon** [GB/GB]; 47 Kingsway, Cottingham, East Yorkshire HU16 5BB (GB). **HAMPSON, Frank, Chadwick** [GB/GB]; 93 Inmans Road, Hedon, East Yorkshire HU12 8NQ (GB). **FIELD, Paul, Frederick** [GB/GB]; 86 Woodlands Road, Hull, East Yorkshire HU5 5EE (GB). **ONSOYEN, Edvar, Jarle** [NO/NO]; Skogbrynet 6, N–3032 Drammen (NO). **KRISTENSEN, Ase, Hanne** [NO/NO]; Welding Olsens Vei 19, N–0694 Oslo (NO). **DETTMAR, Peter, William** [GB/GB]; Tithe House, Tithe Barn Lane, Patrington, East Yorkshire HU12 0PE (GB).

(74) **DALE, Martin, Nicholas** et al. / etc.; Reckitt & Colman plc, Group Patents Dept., Dansom Lane, Hull HU8 7DS (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48815** (13) A1

(21) PCT/HU98/00044

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) P 97 00826 (32) **29 Apr/avr 1997 (29.04.1997)** (33) HU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/715**

(54)
- USE OF ZINC HYALURONATE AGAINST PEPTIC ULCER
- UTILISATION D'HYALURONATE DE ZINC POUR TRAITER UN ULCERE GASTRO–DUODENAL

(71) **RICHTER GEDEON VEGYÉSZETI GYÁR RT.** [HU/HU]; Gyömroi út 19–21, H–1103 Budapest X (HU).
(for all designated States except / pour tous les États désignés sauf US)

(71) **SZPORNY, Gyula** (heiress of the deceased inventor / héritière de l'inventeur décédé) [HU/HU]; Szabolcska M. u. 27, H–1114 Budapest (HU).
(only for / seulement pour US)

(72) **SZPORNY, László** (deceased / décédé).

(72, 75) **ILLÉS, János** [HU/HU]; Olt u. 27, H–1112 Budapest (HU). **MATÚZ, Judit** [HU/HU]; Ozgida u. 32, H–1025 Budapest (HU). **NESZMÉLYI, Erzsébet** [HU/HU]; Fráter Gy u. 29, H–1149 Budapest (HU). **FORRAI, Gáborné** [HU/HU]; Pozsonyi u. 14, H–1162 Budapest (HU). **ZSÓKA, Erika** [HU/HU]; Pozsonyi u. 14., H–1162 Budapest (HU). **STEFKÓ, Béla** [HU/HU]; Orlay u. 2/B, H–1117 Budapest (HU). **SÁGHY, Katalin** [HU/HU]; Ülloi u. 60–62, H–1082 Budapest (HU).

(74) **RICHTER GEDEON VEGYÉSZETI GYÁR RT.**; Gyömroi út 19–21, H–1103 Budapest X (HU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48816** (13) A1

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(22) **17 Apr/avr 1998 (17.04.1998)**

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(31) 08/845,852 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/715, 31/70**

(54)
- AMINOSUGAR, GLYCOSAMINOGLYCAN OR GLYCOSAMINOGLYCAN–LIKE COMPOUNDS, AND S–ADENOSYLMETHIONINE
- COMPOSES D'AMINOSUCRE, DE GLYCOSAMINOGLYCANE OU DU TYPE DES GLYCOSAMINOGLYCANES, ET S–ADENOSYLMETHIONINE

(71) **NUTRAMAX LABORATORIES, INC.** [US/US]; 5024 Campbell Boulevard, Baltimore, MD 21236 (US).

(72) **HENDERSON, Robert, W.**; 2807 Shady Grove Court, Baldwin, MD 21013 (US). **HENDERSON, Todd**; 1604 Randallwood Court, Jarrettsville, MD 21084 (US). **HAMMAD, Tarek**; 715 Crosby Road, Baltimore, MD 21236 (US).

(74) **PERRON, Jeannie, M.**; Covington & Burling, 1201 Pennsylvania Avenue, N.W., P.O. Box 7566, Washington, DC 20044–7566 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48817** (13) A1

(21) PCT/US98/08932

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,271 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 09/071,140 (32) **30 Apr/avr 1998 (30.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/715**

(54) • USE OF SIALYL GALACTOSIDES AND RELATED COMPOUNDS AS ANTI–ANGIOGENIC AGENTS
• UTILISATION DE SIALYLGALACTOSIDES ET DE COMPOSES APPARENTES COMME AGENTS ANTI–ANGIOGENES

(63) US 60/045,271 (CIP)
1 May/mai 1997 (01.05.1997)
US 09/071,140 (CIP)
30 Apr/avr 1998 (30.04.1998)

(71) **CYTEL CORPORATION** [US/US]; 3525 John Hopkins Court, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEFREES, Shawn** [US/US]; 540 Avenida Verde, San Marcos, CA 92069 (US). **BAYER, Robert, J.** [US/US]; 6105 Dirac Street, San Diego, CA 92122 (US). **RATCLIFFE, Murray** [CA/US]; 4362 Stanford Street, San Diego, CA 92121 (US).

(74) **SMITH, Timothy, L.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48818** (13) A1

(21) PCT/US98/08386

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/045,255 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/725**

(54) • ACTIVATED PROTEIN C FORMULATIONS
• FORMULATIONS DE PROTEINE ACTIVEE

(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) **CARLSON, Andrew, David** [US/US]; 8020 Castle Cove, Indianapolis, IN 46256 (US). **SHELIGA, Theodore, Arsay** [US/US]; 7901 Venetian Way, Indianapolis, IN 46217 (US).

(74) **CALTRIDER, Steven, P.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48819** (13) A1

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(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/847,019 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 31/795**

(54) • CONDENSATION POLYMER COMPOSITION FOR PREVENTING PREGNANCY
• COMPOSITION DE POLYMERE DE CONDENSATION PERMETTANT D'EMPECHER LA GROSSESSE

(71) **PROCEPT, INC.** [US/US]; 840 Memorial Drive, Cambridge, MA 02139 (US).

(72) **SONDERFAN, Andrew, J.**; 55 Pine Street, Sudbury, MA 01776 (US). **PROFY, Albert, T.**; 28 Essex Street, Cambridge, MA 02139 (US). **CHANCELLOR, Toni**; 11 Lovell Road, Watertown, MA 02172 (US). **McKINLAY, Margo**; 336 New Meadow Road, Barrington, RI 02806 (US).

(74) **CARROLL, Alice, O.** et al. / etc.; Hamilton, Brook, Smith & Reynolds, P.C., Two Militia Drive, Lexington, MA 02173 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48820** (13) A1

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(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/05202 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 35/78, 7/48**

(54) • WHITE OAT COLLOIDAL EXTRACT AND METHOD FOR MAKING SAME
• EXTRAIT COLLOIDAL D'AVOINE BLANCHE ET SON PROCEDE DE FABRICATION

(71) **PIERRE FABRE DERMO–COSMETIQUE** [FR/FR]; 45, place Abel Gance, F–92100 Boulogne–Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROUANET, Max** [FR/FR]; Ayguatebia, F–66360 Olette (FR). **POTHERAT, Jean–Jacques** [FR/FR]; 6, rue Rode, F–81440 Lautrec (FR). **COUSSE, Henri** [FR/FR]; 14 bis, rue de Longuebrune, F–31860 Pins–Justaret (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/847,848 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/00**

(54) • USE OF CONANTOKINS FOR PRODUCING ANALGESIA OR FOR NEUROPROTECTION
• EMPLOI DE CONANTOKINES A DES FINS ANALGESIQUES OU NEUROPROTECTRICES

(71) **CYTOTHERAPEUTICS, INC.** [US/US]; 701 George Washington Highway, Lincoln, RI 02865 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAYDOFF, Joel** [US/US]; 40 Massasoit Avenue, Barrington, RI 02806 (US).

(74) **ELRIFI, Ivor, R.**; Mintz, Levin, Cohn, Ferris, Glovsky and Popeo, P.C., One Financial Center, Boston, MA 02111 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48822** (13) A1

(21) PCT/US98/08384

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/045,255 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/00, 38/16, 38/17, C07K 1/08, 14/435, C12P 21/02**

(54) • IMPROVED METHODS FOR PROCESSING ACTIVATED PROTEIN C
• PERFECTIONNEMENT DU TRAITEMENT DE LA PROTEINE C ACTIVEE

(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, Jeffrey, Clayton** [US/US]; 114 East 44th Street, Indianapolis, IN 46205 (US). **CARLSON, Andrew, David** [US/US]; 8020 Castle Cove, Indianapolis, IN 46256 (US). **HUANG, Lihua** [CN/US]; 13138 Penneagle Drive, Carmel, IN 46033 (US). **SHELIGA, Theodore, Arsay** [US/US]; 7901 Venetian Way, Indianapolis, IN 46217 (US).

(74) **CALTRIDER, Steven, P.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48823** (13) A1

(21) PCT/US98/08519

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,336 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/00, 38/04, C07K 5/00, 7/00, 17/00, C12N 15/00**

(54) • ANTI–BACTERIAL COMPOSITION
• COMPOSITION ANTIBACTERIENNE

(71) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; Morrill Hall, 100 Church Street S.E., Minneapolis, MN 55455 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUNNY, Gary, M.** [US/US]; 507 Mount Curve Boulevard, St. Paul, MN 55116 (US).

(74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **1 May/mai 1998 (01.05.1998)**

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(31) 60/045,455 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/00, 38/02, C07K 5/00, 7/00, 9/00**

(54) • BIOACTIVE PEPTIDES DERIVED FROM COCAINE AND AMPHETAMINE REGULATED TRANSCRIPT PROTEIN
• PEPTIDES BIOACTIFS DERIVES DE PROTEINES DE TRANSCRIPTION REGULEES PAR LA COCAINE ET LES AMPHETAMINES

(63) US 60/045,455 (CIP)
1 May/mai 1997 (01.05.1997)

(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridgewood Drive, Atlanta, GA 30322 (US).
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(72, 75) **KUHAR, Michael, J.** [US/US]; 2560 Echo Drive, Atlanta, GA 30345 (US). **LAMBERT, Philip, D.** [US/US]; 1745 McDowell Court, Lawrenceville, GA 30244 (US). **COUCEYRO, Pastor, R.** [US/US]; 1302 Summit Pointe Way, Atlanta, GA 30329 (US).

(74) **FERBER, Donna, M.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48825** (13) A1

(21) PCT/US98/08569

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,881 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/02, A01N 37/18**

(54) • COMPOUNDS USEFUL FOR THE MODULATION OF PROCESSES MEDIATED BY NUCLEAR HORMONE RECEPTORS, METHODS FOR THE IDENTIFICATION AND USE OF SUCH COMPOUNDS
• COMPOSES UTILES POUR LA MODULATION DE PROCESSUS DEPENDANT DE RECEPTEURS HORMONAUX NUCLEAIRES, PROCEDES D'IDENTIFICATION ET D'UTILISATION DE TELS COMPOSES

(63) US 08/846,881 (CON)
1 May/mai 1997 (01.05.1997)

(71) **THE SALK INSTITUTE FOR BIOLOGICAL STUDIES** [US/US]; 10010 North Torrey Pines Road, La Jolla, CA 90237 (US).
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(72, 75) **EVANS, Ronald, M.** [US/US]; 1471 Cottontail Lane, La Jolla, CA 92037 (US). **NAGY, Laszlo** [HU/US]; 12570 Carmel Creek Road #79, San Diego, CA 92130 (US).

(74) **REITER, Stephen, E.**; Gray Cary Ware & Freidenrich LLP, Suite 1600, 4365 Executive Drive, San Diego, CA 92121 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 60/045,192 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 60/062,668 (32) **8 Oct/oct 1997 (08.10.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/05**

(54) • INHIBITION OF NITRIC OXIDE SYNTHASE BY AMINO ACIDS AND DIPEPTIDES
• INHIBITION DE LA MONOXYDE D'AZOTE SYNTHETASE PAR DES ACIDES AMINES ET DES PEPTIDES

(71) **NORTHWESTERN UNIVERSITY** [US/US]; 1801 Maple Avenue, Evanston, IL 60201 (US).
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(72, 75) **SILVERMAN, Richard, B.** [US/US]; 4106 Rutgers Lane, Northbrook, IL 60062 (US). **HUANG, Hui** [CN/US]; 1310 Chicago Avenue #3H, Evanston, IL 60201 (US). **ZHANG, Henry, Q.** [CN/US]; 107 Suffolk Lane, Grayslake, IL 60030 (US).

(74) **NORTHRUP, Thomas, E.**; Rockey, Milnamow & Katz, Ltd., Suite 4700, Two Prudential Plaza, Chicago, IL 60601 (US).

(81) AU CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 841,349 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/16, 38/17, 38/18, C07K 14/47, 14/475, 16/00, 16/18, 16/22, C12N 15/12, 15/16, 15/18, 15/63**

(54) • GENES CODING PROTEINS FOR EARLY LIVER DEVELOPMENT AND THEIR USE IN DIAGNOSING AND TREATING LIVER DISEASE
• GENES CODANT DES PROTEINES DE DEVELOPPEMENT PRECOCE DU FOIE ET UTILISATION DE CES DERNIERS DANS LE DIAGNOSTIC ET LE TRAITEMENT DES MALADIES DU FOIE

(63) US 08/841,349 (CIP)
30 Apr/avr 1997 (30.04.1997)

(71, 72) **MISHRA, Lopa** [US/US]; 6910 Oakridge Avenue, Bethesda, MD 20815 (US).

(74) **SCHULMAN, B., Aaron**; Larson & Taylor, Transpotomac Plaza, Suite 900, 1199 North Fairfax Street, Alexandria, VA 22314 (US).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48828** (13) A1

(21) PCT/US98/08742

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,966 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/16, 38/17, 38/19, C12N 15/12, 15/19, 15/63, C07K 14/52, 14/47**

(54) • METHOD OF TREATING SEPSIS
• METHODE DE TRAITEMENT DE L'ETAT SEPTIQUE

(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) **DEMARSH, Peter, Lawrence** [US/US]; 614 Walden Drive, West Chester, PA 19380 (US). **JOHANSON, Kyung, O.** [US/US]; 28 Haymarket Lane, Bryn Mawr, PA 19010 (US).

(74) **HALL, Linda, E.** et al. / etc.; SmithKline Beecham Corporation, Corporate Intellectual Property, UW2220, 709 Swedeland Road, P.O. Box 1539, King of Prussia, PA 19406–0939 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48829** (13) A1

(21) PCT/US98/08592

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,463 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/17, 48/00, A61L 27/00, C12N 5/10**

(54) • A VERTEBRATE LENS OBTAINED FROM AN ECTODERMAL CELL AND METHODS OF USE THEREOF
• CRISTALLIN DE VERTEBRE OBTENU A PARTIR D'UNE CELLULE ECTODERMIQUE ET PROCEDES D'UTILISATION DE CELUI–CI

(71) **THE ROCKEFELLER UNIVERSITY** [US/US]; 1230 York Avenue, New York, NY 10021–6399 (US). **NEW YORK UNIVERSITY** [US/US]; 70 Washington Square South, New York, NY 10012 (US).

(72) **LANG, Richard, A.**; Apartment 8J, 430 East 63rd Street, New York, NY 10021 (US). **HEMMATI–BRIVANLOU, Ali**; Apartment 6D, 325 East 84th Street, New York, NY 10028 (US). **ALTMANN, Curtis, R.**; 504 East 63rd Street #12R, New York, NY 10021 (US). **CHOW, Robert, L.**; 100–13 Ascan Avenue #2, Forest Hills, NY 11375 (US).

(74) **DAVIS, Michael, D.** et al. / etc.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/045,012 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 60/058,225 (32) **9 Sep/sep 1997 (09.09.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/18**

(54) • METHOD FOR PROMOTING MYOGENESIS USING OSTEOGENIC PROTEINS
• PROCEDES DESTINES A FAVORISER LA MYOGENESE EN UTILISANT UNE PROTEINE OSTEOGENIQUE

(71) **TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104 (US).
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(72, 75) **EMERSON, Charles, P.** [US/US]; 118 Colwyn Lane, Bala Cynwyd, PA 19004 (US). **BORYCKI, Anne–Gaelle** [US/US]; 1513 Rodman Street, Philadelphia, PA 19146 (US). **BRUNK, Brian** [US/US]; 212 Hewett Road, Wyncote, PA 19095 (US).

(74) **REED, Janet, E.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103–2307 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48831** (13) A1

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(22) **26 Apr/avr 1998 (26.04.1998)**

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(31) 120733 (32) **29 Apr/avr 1997 (29.04.1997)** (33) IL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 38/33**

(54) • LEPTIN AS AN INHIBITOR OF TUMOR CELL PROLIFERATION
• LEPTINE UTILE EN TANT QU'INHIBITEUR DE LA PROLIFERATION CELLULAIRE DANS LES TUMEURS

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).
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(72, 75) **BARKAN, Dalit** [IL/IL]; Vilkomitch Street 22a, 76448 Rehovot (IL). **COHEN, Batya** [IL/IL]; Bloch Street 48, 64681 Tel Aviv (IL). **RUBINSTEIN, Menachem** [IL/IL]; Hatomer Street 16, 54042 Givat Shmuel (IL).

(74) **EINAV, Henry**; Inter–Lab Ltd., Science–based Industrial Park, Kiryat Weizmann, 76110 Ness–Ziona (IL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 08/847,228 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 39/00, 39/09, 39/13, 39/25, 39/29, 39/39, 39/102, 39/145, 39/275**

(54) • NERVE GROWTH FACTOR AS A VACCINE ADJUVANT
• FACTEUR DE CROISSANCE NERVEUSE COMME ADJUVANT DE VACCIN

(71) **PROTECHTION UNLIMITED, INC.** [US/US]; 1201 North Market Street, Wilmington, DE 19801 (US).
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(72, 75) **TORCIA, Maria** [IT/IT]; Via Dante da Castiglione, 33/27, I–50124 Firenze (IT).

(74) **REPPER, George, R.** et al. / etc.; Rothwell, Figg, Ernst & Kurz, Suite 701 East, Columbia Square, 555 13th Street N.W., Washington, DC 20004 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48833** (13) A1

(21) PCT/US98/08878

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/846,461 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 39/00, 39/38, 39/02, 39/108**

(54) • METHODS FOR PREVENTION AND/OR TREATMENT OF THROMBOCYTOPENIA
• PROCEDE DE TRAITEMENT ET/OU DE PREVENTION DE LA THROMBOCYTOPENIE

(71) **DYNAGEN, INC.** [US/US]; 840 Memorial Drive, Cambridge, MA 02139 (US).

(72) **ISTRATE, Nicolae**; 9 Hayes Lane, Lexington, MA 02173 (US). **MUNI, Gita**; 5 Westward Circle, North Reading, MA 01864 (US). **BRAUNER, Edgard**; Apartment 717, 30 Wallingford Road, Brighton, MA 02135 (US). **RAHEMAN, Fazal**; 19 Thomas Street, Burlington, MA 01803 (US).

(74) **KINDREGAN, Helen, C.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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(11) **WO 98/48834** (13) A1

(21) PCT/US98/08929

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,176 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 39/00, 39/12, 39/145, C12N 7/01, 15/00**

(54) • RECOMBINANT INFLUENZA VIRUSES EXPRESSING TUMOR–ASSOCIATED ANTIGENS AS ANTITUMOR AGENTS
• VIRUS DE RECOMBINAISON DE LA GRIPPE EXPRIMANT DES ANTIGENES ASSOCIES A DES TUMEURS ET SERVANT D'AGENTS ANTI–TUMORAUX

(71) **THE MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK** [US/US]; One Gustave Levy Place, New York, NY 10029–6574 (US). **NATIONAL INSTITUTES OF HEALTH** [US/US]; 6011 Executive Boulevard, Rockville, MD 20852 (US).

(72) **GARCIA–SASTRE, Adolfo**; 16 East 96th Street, New York, NY 10128 (US). **PALESE, Peter**; 414 Highwood Avenue, Leonia, NJ 07605 (US). **ROSENBERG, Steven, A.**; Bethesda, MD (US). **RESTIFO, Nicholas, P.**; Washington, DC (US).

(74) **CORUZZI, Laura, A.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48835** (13) A1

(21) PCT/US98/08890

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 97/05609 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(31) 97/15731 (32) **8 Dec/déc 1997 (08.12.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 39/02, A01N 43/04, A61K 31/70**

(54) • ANTI–*HELICOBACTER* VACCINE COMPOSITION FOR USE BY THE SUBDIAPHRAGMATIC SYSTEMIC ROUTE, AND COMBINED MUCOSAL/PARENTERAL IMMUNIZATION METHOD
• VACCIN ANTI–HELICOBACTER ADMINISTRABLE PAR VOIE GENERALE SOUS–DIAPHRAGMATIQUE, ET PROCEDE COMBINE D'IMMUNISATION PAR LES MUQUEUSES/PARENTERALE

(71) **MERIEUX ORAVAX** [FR/FR]; 58, avenue Leclerc, F–69007 Lyon (FR).
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(72, 75) **GUY, Bruno** [FR/FR]; 15 B, rue des Noyers, F–69005 Lyon (FR). **HAENSLER, Jean** [FR/FR]; Les Bullandières, Bâtiment B, 17, rue Piccandet, F–69290 Saint Genis les Ollières (FR). **LEE, Cynthia, K.** [US/US]; 18 Ellicott Street, Needham, MA 02192 (US). **WELTZIN, Richard, A.** [US/US]; 188 Flat Hill Road, Lunenburg, MA 01462 (US). **MONATH, Thomas, P.** [US/US]; 21 Finn Road, Harvard, MA 01451 (US).

(74) **CLARK, Paul, T.**; Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110–2214 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48836** (13) A1

(21) PCT/FR98/00875

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) fr (26) fr

(31) 97/05608 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(31) 97/15732 (32) **8 Dec/déc 1997 (08.12.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 39/106**

(54) • ANTI–*HELICOBACTER* VACCINE COMPOSITION COMPRISING A TH1 ADJUVANT
• COMPOSITION VACCINALE ANTI–*HELICOBACTER* COMPRENANT UN ADJUVANT DE TYPE TH1

(71) **MERIEUX ORAVAX** [FR/FR]; 58, avenue Leclerc, F–69007 Lyon (FR).
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(72, 75) **GUY, Bruno** [FR/FR]; 15B, rue des Noyers, F–69005 Lyon (FR). **HAENSLER, Jean** [FR/FR]; "Les Bullandières" Bâtiment B, 17, rue Piccandet, F–69290 Saint Genis les Ollières (FR).

(74) **AYROLES, Marie–Pauline**; Pasteur Mérieux Sérums & Vaccins, Direction Propriété Industrielle, 58, avenue Leclerc, F–69007 Lyon (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(25) en (26) en

(31) 60/044,449 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 60/050,472 (32) **23 Jun/juin 1997 (23.06.1997)** (33) US

(31) 60/063,074 (32) **27 Oct/oct 1997 (27.10.1997)** (33) US

(31) 60/067,341 (32) **2 Dec/déc 1997 (02.12.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 39/385, 39/395, G01N 33/53, C12P 21/06, 21/04, C07K 16/00**

(54) • POLYALKYLENE OXIDE–MODIFIED SINGLE CHAIN POLYPEPTIDES
• POLYPEPTIDES A CHAINE UNIQUE MODIFIES PAR OXYDE DE POLYALKYLENE

(71) **ENZON, INC.** [US/US]; 20 Kingsbridge Road, Piscataway, NJ 08854–3963 (US).

(72) **WHITLOW, Marc**; 3675 May Road, El Sobrante, CA 94803 (US). **SHORR, Robert, G., L.**; 28 Brookfall Road, Edison, NJ 08817 (US). **FILPULA, David, R.**; 269 Carlton Club Drive, Piscataway, NJ 08854 (US). **LEE, Lihsyng, S.**; 22 Van Wyck Drive, Princeton Junction, NJ 08550 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **28 Apr/avr 1998 (28.04.1998)**

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(31) 08/848,586 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 9727124.1 (32) **22 Dec/déc 1997 (22.12.1997)** (33) GB

(31) 09/035,285 (32) **5 Mar/mar 1998 (05.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 41/00, 49/00**

(54) • COMPOUNDS
• COMPOSES

(63) US 08/848,586 (CIP)
29 Apr/avr 1997 (29.04.1997)
US 09/035,285 (CIP)
5 Mar/mar 1998 (05.03.1998)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 1–2, N–0401 Oslo (NO).
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(71) **COCKBAIN, Julian, Roderick, Michaelson** [GB/GB]; 27 Ladbroke Road, London W11 3PD (GB).
(only for / seulement pour GB)

(72, 75) **SNOW, Robert, Allen** [CA/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **HENRICHS, Paul, Mark** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **DELECKI, Daniel, Joseph** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **SANDERSON, William, Anthony** [GB/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **DESAI, Vinay, Chandrakant** [IN/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **BACON, Edward** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **HOLLISTER, Kenneth, Robert** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **HOHENSCHUH, Eric, Paul** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(21) PCT/US98/06483

(22) **2 Apr/avr 1998 (02.04.1998)**

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(31) 60/044,306 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 45/06, 31/57, 31/58, 31/135, 31/35, 31/245, 31/09, 31/38, 31/195, 31/47, 31/445, 31/55, 31/44, 31/615, 31/415**

(54) • TOPICAL NASAL ANTIINFLAMMATORY COMPOSITIONS
• COMPOSITIONS ANTIINFLAMMATOIRES POUR APPLICATION NASALE TOPIQUE

(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) **SEGAL, Catherine, A.** [US/US]; 60 Shawnee Avenue, Rockaway, NJ 07866 (US).

(74) **RYAN, M., Andrea**; Warner–Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AL AU BA BB BG BR CA CN CZ EE GE GW HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48840** (13) A1

(21) PCT/US98/07634

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/839,101 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 47/48**

(54) • POLYETHYLENE GLYCOL–INTERFERON ALPHA CONJUGATES FOR THERAPY OF INFECTION
• CONJUGUES POLYETHYLENEGLYCOL–INTERFERON ALPHA, POUR LA THERAPIE DES INFECTIONS

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033–0530 (US).

(72) **GLUE, Paul**; 13 Allens Corner Road, Flemington, NJ 08822 (US). **CUTLER, David, L.**; 4 Windsor Way, Morristown, NJ 07960 (US). **AFFRIME, Melton, B.**; 2 Horseshoe Drive, Flemington, NJ 08822 (US).

(74) **McLAUGHLIN, Jaye, P.** et al. / etc.; Schering–Plough Corporation, Patent Dept., K–6–1 1990, 2000 Galloping Hill Road, Kenilworth, NJ 07033–0530 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CZ EE GE GW HU ID IL IS JP KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48841** (13) A1

(21) PCT/GB98/01230

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708415.6 (32) **26 Apr/avr 1997 (26.04.1997)** (33) GB

(31) 9708632.6 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 48/00**

(54) • USE OF PAPOVAVIRUS CAPSID PROTEIN FOR DELIVERY OF GENETIC MATERIAL
• UTILISATION DE LA PROTEINE CAPSIDE DU PAPOVAVIRUS POUR L'APPORT DE MATERIEL GENETIQUE

(71) **RPMS TECHNOLOGY LIMITED** [GB/GB]; Commonwealth Building, Du Cane Road, London W12 0NN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GRIFFIN, Beverly, Elayne** [US/GB]; Royal Postgraduate Medical School, Commonwealth Building, Du Cane Road, London W12 0NN (GB). **KRAUZEWICZ, Nina, Sheila** [GB/GB]; Royal Postgraduate Medical School, Commonwealth Building, Du Cane Road, London W12 0NN (GB).

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

(81) AU JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48842** (13) A1

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(22) **29 Apr/avr 1998 (29.04.1998)**

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(31) 9708698.7 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 48/00, C12N 15/86**

(54) • USE OF A MODIFIED BACULOVIRUS CONTAINING EXOGENOUS NUCLEIC ACID FOR THE MANUFACTURE OF A MEDICAMENT FOR DELIVERING SAID NUCLEIC ACID TO THE HEPATOCYTES
• UTILISATION D'UN BACULOVIRUS MODIFIE CONTENANT UN ACIDE NUCLEIQUE EXOGENE POUR PREPARER UN MEDICAMENT SERVANT A ADMINISTRER LEDIT ACIDE NUCLEIQUE AUX HEPATOCYTES

(71) **IMPERIAL COLLEGE INNOVATIONS LIMITED** [GB/GB]; Sherfield Building, Imperial College, London SW7 2AZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCGARVEY, Michael, Joseph** [GB/GB]; 6 Cranley Gardens, Palmers Green, London N13 4LS (GB). **THOMAS, Howard, Christopher** [GB/GB]; The Imperial School of Medicine, Queen Elizabeth The Queen Mother Wing, St. Mary's Hospital, Dept. of Medicine, London W2 1PG (GB).

(74) **CHAPMAN, Paul, William** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48843** (13) A1

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 848,013 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 48/00**

(54) • METHOD OF TREATING HIV INFECTION AND RELATED SECONDARY INFECTIONS THEREOF
• TRAITEMENT DE L'INFECTION PAR VIH ET DE SES INFECTIONS OPPORTUNISTES

(71, 72) **BURCOGLU, Arsinur** [US/US]; 213 Sweetgum Road, Pittsburgh, PA 15238 (US).

(74) **HOSCHEIT, Dale, H.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001–4597 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48844** (13) A2

(21) PCT/EP98/02031

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) de (26) de

(31) 197 19 033.2 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 49/00**

(54) • ION PARIS, METHOD FOR THE PRODUCTION AND USE THEREOF AS CONTRAST AGENTS
• PAIRES D'IONS, PROCEDE PERMETTANT DE LES PREPARER ET LEUR UTILISATION COMME AGENTS DE CONTRASTE

(71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, D–13353 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAUSE, Werner** [DE/DE]; Turmfalkenstrasse 39a, D–13505 Berlin (DE). **BAUER, Michael** [DE/DE]; Kieferheider Weg 10, D–13503 Berlin (DE). **PLATZEK, Johannes** [DE/DE]; Grottkauer Strasse 55, D–12621 Berlin (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48845** (13) A1

(21) PCT/GB98/01245

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/848,586 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 9727124.1 (32) **22 Dec/déc 1997 (22.12.1997)** (33) GB

(31) 09/035,285 (32) **5 Mar/mar 1998 (05.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 49/00, 41/00**

(54) • METHOD OF DEMARCATING TISSUE
• PROCEDE DE DELIMITATION DE TISSUS

(63) US 08/848,586 (CIP)
29 Apr/avr 1997 (29.04.1997)
US 09/035,285 (CIP)
5 Mar/mar 1998 (05.03.1998)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 1–2, N–0401 Oslo (NO).
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(71, 72) **COCKBAIN, Julian, Roderick, Michaelson** [GB/GB]; 27 Ladbroke Road, London W11 3PD (GB).
(only for / seulement pour GB)

(72, 75) **SNOW, Robert, Allen** [CA/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **HENRICHS, Paul, Mark** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **BACON, Edward** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **McINTIRE, Gregory, Lynn** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **HOLLISTER, Robert** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US).

DELECKI, Daniel, Joseph [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **SANDERSON, William, Anthony** [GB/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **DESAI, Vinay, Chandrakant** [IN/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48846** (13) A1

(21) PCT/GB98/01248

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/848,586 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 08/984,771 (32) **4 Dec/déc 1997 (04.12.1997)** (33) US

(31) 9727124.1 (32) **22 Dec/déc 1997 (22.12.1997)** (33) GB

(31) 09/035,285 (32) **5 Mar/mar 1998 (05.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 49/00**

(54) • LIGHT IMAGING CONTRAST AGENTS
• AGENTS DE CONTRASTE UTILISES DANS DES TECHNIQUES D'IMAGERIE BASEES SUR LA LUMIERE

(63) US 08/848,586 (CIP) 29 Apr/avr 1997 (29.04.1997)
US 09/035,285 (CIP) 5 Mar/mar 1998 (05.03.1998)
US 08/984,771 (CIP) 4 Dec/déc 1997 (04.12.1997)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 1–2, N–0401 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(71) **COCKBAIN, Julian, Roderick, Michaelson** [GB/GB]; 27 Ladbroke Road, London W11 3PD (GB).
(only for / seulement pour GB)

(72, 75) **HOHENSCHUH, Eric** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **HENRICHS, Paul, Mark** [US/US]; Nycomed Amersham Imaging AS, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **BACON, Edward** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (IN). **DESAI, Vinay, Chandrakant** [IN/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US). **McINTIRE, Gregory, Lynn** [US/US]; Nycomed Amersham Imaging, 466 Devon Park Drive, Wayne, PA 19087–8630 (US).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48847** (13) A1

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(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708467.7 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 49/04**

(54) • NANOPARTICLE COMPOSITION CONTAINING IODINATED X–RAY CONTRAST AGENT AS STABILIZER FOR THERMAL STERILIZATION
• COMPOSITION DE NANOPARTICULES CONTENANT UNE SUBSTANCE DE CONTRASTE DE RAYONS X IODEE DESTINEE A UNE STERILISATION THERMIQUE

(63) US 60/057,100 (CIP) 27 Aug/août 1997 (27.08.1997)

(71) **NYCOMED IMAGING AS** [NO/NO]; Nycoveien 2, N–0401 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(71) **COCKBAIN, Julian** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)

(72, 75) **McINTIRE, Gregory, Lynn** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US). **ILLIG, Kathleen, J.** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US). **BACON, Edward, R.** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US). **SIMMONS, Daryl, M.** [US/US]; Nycomed Inc., 466 Devon Park Drive, P.O. Box 6630, Wayne, PA 19087 (US).

(74) **COCKBAIN, Julian** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48848** (13) A1

(21) PCT/US98/07979

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 97201232.2 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) AT et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 51/04, C01G 45/04, C07F 13/00**

(54) • METHOD FOR THE PREPARATION OF FACIAL METAL TRICARBONYL COMPOUNDS AND THEIR USE IN THE LABELLING OF BIOLOGICALLY ACTIVE SUBSTRATES
• PROCEDE DE PREPARATION DE COMPOSES CARBONYLE–METAL FACIAUX ET LEUR UTILISATION DANS LE MARQUAGE DE SUBSTRATS BIOLOGIQUEMENT ACTIFS

(71) **MALLINCKRODT MEDICAL, INC.** [US/US]; 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALBERTO, Roger** [CH/CH]; Paul Scherrer Institut, CH–5232 Villingen PSI (CH). **SCHIBLI, Roger** [CH/CH]; Paul Scherrer Institut, CH–5232 Villingen PSI (CH). **EGLI, André** [CH/CH]; Paul Scherrer Institut, CH–5232 Villingen PSI (CH).

(74) **BOONE, Jeffrey, S.** et al. / etc.; Mallinckrodt Inc., 675 McDonnell Boulevard, P.O. Box 5840, St. Louis, MO 63134 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48849** (13) A1

(21) PCT/US98/08776

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,999 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 51/04**

(54) • RADIONUCLIDE ASSOCIATED WITH NUCLEOTIDE POLYPHOSPHATE AS TUMOR IMAGING AGENTS
• RADIONUCLIDE ASSOCIE A UN POLYPHOSPHATE NUCLEOTIDIQUE EN TANT QU'AGENTS D'IMAGERIE DE TUMEURS

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) **ELMALEH, David, R.**; 38 Hartman Road, Newton, MA 02159 (US). **BABICH, John, W.**; 438 Tilden Road, Scituate, MA 02066 (US).

(74) **FREEMAN, John, W.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110–2804 (US).

(81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48850** (13) A1

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(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 197 17 775.1 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61K 51/12, A61L 29/00, 31/00**

(54) • RADIONUCLIDE MICROPARTICLES BOUND TO ELASTOMERIC HOSE FOR THE ENDOVASCULAR THERAPY
• MICROPARTICULES ISOTOPIQUES FIXEES SUR UN TUYAU ELASTOMERE DESTINE A LA THERAPIE ENDOVASCULAIRE

(71) **UNIVERSITÄT KARLSRUHE** [DE/DE]; Kaiserstrasse 12, D–76128 Karlsruhe (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DENK, Roman** [DE/DE]; Buchenweg 21, D–89197 Weidenstetten (DE).

(74) **PERREY, Ralf**; Müller–Boré & Partner, Grafinger Strasse 2, D–81671 München (DE).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48851** (13) A2

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(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 18 342.5 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(31) 197 18 341.7 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(31) 197 18 340.9 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(31) 197 24 223.5 (32) **3 Jun/juin 1997** (33) DE **(03.06.1997)**

(31) 197 24 229.4 (32) **3 Jun/juin 1997** (33) DE **(03.06.1997)**

(31) 197 24 230.8 (32) **3 Jun/juin 1997** (33) DE **(03.06.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L**

(54) • STENTS WITH A RADIOACTIVE SURFACE COATING, PROCESSES FOR PRODUCING THE SAME AND THEIR USE FOR RESTENOSIS PREVENTION
• TUTEURS A REVETEMENT RADIOACTIF DE SURFACE, LEURS PROCEDES DE FABRICATION ET LEUR UTILISATION EN PROPHYLAXIE DE LA RESTENOSE

(71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, D–13353 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DINKELBORG, Ludger** [DE/DE]; Ortwinstrasse 7, D–13465 Berlin (DE). **BLUME, Friedhelm** [DE/DE]; Nusshäherstrasse 47 t, D–13404 Berlin (DE). **HILGER, Christoph–Stephan** [DE/DE]; Ostendener Strasse 3a, D–13353 Berlin (DE). **HELDMANN, Dieter** [DE/DE]; Krefelder Strasse 31, D–10555 Berlin (DE). **PLATZEK, Johannes** [DE/DE]; Grottkauer Strasse 55, D–12621 Berlin (DE). **NIEDBALLA, Ulrich** [DE/DE]; Gosslerstrasse 28A, D–14195 Berlin (DE). **MIKLAUTZ, Heribert** [DE/DE]; Undinestrasse 38, D–12203 Berlin (DE). **SPECK, Ulrich** [DE/DE]; Fürstendamm 20, D–13465 Berlin (DE). **DUDA, Stephan** [DE/DE]; Weilerhalde 32, D–72070 Tübingen (DE). **TEPE, Gunnar** [DE/DE]; Im Heckenwert 5, D–72127 Wankheim (DE). **NOLL, Bernhard** [DE/DE]; Dresdener Strasse 104, D–01705 Freital (DE). **GÖRNER, Heidemarie** [DE/DE]; Warthaer Strasse 62, D–01157 Dresden (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48852** (13) A2

(21) PCT/EP98/02528

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 18 339.5 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L**

(54) • POLYMER–COATED STENTS, PROCESSES FOR PRODUCING THE SAME AND THEIR USE FOR RESTENOSIS PREVENTION
• TUTEURS A REVETEMENT POLYMERE, LEURS PROCEDES DE FABRICATION ET LEUR UTILISATION EN PROPHYLAXIE DE LA RESTENOSE

(71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, D–13353 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KRAUSE, Werner** [DE/DE]; Turmfalkenstrasse 39a, D–13505 Berlin (DE). **HÖCKER, Hartwig** [DE/DE]; Am Dornbach 23, D–52076 Aachen (DE). **LAHANN, Jörg** [DE/DE]; An der Junkersmühle 31, D–52064 Aachen (DE). **KLEE, Doris** [DE/DE]; Preusweg 64, D–52074 Aachen (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48853** (13) A2

(21) PCT/EP98/02371

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 17 839.1 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 2/00**

(54) • METHOD FOR TREATING CONTAMINATED MATERIAL, SPECIFICALLY INFECTED MATERIAL
• PROCEDE DE TRAITEMENT DE MATERIAUX CONTAMINES, NOTAMMENT INFECTES

(71, 72) **GÖLDNER, Helmut** [DE/DE]; Lampenskamp 3, D–31632 Husum–Bolsehle (DE).

(74) **BRAUN, Dieter**; Hagemann, Braun & Held, D–30173 Hannover (DE).

(81) AU BR CA CN JP KR MX RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48854** (13) A2

(21) PCT/IB98/00623

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) BO97A 000251 (32) **28 Apr/avr 1997** (33) IT **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 2/00**

(54) • METHOD FOR THE COLD STERILISATION OF A TUNNEL–TYPE OVEN FOR PHARMACEUTICAL USE, AND OVEN FOR CARRYING OUT SAID METHOD
• PROCEDE DE STERILISATION A FROID DE FOURS DE TYPE TUNNEL A USAGE PHARMACEUTIQUE, ET FOUR POUR LA MISE EN OEUVRE DE CE PROCEDE

(71) **LIBRA PHARMACEUTICAL TECHNOLOGIES S.R.L.** [IT/IT]; Via Baldanzese, 149, Loc. Settimello, I–50040 Calenzano (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BECHINI, Claudio** [IT/IT]; Via Maestri del Lavoro, Loc. Querce Grossa, I–53019 Castelnuovo Berardenga (IT).

(74) **DALL'OLIO, Giancarlo**; Invention S.a.s., Via delle Armi, 1, I–40137 Bologna (IT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48855** (13) A1

(21) PCT/US97/07633

(22) **8 May/mai 1997 (08.05.1997)**

(25) en (26) en

(31) 08/848,502 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 2/06, 2/10, 2/20, F27D 7/04**

(54) • MOISTURE SENSITIVE ITEM DRYING APPLIANCE
• DISPOSITIF DE SECHAGE POUR ARTICLE SENSIBLE A L'HUMIDITE

(71, 72) **SCHUMAIER, Daniel, R.** [US/US]; Route 2, Elizabethton, TN 37643 (US).

(74) **DAVIS, Anthony, G., M.**; Davis and Bujold, 4th floor, 500 North Commercial Street, Manchester, NH 03101 (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 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 YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48856** (13) A1

(21) PCT/US98/08069

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/840,667 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 2/16**

(54) • PRESSURE–ENHANCED OXIDATIVE STERILIZATION PROCESS
• PROCEDE DE STERILISATION OXYDATIVE A PRESSION ACCRUE

(71) **UNIVERSITY OF ROCHESTER** [US/US]; Office of Technology Transfer, 518 Hylan Building, Rochester, NY 14627 (US).

(72) **MARQUIS, Robert, E.**; 163 Warrington, Rochester, NY 14618 (US).

(74) **FLECKENSTEIN, Lee, J.** et al. / etc.; Nixon, Hargrave, Devans & Doyle LLP, Clinton Square, P.O. Box 1051, Rochester, NY 14603 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48857** (13) A1

(21) PCT/US98/08505

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,363 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 15/18, 15/60**

(54) • RESILIENT SUPERABSORBENT COMPOSITIONS
• COMPOSITIONS SUPERABSORBANTES ELASTIQUES

(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) **WEIR, Joseph, L.** [US/US]; 5300 Jefferson Avenue, Midland, MI 48640 (US).

(74) **HAYHURST, Paul, D.**; Patent Dept., P.O. Box 1967, Midland, MI 48641–1967 (US).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48858** (13) A1

(21) PCT/DK98/00166

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 0489/97 (32) **30 Apr/avr 1997** (33) DK **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 15/24, 15/30, 15/58**

(54) • AN ADHESIVE AGENT AND USE OF SUCH ADHESIVE AGENT
• AGENT ADHESIF ET SON UTILISATION

(71) **COLOPLAST A/S** [DK/DK]; Holtedam 1, DK–3050 Humlebaek (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Fei** [DK/DK]; Gjerdesager 15, DK–3540 Lynge (DK).

(74) **COLOPLAST A/S**; Nilausen, Kim, Patent Dept., Holtedam 1, DK–3050 Humlebaek (DK).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48859** (13) A1

(21) PCT/US98/09185

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/841,345 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 17/00, 25/00, 27/00, C08G 79/04, C08L 85/02**

(54) • BIODEGRADABLE COMPOSITIONS COMPRISING POLY(CYCLOALIPHATIC PHOSPHOESTER) COMPOUNDS, ARTICLES, AND METHODS FOR USING THE SAME
• COMPOSITIONS BIODEGRADABLES COMPORTANT DES COMPOSES DE POLY(PHOSPHOESTERS CYCLOALIPHATIQUES), ET ARTICLES ET PROCEDES LES UTILISANT

(71) **GUILFORD PHARMACEUTICALS INC.** [US/US]; 6611 Tributary Street, Baltimore, MD 21224 (US). **JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE** [US/US]; Suite 2–100, 2024 East Monument Street, Baltimore, MD 21205 (US).

(72) **DANG, Wenbin**; 2320 F Tarleton Lane, Baltimore, MD 21234 (US). **MAO, Hai–quan**; Apartment C8, 334 Stevenson Lane, Towson, MD 21204 (US). **SHIPANOVA–KADIYALA, Irina**; 1531 Lancaster Street, Baltimore, MD 21231 (US). **LEONG, Kam, W.**; 10242 Breconshire Road, Ellicott City, MD 21042–5854 (US). **ZHAO, Zhong**; 2320 F Tarleton Lane, Baltimore, MD 21234 (US). **ENGLISH, James, P.**; 2440 County Road 39, Chelsea, AL 35043 (US).

(74) **NATH, Gary, M.**; Nath & Associates, 1030 15th Street, N.W., 6th Floor, Washington, DC 20005 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48860** (13) A1

(21) PCT/GB98/01080

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 9708692.0 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 27/00, A61K 35/36**

(54) • DERMAL SHEATH TISSUE IN WOUND HEALING
• TISSU DE GAINE DERMIQUE POUR LA CICATRISATION

(71) **UNIVERSITY OF DURHAM** [GB/GB]; South Road, Durham DH1 3LE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **JAHODA, Amanda, Jane** [GB/GB]; The Dept. of Biological Sciences, Science Laboratories, South Road, Durham DH1 3LE (GB). **JAHODA, Colin, Albert, Buchanan** [GB/GB]; The Dept. of Biological Sciences, Science Laboratories, South Road, Durham DH1 3LE (GB).

(74) **MARKGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 1AP (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48861** (13) A1

(21) PCT/KR97/00258

(22) **5 Dec/déc 1997 (05.12.1997)**

(25) en (26) en

(31) 1997/16481 (32) **26 Apr/avr 1997** (33) KR **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 27/00, A61F 2/28, A61C 8/00, 13/00**

(54) • MEDICAL IMPLANT
• IMPLANT MEDICAL

(71, 72) **LEE, Yong, Chan** [KR/KR]; 4–703 Hanshin Apt., Dogok–dong, Kangnam–ku, Seoul 135–270 (KR).

(74) **LEE, Jung, Hoon**; Shin–A Building, 4th, 5th & 6th floors, 39–1, Seosomun–dong, Chung–ku, Seoul 100–752 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48862** (13) A1

(21) PCT/SE98/00787

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9701647–1 (32) **30 Apr/avr 1997** (33) SE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 27/00, A61C 8/00, A61F 2/02, C23C 14/34**

(54) • CALCIUM–PHOSPHATE COATED IMPLANT ELEMENT
• ELEMENT D'IMPLANT REVETU PAR DU PHOSPHATE DE CALCIUM

(71) **NOBEL BIOCARE AB (publ)** [SE/SE]; P.O. Box 5190, S–402 26 Göteborg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HALL, Jan** [SE/SE]; Stabbegatan 2A, S–416 80 Göteborg (SE). **KROZER, Anatol** [SE/SE]; Klamparegatan 5, S–413 17 Göteborg (SE). **THOMSEN, Peter** [SE/SE]; Hängestensvägen 2, S–421 67 Västra Frölunda (SE).

(74) **OLSSON, Gunnar**; Nobel Biocare AB (publ), P.O. Box 5190, S–402 26 Göteborg (SE).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48863** (13) A1

(21) PCT/JP98/01838

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/123591 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61L 29/00**

(54) • BALLOON CATHETER
• SONDE A BALLONNET

(71) **NIPPON ZEON CO., LTD.** [JP/JP]; 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWABATA, Takashi** [JP/JP]; Nippon Zeon Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP). **UCHIYAMA, Masaru** [JP/JP]; R & D Center, Zeon Medical Inc., 2–1, Yako 1–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–0863 (JP). **SAKAI, Koichi** [JP/JP]; R & D Center, Zeon Medical Inc., 2–1, Yako 1–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–0863 (JP).

(74) **NISHIKAWA, Shigeaki**; Visual City 401, 43–8, Higashi–Nippori 3–chome, Arakawa–ku, Tokyo 116–0014 (JP).

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

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(11) **WO 98/48864** (13) A2

(21) PCT/ES98/00111

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) es (26) es

(31) U 9701151 (32) **28 Apr/avr 1997** (33) ES **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M**

(54) • SECURITY VALVE FOR A DRIP INFUSION EQUIPMENT FOR THE ADMINISTRATION OF PARENTERAL SOLUTIONS
• VALVE DE SECURITE POUR UN EQUIPEMENT DE TRANSFUSION GOUTTE–A–GOUTTE POUR L'ADMINISTRATION DE SOLUTIONS PARENTERALES

(71, 72) **BARRAL SALCEDO, José** [ES/ES]; República Argentina, 13–7º C, E–15701 Santiago de Compostela (ES).

(81) CA JP MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48865** (13) A2

(21) PCT/US98/05756

(22) **25 Mar/mar 1998 (25.03.1998)**

(25) en (26) en

(31) 08/823,064 (32) **31 Mar/mar 1997** (33) US **(31.03.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M**

(54) • INTRAVENOUS INFUSION SYSTEM
• SYSTEME DE PERFUSION INTRAVEINEUSE

(71) **INNOVATIVE DESIGN ASSOCIATES** [US/US]; 561 East Saddle River Road, Upper Saddle River, NJ 07458 (US).

(72) **HADZIC, Admir**; 561 East Saddle River Road, Upper Saddle River, NJ 07458 (US). **VLOKA, Jerry, Darius**; Apartment 26 N, 515 W. 59th Street, New York, NJ 10019 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 900, 135 S. LaSalle, Chicago, IL 60603 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48866** (13) A1

(21) PCT/US98/05664

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) en (26) en

(31) 08/840,685 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 1/36**

(54) • WEIGHT MEASUREMENT OF BLOOD VOLUME IN SOFT–SHELL VENOUS RESERVOIRS
• MESURE PONDERALE DU VOLUME SANGUIN DANS UN RECIPIENT VEINEUX A PAROI SOUPLE

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **VAN DRIEL, Michael, R.**; Apartment 147, 16425 Harbor Boulevard, Fountain Valley, CA 92708 (US). **GRAY, Darren, S.**; 3009 Northridge Drive, Grand Junction, CO 81506–1919 (US). **LAM, Victor, C., H.**; 2145 Malino Place, Honolulu, HI 96817 (US). **UYENO, Jill, E.**; 3225 Pali Highway, Honolulu, HI 96817 (US). **WONG, Yu–Tung**; 16891 Bolero Lane, Huntington Beach, CA 92649–3027 (US).

(74) **FORREST, Peter** et al. / etc.; Medtronic, Inc. MS301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

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

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(11) **WO 98/48867** (13) A1

(21) PCT/US98/05726

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) en (26) en

(31) 08/841,015 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 1/36**

(54) • OPTICAL DETECTION AND QUANTIFICATION OF MICROAIR IN BLOOD
• DETECTION ET QUANTIFICATION OPTIQUES DE BULLES D'AIR MICROSCOPIQUES DANS LE SANG

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **VAN DRIEL, Michael, R.**; Apartment Number 147, 16425 Harbor Boulevard, Fountain Valley, CA 92708 (US). **FLORES, Juan, Carlos**; 7718 Jaboneria Road, Bell Gardens, CA 90201 (US). **INGLE, Aaron, S.**; 1800 Carters Drive, Silver Spring, MD 20904 (US). **JORGE, Jeffery**; 9208 San Antonio Avenue North C., South Gate, CA 90280–2929 (US). **MEYER, Craig, R.**; 404 South Cecilia Avenue, Muncie, IN 47303 (US). **WONG, Yu–Tung**; 16891 Bolero Lane, Huntington Beach, CA 92649–3027 (US).

(74) **FORREST, Peter** et al. / etc.; Medtronic, Inc., 7000 Central Avenue Northeast, MS 301, Minneapolis, MN 55432 (US).

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

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(11) **WO 98/48868** (13) A1

(21) PCT/US98/05727

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) en (26) en

(31) 08/840,687 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 1/36**

(54) • ULTRASONIC BLOOD VOLUME MEASUREMENT SOFT–SHELL VENOUS RESERVOIR
• MESURE PAR ULTRASONS DU VOLUME SANGUIN D'UN RECIPIENT VEINEUX A PAROI SOUPLE

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **VAN DRIEL, Michael, R.**; Apartment 147, 16425 Harbor Boulevard, Fountain Valley, CA 92708 (US). **GRAY, Darren, S.**; 3009 Northridge Drive, Grand Junction, CO 81506–1919 (US). **LAM, Victor, C., H.**; 2145 Malino Place, Honolulu, HI 96817 (US). **NOSS, Amy, P.**; 4948 East Walnut Street, Westerville, OH 43081 (US). **UYENO, Jill, E.**; 3225 Pali Highway, Honolulu, HI 96817 (US). **WONG, Yu–Tung**; 16891 Bolero Lane, Huntington Beach, CA 92649–3027 (US).

(74) **FORREST, Peter** et al. / etc.; Medtronic, Inc., 7000 Central Avenue Northeast, MS301, Minneapolis, MN 55432 (US).

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

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(11) **WO 98/48869** (13) A1

(21) PCT/US98/07361

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) en (26) en

(31) 08/843,050 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 5/00**

(54) • SYRINGE PLUNGER ASSEMBLY AND BARREL

- ENSEMBLE PISTON ET CYLINDRE POUR SERINGUE

(71, 72) **SHAW, Thomas, J.** [US/US]; 1510 Hillcrest Drive, Little Elm, TX 75068 (US).

(74) **WATSON, Harry, J.** et al. / etc.; Locke Purnell Rain Harrell, Suite 2200, 2200 Ross Avenue, Dallas, TX 75201 (US).

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

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(11) **WO 98/48870** (13) A1

(21) PCT/US98/08385

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/841,165 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 5/00, 25/00**

(54)
- DUAL RADIAL TIP FOR AN INSERTION DEVICE
- POINTE BI–RADIALE POUR DISPOSITIF A INSERER

(71) **VADUS, INC.** [US/US]; 2323 Green Road, Ann Arbor, MI 48105 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPINKS, Thomas, L.** [US/US]; 6143 Pembridge Drive, Toledo, OH 43615 (US). **PIKE, Kevin, H.** [US/US]; 5945 Plum Hollow Drive #15, Ypsilanti, MI 48197 (US).

(74) **YOUNG, Richard, W.**; Gardner, Carton & Douglas, Suite 3300, 321 North Clark, Chicago, IL 60610–4795 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48871** (13) A1

(21) PCT/JP98/01908

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/122976 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 5/178**

(54)
- SYRINGE
- SERINGUE

(71, 72) **SAITO, Yoshikuni** [JP/JP]; 1930, Ooaza Kitanogami, Kurobanemachi, Nasu–gun, Tochigi 324–0231 (JP).

(74) **ARAI, Nobuaki**; Daini–Futaba Building, No. 101, Shiba 5–13–11, Minato–ku, Tokyo 108–0014 (JP).

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

Published / Publiée : *(c)*

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(11) **WO 98/48872** (13) A1

(21) PCT/US98/07946

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/840,712 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 5/178**

(54)
- ASEPTIC FEMALE CONNECTOR
- RACCORD FEMELLE ASEPTIQUE

(71) **MEDISYSTEMS TECHNOLOGY CORPORATION** [US/US]; Suite 1100, Bank of America Plaza, 300 South Fourth Street, Las Vegas, NV 89101 (US).

(72) **UTTERBERG, David, S.**; 2033 First Avenue #3, Seattle, WA 98121 (US).

(74) **ELLIS, Garrettson**; Gerstman, Ellis & McMillin, Ltd., Suite 2010, 2 N. LaSalle Street, Chicago, IL 60602 (US).

(81) AU CA CN JP KR MX RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/48873** (13) A1

(21) PCT/US98/08238

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,243 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 11/00, 15/00, 16/00, A62B 7/00**

(54)
- DEVICE FOR ADMINISTERING INSULIN IN CONTROLLED DOSAGES BY CONTROLLING TOTAL INHALED VOLUME
- DISPOSITIF D'ADMINISTRATION DE DOSES REGULEES D'INSULINE PAR MAITRISE DU VOLUME INHALE TOTAL

(71) **ARADIGM CORPORATION** [US/US]; 26219 Eden Landing Road, Hayward, CA 94545 (US).

(72) **GONDA, Igor**; 2351 Larkin Street, San Francisco, CA 94109 (US). **RUBSAMEN, Reid, M.**; 240 Caldecott Lane #318, Oakland, CA 94618 (US). **FARR, Stephen, J.**; 12 Robert Road, Orinda, CA 94563 (US).

(74) **BOZICEVIC, Karl**; Bozicevic & Reed LLP, Suite 200, 285 Hamilton Avenue, Palo Alto, CA 94301 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/48874** (13) A1

(21) PCT/US98/09181

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,401 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 11/00, 16/00, A62B 9/00, 27/00, B67D 5/06, 5/08, 5/22, 5/38, G01D 21/00, G01K 1/02**

(54)
- MEDICAL INHALER WITH THERMOCHROMIC GAUGE
- INHALATEUR MEDICAL A DETECTEUR THERMOCHROMIQUE

(71, 72) **KUHL, Thomas, M.** [US/US]; 15621 Heywood Way, St. Paul, MN 55124–7153 (US).

(74) **HOSTENY, Joseph, N.** et al. / etc.; Niro, Scavone, Haller & Niro, Suite 4600, 181 W. Madison, Chicago, IL 60062 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48875** (13) A1

(21) PCT/US98/08372

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,132 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 15/00, A61K 33/14**

(54)
- METHOD OF DELIVERING HALOTHERAPY
- PROCEDE APPLICABLE A L'ADMINISTRATION DE TRAITEMENT HALOTHERAPEUTIQUE

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

(72) **VINOGRADOV, Valentin, Antonovich**; Apartment 38, Khoroshevskoye Shosse, 34, Moscow, 123007 (RU). **DIRKSING, Robert, Stanley**; 7188 Wyandotte Drive, Cincinnati, OH 45233 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48876** (13) A1

(21) PCT/US98/05573

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) en (26) en

(31) 60/045,080 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 15/08**

(54) • NASAL CANNULA
• CANULE NASALE

(71) **SALTERS LABS** [US/US]; 100 W. Sycamore Road, Arvin, CA 93203 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CURTI, James, Noah** [US/US]; 3709 Halford Court, Bakersfield, CA 93309 (US). **CHUA, James** [US/US]; 20400 Park, Tehachapi, CA 93561 (US). **SALTER, Peter, W.** [US/US]; 26908 Columbia Way, Tehachapi, CA 93561 (US).

(74) **BERKSTRESSER, Jerry, W.**; Shoemaker and Mattare, Ltd., Suite 1203, 2001 Jefferson Davis Highway, Arlington, VA 22202 (US).

(81) BR CA FI JP MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48877** (13) A1

(21) PCT/CA97/00515

(22) **17 Jul/juil 1997 (17.07.1997)**

(25) en (26) en

(31) 08/848,295 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 16/00, A61B 5/042, 5/0488**

(54) • INSPIRATORY PROPORTIONAL PRESSURE ASSIST VENTILATION CONTROLLED BY A DIAPHRAGM ELECTROMYOGRAPHIC SIGNAL
• APPAREIL D'ASSISTANCE A VENTILATION ARTIFICIELLE PERMETTANT D'OBTENIR UNE PRESSION INSPIRATOIRE CONTINUE ET COMMANDE PAR UN SIGNAL ELECTROMYOGRAPHIQUE DU DIAPHRAGME

(71, 72) **GRASSINO, Alejandro** [CA/CA]; 56 Summit Circle, Westmount, Quebec H3Y 1B3 (CA). **SINDERBY, Christer** [SE/SE]; 981 Napoléon, Montreal, Quebec H2I 1C6 (CA). **FRIBERG, Sven** [SE/SE]; Smedsbacken 4, S–431 39 Molndal (SE). **LINDSTROM, Lars** [SE/SE]; Lekevallsgatan 46, S–431 69 Molndal (SE).

(74) **DUBUC, Jean, H.** et al. / etc.; Goudreau Gage Dubuc & Martineau Walker, The Stock Exchange Tower, Suite 3400, 800 Place Victoria, P.O. Box 242, Montreal, Quebec H4Z 1E9 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48878** (13) A2

(21) PCT/DE98/01161

(22) **25 Apr/avr 1998 (25.04.1998)**

(25) de (26) de

(31) 197 18 101.5 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 16/00, 16/08, 25/02**

(54) • BREATHING MASK
• MASQUE RESPIRATOIRE

(71, 72) **MORGENSTERN, Jürgen** [DE/DE]; In der Rehwiese 11, D–40629 Düsseldorf (DE). **HAUSHALTER, Georg** [DE/DE]; Johannstrasse 32, D–45899 Gelsenkirchen (DE).

(74) **BAUER, Wulf**; Bayenthalgürtel 15, D–50968 Köln (DE).

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

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(11) **WO 98/48879** (13) A1

(21) PCT/US98/08353

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/848,592 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 25/00, B29C 41/00, 41/08, A61M 25/10, 29/02**

(54) • BALLOON FORMATION BY VACUUM DEPOSITION
• FORMATION DE BALLONNETS PAR DEPOT SOUS VIDE

(71) **ADVANCED CARDIOVASCULAR SYSTEMS, INC.** [US/US]; 3200 Lakeside Drive, P.O. Box 58167, Santa Clara, CA 95052–8167 (US).

(72) **YAN, John, Yeu, Jiun**; 128 Anne Way, Los Gatos, CA 95032 (US).

(74) **LYNCH, Edward, J.**; Heller, Ehrman, White & McAuliffe, 525 University Avenue, Palo Alto, CA 94301–1900 (US) et al. / etc.

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

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(11) **WO 98/48880** (13) A1

(21) PCT/US98/08413

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,806 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 25/00, 25/01, 25/02, 25/04**

(54) • REPOSITIONABLE MEDICAL LEAD ANCHOR WITH LOCKING DEVICE
• ANCRAGE A DISPOSITIF DE VERROUILLAGE POUR CONDUCTEUR MEDICAL REPOSITIONNABLE

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue, N.E., Minneapolis, MN 55432 (US).

(72) **CROSS, Thomas, E., Jr.**; 23810 Nightingale Street, St. Francis, MN 55070 (US).

(74) **BUROW, Scott, A.**; Banner & Witcoff, Ltd., Suite 3000, 10 S. Wacker Drive, Chicago, IL 60606 (US).

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

Published / Publiée : *(a)*

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(11) **WO 98/48881** (13) A1

(21) PCT/US98/08653

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/841,344 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 25/00**

(54) • METHOD FOR TRANSVENOUSLY ACCESSING THE PERICARDIAL SPACE VIA THE RIGHT ATRIUM
• PROCEDE D'ACCES TRANSVEINEUX A L'ESPACE PERICARDIQUE VIA L'OREILLETTE DROITE

(71) **BETH ISRAEL DEACONESS MEDICAL CENTER, INC.** [US/US]; 330 Brookline Avenue, Boston, MA 02215 (US).

(72) **WAXMAN, Sergio**; 1925 Commonwealth Avenue #615, Brighton, MA 02135 (US). **VERRIER, Richard, L.**; 84 Hillside Road, Wellesley Hills, MA 02181 (US).

(74) **RAY, Michael, B.** 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) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48882** (13) A1

(21) PCT/US98/08836

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,426 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 25/00, 31/00**

(54) • LIGHT DELIVERY CATHETER AND METHOD FOR THE USE THEREOF
• CATHETER PROJECTEUR DE LUMIERE ET SON PROCEDE D'UTILISATION

(71) **LATIS, INC.** [US/US]; Suite 1350, 100 Front Street, W. Conshohocken, PA 19428 (US).

(72) **GREGORY, Kenton, W.**; 3969 S.W. Wapato Avenue, Portland, OR 97201 (US). **RYDELL, Mark, Anders**; 516 Turnpike Road, Golden Valley, MN 55416 (US). **ZIEBOL, Robert**; 13041 Jefferson Street, N.E. Blain, MN 55434 (US). **PORTER, Christopher, H.**; 19756 North East 127th Place, Woodenville, WA 98072 (US).

(74) **KRANSDORF, Ronald, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48883** (13) A1

(21) PCT/IT98/00111

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) BO97A000261 (32) **30 Apr/avr 1997** (33) IT **(30.04.1997)**

(31) BO98A000038 (32) **30 Jan/jan 1998** (33) IT **(30.01.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 25/06**

(54) • INTRAVENOUS INFUSION DEVICE
• DISPOSITIF DE PERFUSION INTRAVEINEUSE

(71) **BRAGAGLIA, Michela** (heiress of the deceased inventor / héritière de l'inventeur décédé) [IT/IT]; Via dei Sette Leoncini, 7, I–40141 Bologna (IT). *(only for / seulement pour US)*

(71, 72) **BRAGAGLIA, Michela** [IT/IT]; Via dei Sette Leoncini, 7, I–40141 Bologna (IT).

(72) **BRAGAGLIA, Giorgio** (deceased / décédé).

(74) **JORIO, Paolo** et al. / etc.; Studio Torta S.r.l., Via Viotti, 9, I–10121 Torino (IT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48884** (13) A2

(21) PCT/US98/08749

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,666 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 25/10**

(54) • AORTIC ARCH OCCLUSION AND PERFUSION BALLOON CATHETER HAVING PRESSURE PORTS
• CATHETER A BALLONNET POUR OCCLUSION DE LA CROSSE AORTIQUE ET POUR INJECTION DOTE D'ORIFICES DE PRESSION

(71) **CHASE MEDICAL INC.** [US/US]; 1876 Firman Drive, Richardson, TX 75081 (US).

(72) **DAVIS, Albert**; 304 Arborcrest, Richardson, TX 75080 (US). **LLOYD, Wendel**; 10311 Longmeadow, Dallas, TX 75080 (US). **DRAPER, Christina**; 9696 Walnut Street 1408, Dallas, TX 75243 (US). **SURESH, Mitta**; 3201 Tam O'Shanter, Richardson, TX 75080 (US). **HERNON, David**; 7 Creekwood Circle, Richardson, TX 75080 (US). **BRYANT, Richard, C.**; 9696 Walnut Street 1408, Dallas, TX 75243 (US).

(74) **KLINGER, Robert, C.**; Klinger and Navarro, L.L.P., Suite 655, 801 E. Campbell Road, Richardson, TX 75081 (US).

(81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48885** (13) A1

(21) PCT/US98/08914

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,426 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61M 31/00, A61N 1/30**

(54) • ENERGY DELIVERY OF CATHETER AND METHOD FOR THE USE THEREOF
• CATHETER DE DISTRIBUTION D'ENERGIE ET SON PROCEDE D'UTILISATION

(71) **SISTERS OF PROVIDENCE IN OREGON** [US/US]; 520 Pike Street, P.O. Box 11038, Seattle, WA 98111 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(71, 72) **GREGORY, Kenton, W.** [US/US]; 3969 S.W. Wapato Avenue, Portland, OR 97201 (US).

(74) **SCHAFFER, Scott, A.** et al. / etc.; Marger, Johnson, McCollom & Stolowitz, P.C., 1030 S.W. Morrison Street, Portland, OR 97205 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48886** (13) A2

(21) PCT/EP98/02431

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 297 07 534.9 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(31) 297 07 535.7 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(31) 297 10 754.2 (32) **19 Jun/juin 1997 (19.06.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N**

(54) • STIMULATION OF NON CONVENTIONAL BODY–ENDOGENOUS LIGHT FOR IT TO INTERFERE, INCLUDING FOR MEDICAL/THERAPEUTIC PURPOSES
• SYSTEME D'EXCITATION DE LA LUMIERE NON CONVENTIONELLE ENDOGENE A L'ORGANISME POUR LA FAIRE AGIR, NOTAMMENT A DES FINS MEDICALES/THERAPEUTIQUES

(71, 72) **COSTA DOS SANTOS, Paulo de Tarso** [PT/DE]; Theresienstrasse 15, D–80333 München (DE).

(81) AT BR CH CN DE GB JP KR NO SE US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48887** (13) A1

(21) PCT/US98/05110

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/840,691 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/05**

(54) • INTRACARDIAC DEFIBRILLATION SYSTEM
• SYSTEME DE DEFIBRILLATION INTRACARDIAQUE

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **WILLIAMS, Terrell, M.**; 9308 West River Road, Brooklyn Park, MN 55444 (US). **MULIER, Peter, M., J.**; 8140 Lake Elmo Avenue, Stillwater, MN 55082 (US). **KEIMEL, John, G.**; 1888 9th Street, N.W., New Brighton, MN 55112 (US). **LASKE, Timothy, G.**; 5820 Evergreen Lane, Shoreview, MN 55126 (US). **BOSER, Gregory, A.**; 7313 Emerson Avenue South, Richfield, MN 55423 (US). **MORRIS, Mary, M.**; 2917 Woodale Drive, Moundsview, MN 55112 (US). **MIN, Xiaoyi**; 16800 19th Avenue North, Plymouth, MN 55447 (US).

(74) **DUTHLER, Reed, A.** et al. / etc.; Medtronic, Inc. MS301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48888** (13) A1

(21) PCT/US98/08613

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/847,651 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/34**

(54) • DUAL CHANNEL IMPLANTATION NEUROSTIMULATION TECHNIQUES
• TECHNIQUES DE NEUROSTIMULATION PAR IMPLANTATION DE DEUX CANAUX

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue, N.E., Minneapolis, MN 55432 (US).

(72) **STARKEBAUM, Warren**; 4230 Trenton Lane, Plymouth, MN 55441 (US). **RISE, Mark, T.**; 7745 Aetna Avenue, N.E., Monticello, MN 55432 (US). **STEIN, Marc, T.**; 2462 W. Binner Circle, Chandler, AZ 85224 (US). **HALL, Donald, L.**; 6553 E. Palm Street, Mesa, AZ 85215 (US).

(74) **MEECE, Timothy, C.**; Banner & Witcoff, Ltd., Suite 3000, 10 S. Wacker Drive, Chicago, IL 60606 (US).

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

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(11) **WO 98/48889** (13) A1

(21) PCT/US98/05847

(22) **25 Mar/mar 1998 (25.03.1998)**

(25) en (26) en

(31) 08/846,783 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/36**

(54) • METHOD AND APPARATUS FOR SENSING AND STIMULATING GASTROINTESTINAL TRACT ON–DEMAND
• PROCEDE ET APPAREIL DE DETECTION ET DE STIMULATION DU TRACTUS DIGESTIF SUR DEMANDE

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FAMILONI, Babajide, O.** [NG/US]; 8259 Weatherwood Lane, Cordova, TN 38018 (US).

(74) **JARO, Michael, J.** et al. / etc.; Medtronic, Inc., 7000 Central Avenue Northeast, MS301, Minneapolis, MN 55432 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48890** (13) A1

(21) PCT/US98/06831

(22) **6 Apr/avr 1998 (06.04.1998)**

(25) en (26) en

(31) 08/846,786 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/36**

(54) • METHOD AND APPARATUS FOR ELECTRICAL STIMULATION OF THE GASTROINTESTINAL TRACT
• PROCEDE ET DISPOSITIF DE STIMULATION ELECTRIQUE DU TRACTUS GASTRO–INTESTINAL

(63) US 08/846,786 (CON) 30 Apr/avr 1997 (30.04.1997)

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BOURGEOIS, Ivan** [BE/BE]; Rue Jean Gome 9, B–4802 Verviers (BE).

(74) **JARO, Michael, J.** et al. / etc.; Medtronic, Inc. MS301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48891** (13) A1

(21) PCT/US98/07674

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 60/045,212 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 08/947,256 (32) **8 Oct/oct 1997 (08.10.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/362, 1/39**

(54) • APPARATUS AND METHOD FOR TREATING VENTRICULAR TACHYARRHYTHMIAS
• APPAREIL ET PROCEDE POUR TRAITER LES TACHYARYTHMIES VENTRICULAIRES

(63) US 60/045,212 (CIP) 30 Apr/avr 1997 (30.04.1997)
US 08/947,256 (CIP) 8 Oct/oct 1997 (08.10.1997)

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue North, St. Paul, MN 55112 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRIG, David, B.** [US/US]; 3025 – 83rd Lane North, Brooklyn Park, MN 55444 (US). **GILKERSON, James, O.** [US/US]; 10800 Kelvin Avenue North, Stillwater, MN 55082 (US). **DREHER, Robert, D.** [US/US]; 3055 Woodbridge Street, Roseville, MN 55113 (US). **WALD, Jan, D.** [US/US]; 6308 Concord Avenue, Edina, MN 55424 (US). **LINDER, William, J.** [US/US]; 2640 Kyle Avenue North, Golden Valley, MN 55422 (US). **ZIMMER, William, L.** [US/US]; 3111 Avon Street, Roseville, MN 55113 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

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(11) **WO 98/48892** (13) A1

(21) PCT/US98/07762

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/847,913 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/362, 1/365**

(54) • ADAPTIVE MODE SWITCHING WITH HYSTERESIS IN A RATE–ADAPTIVE PACEMAKER
• COMMUTATION DE MODE ADAPTATIVE AVEC HYSTERESE POUR STIMULATEUR CARDIAQUE A ADAPTATION DU RYTHME

(71) **SULZER INTERMEDICS INC.** [US/US]; 4000 Technology Drive, Angleton, TX 77515 (US).

(72) **BREWER, Maurice, A.**; 16023 Greenwoods Pine Drive, Houston, TX 77062 (US).

(74) **MERKLING, John, R.**; Sulzer Medica USA Inc., 4000 Technology Drive, Angleton, TX 77515 (US).

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

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(11) **WO 98/48893** (13) A1

(21) PCT/US98/08322

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/841,064 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/37**

(54) • MICROPROCESSOR CAPTURE DETECTION CIRCUIT AND METHOD
• PROCEDE ET CIRCUIT DE DETECTION DE CAPTURE PAR MICROPROCESSEUR

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **HEMMING, Michael, T.**; 17015 Wellington Drive, Parker, CO 80134 (US). **PECK, Bradley, C.**; 428 148th Lane N.E., Ham Lake, MN 55304 (US). **BLOW, Brian, A.**; 16922 80th Place N., Maple Grove, MN 55369 (US). **MORRISON, Scott, M.**; 2188 Hydram Avenue N., Oakdale, MN 55014 (US). **SCHUELKE, Robert, J.**; 17166 Harrington Way, Lakeville, MN 55044 (US).

(74) **WOODS, Thomas, F.** et al. / etc.; Medtronic, Inc. MS301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48894** (13) A1

(21) PCT/US98/08518

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/841,095 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/37**

(54) • CAPTURE DETECTION CIRCUIT AND METHOD
• CIRCUIT ET PROCEDE DE DETECTION DE CAPTATION

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **PECK, Bradley, C.**; 428 148th Lane N.E., Ham Lake, MN 55304 (US). **BLOW, Brian, A.**; 16922 80th Place N., Maple Grove, MN 55311 (US). **MORRISON, Scott, M.**; 2188 Hydram Avenue N., Oakdale, MN 55128 (US). **HEMMING, Michael, T.**; 17015 Wellington Drive, Parker, CO 80134 (US). **SCHUELKE, Robert, J.**; 17166 Harrington Way, Lakeville, MN 55044 (US).

(74) **WOODS, Thomas, F.** et al. / etc.; Medtronic, Inc., 7000 Central Avenue Northeast, MS 301, Minneapolis, MN 55432 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48895** (13) A1

(21) PCT/US98/07834

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/841,709 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/372**

(54) • IMPLANTABLE MEDICAL DEVICE AND METHOD OF MANUFACTURE
• DISPOSITIF MEDICAL IMPLANTABLE ET PROCEDE DE FABRICATION

(63) US 08/841,709 (CON) 30 Apr/avr 1997 (30.04.1997)

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DONDERS, Andrianus, P.** [NL/US]; 15089 Crane Street, N.W., Andover, MN 55305 (US). **RYAN, Terence, G.** [US/US]; 7 Chinook Court, Palm Coast, FL 32137 (US). **WEIJAND, Koen, J.** [NL/NL]; Hommerterweg 217, NL–6431 EV Hoensbroek (NL). **WIKLUND, Craig, L.** [US/US]; 9943 Wentworth Avenue South, Minneapolis, MN 55420 (US).

(74) **JARO, Michael, J.** et al. / etc.; Medtronic, Inc., MS301, 7000 Central Avenue Northeast, Minneapolis, MN 55432 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48896** (13) A1

(21) PCT/US98/05109

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/846,008 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/375, H01R 13/52**

(54) • MEDICAL LEAD CONNECTOR SYSTEM
• SYSTEME DE BRANCHEMENT D'UNE DERIVATION MEDICALE

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **BISCHOFF, Thomas, C.**; 4008 45th Avenue South, Minneapolis, MN 55406 (US). **BONNER, Matthew, D.**; 2050 Black Oaks Lane North, Plymouth, MN 55447 (US). **LASKE, Timothy, G.**; 5820 Evergreen Lane, Shoreview, MN 55126 (US). **RIES, Andrew, J.**; 3949 88th Avenue Northeast, Circle Pines, MN 55014 (US). **SOMMER, John, L.**; 12788 Ibis Street, Coon Rapids, MN 55448 (US).

(74) **DUTHLER, Reed, A.** et al. / etc.; Medtronic, Inc., 7000 Central Avenue Northeast, Mail Stop 301, Minneapolis, MN 55432 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48897** (13) A1

(21) PCT/US98/08389

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,193 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 1/375, H01R 11/22**

(54) • MEDICAL LEAD ADAPTOR
• ADAPTATEUR DE CONDUCTEUR ELECTRIQUE MEDICAL

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue Northeast, Minneapolis, MN 55432 (US).

(72) **WERNER, Robert, L.**; 2745 Meadow Place, Minnetonka, MN 55305 (US). **WINKLER, Thomas, J.**; 29468 Palm Street, N.W., Isanti, MN 55040 (US). **GRAVLIN, Ray**; 12010 Kimquat Street, N.W., Coon Rapids, MN 55448 (US).

(74) **WOODS, Thomas, F.** et al. / etc.; Medtronic, Inc., 7000 Central Avenue Northeast, MS301, Minneapolis, MN 55432 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48898** (13) A1

(21) PCT/US98/07631

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,472 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 5/00**

(54) • DYNAMIC TABLE/SHIELD APPARATUS AND METHOD OF USING SAME IN MOVING–TABLE TOTAL BODY IRRADIATION TREATMENT
• APPAREIL A ECRAN DE BLINDAGE/TABLE DYNAMIQUE ET PROCEDE D'UTILISATION DE CET APPAREIL DANS UN TRAITEMENT D'IRRADIATION TOTALE DU CORPS A TABLE MOBILE

(71) **ADVANCED RESEARCH & TECHNOLOGY INSTITUTE** [US/US]; 501 North Morton Street, Bloomington, IN 47404 (US).

(72) **MONTEBELLO, Joseph, F.**; 10241 East Thompson Road, Indianapolis, IN 46239 (US). **PAPIEZ, Lech, S.**; 6940 Bluffgrove Lane, Indianapolis, IN 46278 (US).

(74) **DEPAOLI, George, A.** et al. / etc.; Suite 1103, 2231 Crystal Drive, Arlington, VA 22202 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48899** (13) A2

(21) PCT/US98/08557

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,368 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A61N 5/10**

(54) • MINIATURE X–RAY UNIT
• APPAREIL A RAYONS X MINIATURE

(71) **NEWTON SCIENTIFIC, INC.** [US/US]; 245 Bent Street, Cambridge, MA 02141 (US).

(72) **SHEFER, Ruth**; 218 Beethoven Avenue, Newton, MA 02168 (US). **KLINKOWSTEIN, Robert, E.**; 7 Red Coach Lane, Winchester, MA 01890 (US). **HUGHEY, Barbara, J.**; 3 Eliot Road, Lexington, MA 02173 (US).

(74) **CONNORS, Matthew, E.** et al. / etc.; Samuels, Gauthier, Stevens & Reppert, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

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

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(11) **WO 98/48900** (13) A1

(21) PCT/GB98/01175

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 9708578.1 (32) **26 Apr/avr 1997** (33) GB **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A62B 9/00**

(54) • ELECTRONIC DISPLAY SYSTEM
• SYSTEME D'AFFICHAGE ELECTRONIQUE

(71, 72) **DARLING, Anthony** [GB/GB]; 5 Broomlee, Ashington, Northumberland NE63 9NT (GB).

(74) **SANDERSON, Michael, John** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48901** (13) A1

(21) PCT/EP98/02541

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 18 373.5 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(31) 197 50 546.5 (32) **14 Nov/nov 1997** (33) DE **(14.11.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A62D 3/00, B01D 53/86**

(54) • PROCESS FOR DECOMPOSING HALOGENATED HYDROCARBONS
• PROCEDE POUR DECOMPOSER DES HYDROCARBURES HALOGENES

(71, 72) **WEDLICH, Patric** [DE/DE]; Am Wingert 46, D–63773 Goldbach (DE). **RAUSCH, Andreas** [DE/DE]; An den Seen 18a, D–63773 Goldbach (DE).

(74) **KRUSPIG, Volkmar** et al. / etc.; Meissner, Bolte & Partner, Postfach 86 06 24, D–81633 München (DE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48902** (13) A2

(21) PCT/US98/07706

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/841,123 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63B**

(54) • STATIONARY EXERCISE APPARATUS WITH ADJUSTABLE CRANK
• APPAREIL D'EXERCICE FIXE DOTE D'UNE BIELLE REGLABLE

(71) **CCS FITNESS, INC.** [US/US]; 660 Compton Street, Broomfield, CO 80020 (US).

(72) **RODGERS, Robert, E., Jr.**; 8011 Meadowcroft, Houston, TX 77063 (US).

(74) **POLUMBUS, Gary, M.**; Dorsey & Whitney LLP, Suite 4400, 370 Seventeenth Street, Denver, CO 80202–5644 (US) et al. / etc.

(81) AU BR CA CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48903** (13) A1

(21) PCT/US98/08546

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,076 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 09/063,882 (32) **22 Apr/avr 1998 (22.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63B 21/06**

(54) • EXERCISE THROWING GLOVE
• GANT D'ENTRAINEMENT AU LANCER

(71, 72) **NESMITH, Chris, E.** [US/US]; 3540 Berkley Hills Drive S., Southside, AL 35907 (US).

(74) **LITMAN, Richard, C.**; Litman Law Offices, Ltd., Crystal City Station, P.O. Box 15035, Arlington, VA 22215–0035 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48904** (13) A1

(21) PCT/DK98/00169

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) da (26) en

(31) 0475/97 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DK

(31) 0477/97 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DK

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63B 23/20**

(54) • VAGINAL WEIGHT AND SET OF VAGINAL WEIGHTS
• POIDS VAGINAL ET ENSEMBLE DE POIDS VAGINAUX

(71) **INMEDICO APS** [DK/DK]; Grenåvej 530, DK–8250 Egå (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EBDRUP, Lise** [DK/DK]; Kantorvænget 6, Lejl. 126, DK–8240 Risskov (DK). **AXELGAARD, Jens** [DK/US]; 811 Tumble Weed Lane, Fallbrook, CA 92028–9447 (US). **PEDERSEN, Jan, Bredgaard** [DK/DK]; Skelagervej 176 C, DK–8200 Århus N. (DK).

(74) **HOFMAN–BANG & BOUTARD, LEHMANN & REE A/S**; Ryesgade 3, P.O. Boks 367, DK–8100 Århus C (DK).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48905** (13) A1

(21) PCT/CA98/00410

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/848,667 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63B 33/00**

(54) • SWIM GOGGLES WITH SOFT FRAMES
• LUNETTES DE NATATION A MONTURE SOUPLE

(71) **SHARP PLASTICS MANUFACTURING LTD.** [CA/CA]; 7880 Vantage Way, Delta, British Columbia V4G 1A7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASLBECK, Joseph** [CA/CA]; 60 Bonnymuir Place, West Vancouver, British Columbia V75 1K9 (CA).

(74) **WOOD, Brian, J.** et al. / etc.; Fetherstonhaugh & Co., Suite 2200, Vancouver Centre, 650 West Georgia Street, Box 11560, Vancouver, British Columbia V6B 4N8 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48906** (13) A1

(21) PCT/IB98/00767

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,093 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63B 53/06, 53/02**

(54) • GOLF CLUB WITH AN ADJUSTABLE CLUBHEAD
• CLUB DE GOLF A TETE REGLABLE

(71, 72) **POP, Peter, L.** [RO/CA]; 9631 Alcott Road, S.E., Calgary, Alberta T2J 0T7 (CA).

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

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(11) **WO 98/48907** (13) A1

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(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 962/97 (32) **25 Apr/avr 1997 (25.04.1997)** (33) CH

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63C 5/075, 9/00**

(54) • SYSTEM FOR CONNECTING A DEVICE FOR SLIDING ON SNOW TO THE USER'S BINDING
• SYSTEME POUR RELIER UN DISPOSITIF DE GLISSE SUR LA NEIGE A LA FIXATION DE L'UTILISATEUR

(71) **SPORTUL GMBH** [CH/CH]; Pfannenstielstrasse 3, CH–8132 Egg (CH).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GUBLER, Daniel** [CH/CH]; Grossried 2, CH–2565 Jens (CH). **RAMSAUER, Markus** [CH/CH]; Pfannenstielstrasse 3, CH–8132 Egg (CH).

(81) CA JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48908** (13) A1

(21) PCT/US98/08246

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/045,079 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 08/886,209 (32) **1 Jul/juil 1997 (01.07.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63C 5/14**

(54) • SKI CONSTRUCTION
• STRUCTURE DE SKI

(71, 72) **HOWE, John, G.** [US/US]; McIntire Road, Box 2460, North Waterford, ME 04267 (US).

(74) **JOYCE, Kevin, E.** et al. / etc.; Cushman, Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

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

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(11) **WO 98/48909** (13) A1

(21) PCT/FR98/00683

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) fr (26) fr

(31) 97/05125 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63C 17/06**

(54) • IN–LINE ROLLER SKATE
• PATIN A ROULETTES EN LIGNE

(71) **ROLSOFT** [FR/FR]; 130, rue de Tocqueville, F–75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLOT, Gérard, Claude** [FR/FR]; 130, rue de Tocqueville, F–75017 Paris (FR).

(74) **CABINET DE BOISSE**; L.A. de Boisse – J.P. Colas, 37, avenue Franklin D. Roosevelt, F–75008 Paris (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48910** (13) A1

(21) PCT/EP98/02514

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 18 179.1 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63D 5/08**

(54) • BOWLING BALL/PIN CONVEYOR
• DISPOSITIF DE TRANSPORT DE BOULES ET DE QUILLES DE JEU DE QUILLES

(71) **HÜHNE, Margarete** [DE/DE]; Waldstrasse 17a, D–46487 Wesel (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HÜHNE, Siegmar** [DE/DE]; Waldstrasse 17a, D–46487 Wesel (DE).

(74) **RUSCHKE, Hans, E.**; Ruschke Hartmann Becker, Pienzenauerstrasse 2, D–81679 München (DE).

(81) AU BG BR CA CN CZ DE HU JP KR NO NZ PL RU SK UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48911** (13) A1

(21) PCT/GB98/01087

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 9708660.7 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63H 3/02**

(54) • ANTI–ALLERGENIC SOFT TOYS
• JOUETS MOUS ANTIALLERGENES

(71) **RICHARD HUDSON HOLDINGS LIMITED** [GB/GB]; 3 The Courtyard, Ashley Road, Hale, Altrincham, Cheshire WA14 3NG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAW, John, Richard, Dudley** [GB/GB]; Oak Ridge Farm, Carr Lane, Alderley Edge, Cheshire SK9 7SL (GB).

(74) **HILL, Richard** et al. / etc.; Wilson Gunn M'Caw, 41–51 Royal Exchange, Cross Street, Manchester M2 7BD (GB).

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

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(11) **WO 98/48912** (13) A1

(21) PCT/US98/07818

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 08/845,779 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **A63J 5/02**

(54) • FILM AND LIVE ACTION THEATER
• THEATRE PRESENTANT UN FILM AVEC ELEMENTS DE JEU REELS

(71) **UNIVERSAL STUDIOS, INC.** [US/US]; Building 488, 7th floor, 100 Universal City Plaza, Universal City, CA 91608 (US).

(72) **CORBIN, Harry, C.**; 1000 Universal Studios Plaza, Orlando, FL 32819 (US). **CROSSLEY, Jim**; 539 Temple Hill Road, New Windsor, NY 12553 (US). **DROBNIS, Nicholas, H.**; 100 Universal City Plaza, Universal City, CA 91608 (US). **GALLO, Fred, Jr.**; 268 Trinity Pass, Poundridge, NY 10576 (US). **LEHNER, James, M.**; 539 Temple Hill Road, New Windsor, NY 12553 (US). **LARGMAN, Harry, E.**; 7668 Holly Oak Court, Orlando, FL 32819 (US). **LEISNER, John**; 100 Universal City Plaza, Universal City, CA 91608 (US). **MASI, Frank**; 2664 Glendower Avenue, Los Angeles, CA 90027 (US). **NEWQUIST, Edward, S.**; 1616 Country Club Drive, Glendale, CA 91208 (US).

(74) **OHRINER, Kenneth, H.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (US).

(81) BR CN JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48913** (13) A1

(21) PCT/US98/08388

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/044,856 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) 60/059,636 (32) **23 Sep/sep 1997** (33) US **(23.09.1997)**

(31) 60/062,321 (32) **17 Oct/oct 1997** (33) US **(17.10.1997)**

(31) 60/063,628 (32) **27 Oct/oct 1997** (33) US **(27.10.1997)**

(31) 60/067,679 (32) **5 Dec/déc 1997** (33) US **(05.12.1997)**

(31) 60/077,875 (32) **13 Mar/mar 1998** (33) US **(13.03.1998)**

(31) 09/058,580 (32) **10 Apr/avr 1998** (33) US **(10.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 15/00, 15/08, C12Q 1/68, C08F 112/08, C07H 19/00**

(54) • POLYNUCLEOTIDE SEPARATIONS ON NONPOROUS POLYMER BEADS
• SEPARATIONS DE POLYNUCLEOTIDES SUR DES BILLES DE POLYMERES NON POREUSES

(71) **TRANSGENOMIC, INC.** [US/US]; 2032 Concourse Drive, San Jose, CA 95110 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GJERDE, Douglas, T.** [US/US]; 12995 Woodside Drive, Saratoga, CA 95070 (US). **HAEFELE, Robert, M.** [US/US]; (US). **TAYLOR, Paul, D.** [US/US]; 248 Hawthorne Avenue, Palo Alto, CA 94301 (US).

(74) **WALKER, William, B.**; Enterprise Law Group, Inc., Suite 280, 4400 Bohannon Drive, Menlo Park, CA 94025 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48914** (13) A1

(21) PCT/US98/08293

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,856 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) 60/055,456 (32) **11 Aug/août 1997** (33) US **(11.08.1997)**

(31) 60/059,527 (32) **22 Sep/sep 1997** (33) US **(22.09.1997)**

(31) 60/062,123 (32) **15 Oct/oct 1997** (33) US **(15.10.1997)**

(31) 60/062,303 (32) **17 Oct/oct 1997** (33) US **(17.10.1997)**

(31) 60/063,619 (32) **27 Oct/oct 1997** (33) US **(27.10.1997)**

(31) 60/069,313 (32) **5 Dec/déc 1997** (33) US **(05.12.1997)**

(31) 60/077,998 (32) **13 Mar/mar 1998** (33) US **(13.03.1998)**

(31) 09/058,337 (32) **10 Apr/avr 1998** (33) US **(10.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 15/08, C07H 21/00, 21/02, 21/04**

(54) • IMPROVED LIQUID CHROMATOGRAPHIC MEDIA FOR POLYNUCLEOTIDE SEPARATION
• MILIEU CHROMATOGRAPHIQUE LIQUIDE AMELIORE UTILISE DANS LA SEPARATION DE POLYNUCLEOTIDES

(71) **TRANSGENOMIC, INC.** [US/US]; 2032 Concourse Drive, San Jose, CA 95110 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GJERDE, Douglas, T.** [US/US]; 12995 Woodside Drive, Saratoga, CA 95070 (US). **TAYLOR, Paul, D.** [US/US]; 248 Hawthorne Avenue, Palo Alto, CA 94301 (US).

(74) **WALKER, William, B.**; Enterprise Law Group, Inc., Suite 280, 4400 Bohannon Drive, Menlo Park, CA 94025 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48915** (13) A1

(21) PCT/US98/08673

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,598 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 21/26, 29/00, 35/00**

(54) • CROSSFLOW FILTER CYCLONE APPARATUS
• APPAREIL CYCLONE A FILTRE A COURANT TRANSVERSAL

(71) **THE UNIVERSITY OF AKRON** [US/US]; 302 E. Buchtel Avenue, Akron, OH 44325 (US).

(72) **CHASE, George, C.**; 360 Brookpoint Circle, Wadsworth, OH 44281 (US).

(74) **WEBER, Ray, L.** et al. / etc.; Renner, Kenner, Greiver, Bobak, Taylor & Weber, 1610 First National Tower, Akron, OH 44308–1456 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48916** (13) A1

(21) PCT/US98/05631

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 08/848,145 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 27/08, 35/30**

(54) • EXPANDABLE ENCAPSULATED FILTER CARTRIDGE ASSEMBLY
• ENSEMBLE CARTOUCHE FILTRANTE EXPANSIBLE ENCAPSULE

(71) **CUNO, INC.** [US/US]; 400 Research Parkway, Meriden, CT 06450 (US).

(72) **BARNES, Robert, G.**; 631 Brownstone Ridge, Meriden, CT 06451 (US). **CONTAXIS, William, III**; 75 Oakridge Lane, Milford, CT 06460 (US). **TAYLOR, Bruce, G.**; 168 Alling Street, Kensington, CT 06037 (US).

(74) **KRAMER, Barry** et al. / etc.; Cummings & Lockwood, Four Stamford Plaza, 107 Elm Street, Stamford, CT 06904 (US).

(81) AU JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48917** (13) A1

(21) PCT/DE98/01153

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 448.5 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 33/11, 33/58**

(54) • DEVICE AND FILTERING METHOD FOR SEPARATING SUBSTANCES FROM SUSPENSIONS
• DISPOSITIF ET PROCEDE DE FILTRATION POUR RETIRER DES MATIERES CONTENUES DANS DES SUSPENSIONS

(71, 72) **LÜTH, Peter** [DE/DE]; Fischkaten 48, D–23970 Wismar (DE).

(74) **BAUMBACH, Fritz**; BioTez Berlin–Buch GmbH, Patentstelle, Robert–Rössle–Strasse 10, D–13125 Berlin (DE).

(81) AU CA HU JP NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48918** (13) A1

(21) PCT/TR97/00006

(22) **29 Apr/avr 1997 (29.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 39/14, 39/20**

(54) • CERAMIC FOAM FILTER PRODUCTION
• FABRICATION D'UN FILTRE EN MOUSSE CERAMIQUE

(71, 72) **KINIKOGLU, Nihat, G.** [TR/TR]; Yildiz Technical University, Yildiz, 80750 Istanbul (TR).

(72, 75) **KINIKOGLU, Seher** [TR/TR]; Yildiz Technical University, Yildiz, 80750 Istanbul (TR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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.

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(11) **WO 98/48919** (13) A1

(21) PCT/US98/08251

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/848,590 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 53/10**

(54) • VOLATILE ORGANIC COMPOUNDS REMOVAL FROM A CONTAMINATED AIR STREAM USING AN ADSORBENT MATERIAL
• EXTRACTION DE COMPOSES ORGANIQUES VOLATILS D'UN FLUX D'AIR CONTAMINE AU MOYEN D'UN MATERIAU ADSORBANT

(71) **TECHARMONIC, INC.** [US/US]; Suite C, 2300 Zanker Road, San Jose, CA 95131 (US).

(72) **VICKERY, Earl, C.**; 1360 Woodelf Drive, San Jose, CA 95121 (US).

(74) **KATZ, Charles, B.**; Carr & Ferrell LLP, Suite 200, 2225 E. Bayshore Road, Palo Alto, CA 94303 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48920** (13) A1

(21) PCT/IB97/00820

(22) **14 May/mai 1997 (14.05.1997)**

(25) en (26) en

(31) 08/846,036 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 53/14**

(54) • PROCESS FOR RECOVERING PROCESSING LIQUIDS
• PROCEDE POUR EXTRAIRE DES LIQUIDES DE TRAITEMENT

(71) **CANADIAN CHEMICAL RECLAIMING LTD.** [CA/CA]; Suite 970, 333 5th Street Avenue, S.W., Calgary, Alberta T2P 3B6 (CA).

(72) **ABRY, G., Raymond**; 133 Dougasview Rise, S.E., Calgary, Alberta T2Z 2P5 (CA). **BEASLEY, S., Todd**; 24 Evergreen Park Close, Brooks, Alberta T1R 0CR (CA). **CARLSON, W., Stephen**; Apartment 265, 2979 Rolido Drive, Houston, TX 77063 (US). **KRESNYAK, G., Stephen**; 112 Woodview Place, S.W., Calgary, Alberta T2W 2V3 (CA).

(81) AU BR CA CN CZ EE GE HU JP KR LT LV MX NO NZ PL RO SG; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48921** (13) A1

(21) PCT/US98/06958

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) 08/845,310 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 53/22, 61/00, 71/02, C01B 3/34, 3/38**

(54) • AUTOTHERMIC REACTOR COMPRISING OXYGEN ION CONDUCTING DENSE CERAMIC MEMBRANE AND PROCESS USING THE AUTOTHERMIC REACTOR FOR PRODUCING SYNTHESIS GAS
• REACTEUR AUTOTHERMIQUE COMPORTANT UNE MEMBRANE DE CERAMIQUE DENSE CONDUCTRICE D'IONS D'OXYGENE ET PROCEDE D'UTILISATION DE CE REACTEUR AUTOTHERMIQUE POUR PRODUIRE DES GAZ DE SYNTHÈSE

(71) **AMOCO CORPORATION** [US/US]; Law Dept., Mail Code 1907A, 200 E. Randolph Drive, P.O. Box 87703, Chicago, IL 60680–0703 (US).

(72) **KLEEFISCH, Mark, S.**; 413 N. Vista Lane, Plainfield, IL 60544 (US). **UDOVICH, Carl, A.**; 3526 Bankview Lane, Joliet, IL 60435 (US). **BHATTACHARYYA, Alakananda**; 2230 Hiram Court, Wheaton, IL 60187 (US). **KOBYLINSKI, Thaddeus, P.**; 2158 Prospect Road, Prospect, PA 16052 (US).

(74) **YASSEN, Thomas, A.**; Amoco Corporation, Law Dept., Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680–0703 (US).

(81) AU BR CA CN ID JP KZ MX NO PL TT VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48922** (13) A1

(21) PCT/EP98/02394

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 889.8 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(31) 197 17 890.1 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 53/32, F01N 3/02, 3/08**

(54) • DEVICE AND METHOD FOR DECOMPOSING HARMFUL SUBSTANCES CONTAINED IN FLUE GAS
• DISPOSITIF ET PROCEDE DE DECOMPOSITION DE SUBSTANCES NOCIVES CONTENUES DANS DES GAZ DE COMBUSTION

(71) **INSTITUT FÜR NIEDERTEMPERATUR–PLASMAPHYSIK E.V. AN DER ERNST–MORITZ–ARNDT–UNIVERSITÄT GREIFSWALD** [DE/DE]; Robert–Blum–Strasse 8–10, D–17489 Greifswald (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEST, Walter** [DE/DE]; Genter Strasse 3, D–52351 Düren (DE).

(74) **SCHNICK & FIEBIG**; Schonenfahrerstrasse 7, D–18057 Rostock (DE).

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

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(11) **WO 98/48923** (13) A1

(21) PCT/GB98/01048

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708548.4 (32) **28 Apr/avr 1997 (28.04.1997)** (33) GB

(31) 9803892.0 (32) **25 Feb/fév 1998 (25.02.1998)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 53/32**

(54) • IMPROVEMENTS IN AND RELATING TO GAS GENERATORS
• AMELIORATIONS APPORTEES A DES GENERATEURS DE GAZ

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEWIN, Robert, Glyn** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB). **BARNETT, Stephen, Vernon** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB). **INCE, Andrew, Timothy** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB). **BRACE, Christopher, William** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB). **MIDDLETON, Peter, Hugh** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB).

(74) **PAWLYN, Anthony, Neil**; Urquhart–Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48924** (13) A1

(21) PCT/JP98/01862

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/122946 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(31) 9/122947 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 53/70, 53/40**

(54) • METHOD OF TREATING EXHAUST GAS
• PROCEDE DE TRAITEMENT DES EMANATIONS GAZEUSES

(71) **NKK CORPORATION** [JP/JP]; 1–2, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–0005 (JP).

(72) **HAMAGUCHI, Keizo**; NKK Corporation, 1–2, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–0005 (JP). **OSADA, Yo**; NKK Corporation, 1–2, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–0005 (JP). **NOTO, Takashi**; NKK Corporation, 1–2, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–0005 (JP). **AYUKAWA, Susumu**; NKK Corporation, 1–2, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–0005 (JP). **FUJII, Satoshi**; NKK Corporation, 1–2, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–0005 (JP). **KURODA, Manabu**; NKK Corporation, 1–2, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–0005 (JP).

(74) **FUJIOKA, Tohru**; Tokyo Reiki Ebisu Building 2F, 17–12, Ebisu Nishi 1–chome, Shibuya–ku, Tokyo 150–0021 (JP).

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

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(11) **WO 98/48925** (13) A1

(21) PCT/DE98/01173

(22) **25 Apr/avr 1998 (25.04.1998)**

(25) de (26) de

(31) 197 18 239.9 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 53/86, B01J 32/00, F01N 3/02**

(54) • ELECTRICALLY HEATED CATALYZER
• CATALYSEUR CHAUFFE ELECTRIQUEMENT

(71) **FORSCHUNGSZENTRUM JÜLICH GMBH** [DE/DE]; Wilhelm–Johnen–Strasse, D–52425 Jülich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **DORNSEIFFER, Jürgen** [DE/DE]; Roermonder Strasse 108 a, D–52072 Aachen (DE).

(72, 75) **HACKFORT, Helmut** [DE/DE]; Belvederestrasse 48, D–50933 Köln (DE).

(74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Personal und Recht – Patente (PR–PT), D–52425 Jülich (DE).

(81) AU BR CA JP KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48926** (13) A1

(21) PCT/JP98/01965

(22) **30 Apr/avr 1998 (30.04.1998)**

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(31) 9/112561 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 10/29032 (32) **28 Jan/jan 1998 (28.01.1998)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 63/02, 69/08, 69/12, 71/26, 71/54, C09D 11/00, B41J 2/175**

(54) • INK DEAERATING HOLLOW YARN MEMBRANE, INK DEAERATING METHOD, INK DEAERATING APPARATUS, INK CARTRIDGE MANUFACTURING METHOD, AND INK
• MEMBRANE A FIBRES CREUSES PERMETTANT DE DESAERER L'ENCRE, PROCEDE ET DISPOSITIF DE DESAERATION DE L'ENCRE, PROCEDE DE FABRICATION DE CARTOUCHE D'ENCRE, ET ENCRE

(71) **MITSUBISHI RAYON CO., LTD.** [JP/JP]; 3–19, Kyobashi 2–chome, Chuo–ku, Tokyo 104–8350 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WATARI, Kenji** [JP/JP]; Products Development Laboratories, Mitsubishi Rayon Co., Ltd., 1–60, Sunadabashi 4–chome, Higashi–ku, Nagoya–shi, Aichi 461–8677 (JP). **TAKEDA, Satoshi** [JP/JP]; Products Development Laboratories, Mitsubishi Rayon Co., Ltd., 1–60, Sunadabashi 4–chome, Higashi–ku, Nagoya–shi, Aichi 461–8677 (JP). **KOBAYASHI, Masumi** [JP/JP]; Products Development Laboratories, Mitsubishi Rayon Co., Ltd., 1–60, Sunadabashi 4–chome, Higashi–ku, Nagoya–shi, Aichi 461–8677 (JP). **UCHIDA, Makoto** [JP/JP]; Mitsubishi Rayon Co., Ltd., 3–19, Kyobashi 2–chome, Chuo–ku, Tokyo 104–8350 (JP). **UENISHI, Masamoto** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20–1, Miyukicho, Otake–shi, Hiroshima 739–0693 (JP). **FUKUSHIMA, Noriaki** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20–1, Miyukicho, Otake–shi, Hiroshima 739–0693 (JP). **HAYASHI, Seiji** [JP/JP]; Corporate Research Laboratories, Mitsubishi Rayon Co., Ltd., 20–1, Miyukicho, Otake–shi, Hiroshima 739–0693 (JP).

(74) **WAKABAYASHI, Tadashi** et al. / etc.; 8th floor, 16th Kowa Building, 9–20, Akasaka 1–chome, Minato–ku, Tokyo 107–0052 (JP).

(81) CA CN ID KR MX SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48927** (13) A1

(21) PCT/US98/08324

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,867 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01D 67/00, 69/12, 71/36, 71/32, C08J 5/22**

(54) • ARTICLE OF MANUFACTURE INCLUDING A SURFACE MODIFIED MEMBRANE AND PROCESS
• ARTICLE COMPRENANT UNE MEMBRANE MODIFIEE EN SURFACE ET PROCEDE

(71) **MILLIPORE CORPORATION** [US/US]; 80 Ashby Road, Bedford, MA 01730 (US).

(72) **MOYA, Wilson**; 10 Dubeau Drive, Derry, NH 03038 (US).

(74) **HUBBARD, John, Dana** et al. / etc.; Millipore Corporation, 80 Ashby Road, Bedford, MA 01730 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48928** (13) A1

(21) PCT/JP98/01831

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/124875 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01F 7/04**

(54) • MIXING METHOD AND MIXING DEVICE
• PROCEDE DE BRASSAGE ET DISPOSITIF DE BRASSAGE

(71) **KAO CORPORATION** [JP/JP]; 14–10, Nihonbashikayabacho 1–chome, Chuo–ku, Tokyo 103–8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOYODA, Kouji** [JP/JP]; Kao Corporation, Factory of, 1334, Minato, Wakayama–shi, Wakayama 640–8580 (JP). **YAMASHITA, Hiroyuki** [JP/JP]; Kao Corporation, Research Laboratories of, 1334, Minato, Wakayama–shi, Wakayama 640–8580 (JP). **NITTA, Hideichi** [JP/JP]; Kao Corporation, Research Laboratories of, 1334, Minato, Wakayama–shi, Wakayama 640–8580 (JP). **TANAKA, Kenji** [JP/JP]; Kao Corporation, Research Laboratories of, 1334, Minato, Wakayama–shi, Wakayama 640–8580 (JP).

(74) **NEMOTO, Susumu**; Nemoto International Patent Office, Tenmahachikenya Building, 4th floor, 2–12, Kitahamahigashi, Chuo–ku, Osaka–shi, Osaka 540–0031 (JP).

(81) CN ID KR SG US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48929** (13) A1

(21) PCT/JP98/01832

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/124892 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01F 7/04**

(54) • MIXER
• MELANGEUR

(71) **KAO CORPORATION** [JP/JP]; 14–10, Nihonbashikayabacho 1–chome, Chuo–ku, Tokyo 103–8210 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOYODA, Kouji** [JP/JP]; Kao Corporation, Factory, 1334, Minato, Wakayama–shi, Wakayama 640–8580 (JP). **YAMASHITA, Hiroyuki** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama–shi, Wakayama 640–8580 (JP). **NITTA, Hideichi** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama–shi, Wakayama 640–8580 (JP). **TANAKA, Kenji** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama–shi, Wakayama 640–8580 (JP).

(74) **NEMOTO, Susumu**; Nemoto International Patent Office, Tenmahachikenya Building, 4th floor, 2–12, Kitahamahigashi, Chuo–ku, Osaka–shi, Osaka 540–0031 (JP).

(81) CN ID KR SG US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48930** (13) A1

(21) PCT/US98/08329

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,664 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01F 7/16, A47J 43/04**

(54) • TURNTABLE LOCATOR FOR STAND MIXER
• DISPOSITIF DE POSITIONNEMENT D'UN PLATEAU ROTATIF DE BATTEUR SUR SOCLE

(71) **SUNBEAM PRODUCTS, INC.** [US/US]; Suite 200, 1615 South Congress Avenue, Delray Beach, FL 33445 (US).

(72) **ROBERTS, Bruce, R.**; 198 Cole Road, Hattiesburg, MS 39402 (US). **RICKERT, David, W.**; 87 Mount Madonna Road, Watsonville, CA 95076 (US). **MORALES, Eric, V.**; 8733 Floral Street, Gilroy, CA 94539 (US).

(74) **KLINE, Michael, J.** et al. / etc.; Thorp, Reed & Armstrong, One Riverfront Center, Pittsburgh, PA 15222–4895 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48931** (13) A1

(21) PCT/CA98/00352

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 08/840,027 (32) **24 Apr/avr 1997 (24.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01J 8/02, 8/06, H01M 8/06, C01B 3/38**

(54) • BURNER EXHAUST GAS COLLECTION ASSEMBLY FOR A CATALYTIC REFORMER
• ENSEMBLE DE RECUPERATION DES GAZ DE COMBUSTION D'UN BRULEUR DESTINE A UN REFORMEUR CATALYTIQUE

(71) **BALLARD GENERATION SYSTEMS INC.** [CA/CA]; 9000 Glenlyon Parkway, Burnaby, British Columbia V5J 5J9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STERENBERG, David, J.** [CA/CA]; 1405–5815 Yew Street, Vancouver, British Columbia V6H 1N7 (CA).

(74) **DE KOCK, Elbie, R.**; Russell Reyneke, Two Bentall Centre, Suite 700, 555 Burrard Street, Vancouver, British Columbia V7X 1M8 (CA).

(81) AU CA DE GB JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48932** (13) A1

(21) PCT/CA98/00399

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708600.3 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01J 8/16, 8/40**

(54) • PULSED FLUIDISED BED
• LIT FLUIDISE PULSE

(71) **HER MAJESTY IN RIGHT OF CANADA, as represented by THE MINISTER OF NATURAL RESOURCES** [CA/CA]; 580 Booth Street, Ottawa, Ontario K1A 0E4 (CA).

(72) **KUDRA, Tadeusz**; 957 de Saliere, St. Luc, Quebec J2W 1A3 (CA). **GAWRZYNSKI, Zbigniew**; Damrota 34/6, PL–50–306 Wroclaw (PL). **GLASER, Ryszard**; Pawlowa 5/12, PL–53–604 Wroclaw (PL).

(74) **WILKES, Robert, A.** et al. / etc.; Suite 2001, 112 Kent Street, P.O. Box 3440, Station D, Ottawa, Ontario K1P 6P1 (CA).

(81) AU CN IL JP MX NO NZ PL RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48933** (13) A1

(21) PCT/EP98/01827

(22) **27 Mar/mar 1998 (27.03.1998)**

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(31) 197 18 452.9 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01J 20/24, C02F 1/28**

(54) • BIOSORPTION AGENTS FOR METAL IONS AND METHOD FOR THE PRODUCTION THEREOF
• AGENTS DE BIOSORPTION POUR IONS METALLIQUES ET PROCEDE PERMETTANT DE LES PREPARER

(71) **FRAUNHOFER–GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D–80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KÜHN, Manfred** [DE/DE]; Brüder Grimm Weg 2, D–65830 Kriftel (DE). **WISSLER, Josef** [DE/DE]; Gartenfeldstrasse 28, D–61231 Bad Nauheim (DE). **BRUNNER, Herwig** [DE/DE]; An der Betteleiche 6, D–70569 Stuttgart (DE).

(74) **PFENNING, MEINIG & PARTNER GBR**; Mozartstrasse 17, D–80336 München (DE).

(81) CA HU JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48934** (13) A1

(21) PCT/US98/03442

(22) **23 Feb/fév 1998 (23.02.1998)**

(25) en (26) en

(31) 08/847,400 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01J 29/06**

(54) • FCC METAL TRAPS BASED ON ULTRA LARGE PORE CRYSTALLINE MATERIAL
• PIEGES A METAUX POUR LE CRAQUAGE CATALYTIQUE FLUIDISE UTILISANT UN MATERIAU CRISTALLIN A PORES ULTRA-GRANDS

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **BALKO, Jeffrey, William**; 14 Montague Road, Newark, DE 19713 (US). **CHESTER, Arthur, Warren**; 517 Country Club Drive, Cherry Hill, NJ 08003 (US). **QUINONES, Augusto, Rodolfo**; 13607 Country Green Court, Houston, TX 77059 (US).

(74) **LOO, Blossom, E.** et al. / etc.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48935** (13) A1

(21) PCT/US97/18509

(22) **14 Oct/oct 1997 (14.10.1997)**

(25) en (26) en

(31) 08/845,671 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B01L 3/02, G01F 11/00, G01K 11/06**

(54) • METHOD AND APPARATUS FOR DEPOSITING PRECISELY METERED QUANTITIES OF AN EMULSION ON A SURFACE
• PROCEDE ET APPAREIL POUR DEPOSER SUR UNE SURFACE DES DOSES D'EMULSION MESUREES AVEC PRECISION

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(72) **FOCARINO, Gary**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(74) **HORNICKEL, John, H.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (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 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 UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48936** (13) A1

(21) PCT/SE98/00771

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) sv (26) en

(31) 9701625–7 (32) **30 Apr/avr 1997** (33) SE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B02C 7/14, D21B 1/14, D21D 1/30**

(54) • DEVICE FOR INVESTIGATING THE GRINDING PROCESS IN A REFINER INCLUDING SENSORS
• DISPOSITIF POUR VERIFIER LE PROCESSUS DE BROYAGE DANS UN RAFFINEUR COMPORTANT DES DETECTEURS

(71, 72) **KARLSTRÖM, Anders** [SE/SE]; Ålegårdsvägen 230, S–431 50 Mölndal (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S–410 22 Göteborg (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48937** (13) A1

(21) PCT/EP98/02516

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 17 918.5 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B02C 18/00**

(54) • SAFETY SWITCH FOR PAPER SHREDDERS
• INTERRUPTEUR DE SECURITE POUR DESTRUCTEURS DE DOCUMENTS

(71, 72) **SCHWELLING, Hermann** [DE/DE]; Hartmannweg 5, D–88682 Salem (DE).

(74) **FÜRST, Siegfried**; Hansmann & Vogeser, Nördliche Ringstrasse 10, D–73033 Göppingen (DE).

(81) CZ PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48938** (13) A1

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(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,947 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B04B 1/00, 7/08, 11/00, B01D 21/26, A61M 1/00**

(54) • SEMI–CONTINUOUS, SMALL VOLUME CENTRIFUGAL BLOOD SEPARATOR
• SEPARATEUR DES GLOBULES SANGUINS, CENTRIFUGE, SEMI–CONTINU ET DE FAIBLE VOLUME

(71) **WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION** [US/US]; N.E. 1615 Eastgate Boulevard, Pullman, WA 99164–1802 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN WIE, Bernard, J.** [US/US]; N.E. 1615 Eastgate Boulevard, Pullman, WA 99164–1802 (US). **LANDIN, Trevan, R.** [US/US]; N.E. 1615 Eastgate Boulevard, Pullman, WA 99164–1802 (US). **WEYRAUCH, Bruce** [US/US]; N.E. 1615 Eastgate Boulevard, Pullman, WA 99164–1802 (US).

(74) **GREGORY, Randy, A.** et al. / etc.; Wells, St. John, Roberts, Gregory & Matkin, P.S., Suite 1300, 601 W. First Avenue, Spokane, WA 99201–3817 (US).

(81) AU CA JP MX NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48939** (13) A1

(21) PCT/US98/05427

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/846,142 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B04B 5/04, B01L 3/14**

(54) • SELF–SEATING, SELF–SEALING CENTRIFUGE TUBE ADAPTER
• ADAPTATEUR AUTOCLAVE AUTOMATIQUE POUR TUBE DE CENTRIFUGEUSE

(71) **BECKMAN INSTRUMENTS, INC.** [US/US]; 2500 Harbor Boulevard, Fullerton, CA 92834 (US).

(72) **MOORE, Patrick, Q.**; 9111 Church Street, Gilroy, CA 95020 (US).

(74) **MAY, William, H.** et al. / etc.; Beckman Instruments, Inc., 2500 Harbor Boulevard, Fullerton, CA 92834 (US).

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

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(11) **WO 98/48940** (13) A1

(21) PCT/US98/05525

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/845,679 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B04B 5/04, 7/08**

(54) • CENTRIFUGE ROTOR HAVING STRUCTURAL STRESS RELIEF
• ROTOR DE CENTRIFUGEUSE PRESENTANT UNE CARACTERISTIQUE DE DETENTE

(71) **BECKMAN INSTRUMENTS, INC.** [US/US]; 2500 Harbor Boulevard, Fullerton, CA 92834 (US).

(72) **COFFEY, Robert, G.**; 1774 Villarity Drive, Campbell, CA 95008 (US). **HANQUIST, Dean**; 2475 Richard Court, Mountain View, CA 94043 (US). **MOORE, Patrick, Q.**; 9111 Church Street, Gilroy, CA 95020 (US). **LUNG, Terence, T.**; 3798 Caravella Drive, San Jose, CA 95117 (US).

(74) **MAY, William, H.** et al. / etc.; Beckman Instruments, Inc., 2500 Harbor Boulevard, Fullerton, CA 92834 (US).

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

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(11) **WO 98/48941** (13) A1

(21) PCT/US98/05526

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/842,986 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B04B 5/04, B01L 3/14**

(54) • CENTRIFUGALLY LOADED SELF–SEALING INTEGRAL ONE–PIECE CAP/CLOSURE
• ENSEMBLE CAPSULE ET FERMETURE MONOBLOC SOLIDAIRE AUTOCLAVE CHARGE PAR CENTRIFUGATION

(71) **BECKMAN INSTRUMENTS, INC.** [US/US]; 2500 Harbor Boulevard, Fullerton, CA 92834 (US).

(72) **MOORE, Patrick, Q.**; 9111 Church Street, Gilroy, CA 95020 (US).

(74) **MAY, William, H.** et al. / etc.; Beckman Instruments, Inc., 2500 Harbor Boulevard, Fullerton, CA 92834 (US).

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

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(11) **WO 98/48942** (13) A1

(21) PCT/CA98/00403

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/848,276 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B04C 5/04, 5/12, 5/20, 11/00, B01D 17/02**

(54) • HYDROCYCLONE FOR SEPARATING IMMISCIBLE FLUIDS AND REMOVING SUSPENDED SOLIDS
• HYDROCYCLONE PERMETTANT DE SEPARER DES FLUIDES NON MISCIBLES ET DE RETIRER DES SOLIDES EN SUSPENSION

(63) US 08/848,276 (CIP)
29 Apr/avr 1997 (29.04.1997)

(71) **HER MAJESTY IN RIGHT OF CANADA, as represented by THE MINISTER OF NATURAL RESOURCES CANADA** [CA/CA]; 580 Booth Street, Ottawa, Ontario K1A 0E4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASHMI, Khalid, A.** [CA/CA]; 3941 – 103B Street, Edmonton, Alberta T6J 2X8 (CA). **HAMZA, Hassan, A.** [CA/CA]; 7603 – 94A Avenue, Edmonton, Alberta T6C 1X2 (CA). **FRIESEN, Wally, I.** [CA/CA]; 1160 – 72 Street, Edmonton, Alberta T6K 3G1 (CA). **KAR, Kanti, L.** [CA/CA]; 14007 Deerrun Boulevard, Calgary, Alberta T2J 6L3 (CA). **THEW, Martin, T.** [GB/GB]; 50 Clotherholme Road, Ripon, North Yorkshire HG4 2DL (GB).

(74) **EADES, Norris, M.** et al. / etc.; Kirby, Eades, Gale, Baker, P.O. Box 3432, Station D, Ottawa, Ontario K1P 6N9 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48943** (13) A1

(21) PCT/FR98/00848

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05227 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B05B 11/00**

(54) • FLASK FOR DISPENSING LIQUID, CREAM OR GEL COMPRISING A DEVICE FOR FILTERING INCOMING AIR
• FLACON DE DISTRIBUTION POUR LIQUIDE, CREME OU GEL COMPORTANT UN DISPOSITIF FILTRANT DE L'AIR ENTRANT

(71) **SOFAB** [FR/FR]; 15 bis, route Nationale, F–76470 Le Tréport (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HENNEMANN, Pascal** [FR/FR]; 42, rue Saint Laurent, F–76260 Eu (FR).

(74) **BUSNEL, Jean–Benoît** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F–75340 Paris Cedex 07 (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48944** (13) A1

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(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,709 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B05D 1/12, 3/02, 7/00, A44C 17/00**

(54) • METHOD FOR ENHANCING THE COLOR OF MINERALS USEFUL AS GEMSTONES
• TECHNIQUE PERMETTANT D'EXALTER LA COULEUR DE MINERAUX UTILISES COMME PIERRES PRECIEUSES

(63) US 08/845,709 (CIP)
25 Apr/avr 1997 (25.04.1997)

(71, 72) **POLLAK, Richard** [US/US]; Suite W, 2120 Jimmy Durante Boulevard, Del Mar, CA 92014 (US).

(74) **REITER, Stephen, E.**; Gray Cary Ware & Freidenrich, Suite 1600, 4365 Executive Drive, San Diego, CA 92121 (US).

(81) BR CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48945** (13) A1

(21) PCT/US98/08397

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/845,845 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B05D 1/32, 1/36, C04B 7/00, 14/00**

(54) • PAVEMENT MARKING MATERIAL AND METHOD OF MARKING PAVEMENT
• MATERIAU ET PROCEDE CORRESPONDANT DE MARQUAGE DE CHAUSSEES

(71, 72) **WILSON, Jack, H., Sr.** [US/US]; 4654 Hickory Ridge Road, Jackson, MS 39211 (US).

(74) **VOORHEES, David, H.**; Merek & Voorhees, Suite 300, 1240 N. Pitt Street, Alexandria, VA 22314 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48946** (13) A1

(21) PCT/EP98/02437

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 520.1 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B05D 1/38, 7/00**

(54) • METHOD FOR PRODUCING A MULTILAYER LACQUER
• PROCEDE DE FABRICATION D'UNE LAQUE MULTICOUCHE

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstrasse 1, D–48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAPPER, Ekkehard** [DE/DE]; Austrasse 55, D–97222 Rimpar (DE). **KREIS, Winfried** [DE/DE]; Am Dill 278, D–48163 Münster (DE). **DIRKING, Theodora** [DE/DE]; Erphostrasse 23, D–48145 Münster (DE). **WOLTERING, Joachim** [DE/DE]; Althausweg 121, D–48154 Münster (DE). **FREY, Thomas** [DE/DE]; Hans–Sachs–Ring 36, D–68199 Mannheim (DE).

(74) **FITZNER, MÜNCH & JUNGBLUT**; Kaiserswerther Strasse 74, D–40878 Ratingen (DE).

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

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(11) **WO 98/48947** (13) A1

(21) PCT/US98/08561

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,758 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B05D 3/02, C07D 251/00, C08F 8/30, 26/02, 126/02, 226/02, C08G 18/10, 18/28, 18/67, 18/77, C08J 3/00, C08K 3/20, C08L 75/00**

(54) • NOVEL URETHANE RESINS AND COATING COMPOSITIONS AND METHODS FOR THEIR USE

- NOUVELLES RESINES ET NOUVELLES COMPOSITIONS DE REVETEMENT A BASE D'URETHANNE ET PROCEDES D'UTILISATION DE CELLES–CI

(63) US 08/846,758 (CON)
30 Apr/avr 1997 (30.04.1997)

(71) **THE VALSPAR CORPORATION** [US/US]; 1101 South Third Street, Minneapolis, MN 55415 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KILLILEA, T., Howard** [IE/US]; 7416 North Humboldt Avenue, Brooklyn Park, MN 55444 (US). **BOESPFLUG, Donald, W.** [US/US]; 6345 Red Hawk Trail, Lino Lakes, MN 55014 (US). **STENSON, Paul, H.** [IE/US]; 18825 – 34th Avenue North, Plymouth, MN 55447 (US).

(74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48948** (13) A1

(21) PCT/US98/08550

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/845,897 (32) **28 Apr/avr 1997** (33) US
(28.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B05D 5/00, B32B 15/00, 27/04**

(54) • POROUS METAL/ORGANIC POLYMERIC COMPOSITES
• COMPOSITES POLYMERE METALLIQUE/ORGANIQUE POREUX

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA,** [US/US]; represented by THE SECRETARY OF THE NAVY, 4555 Overlook Avenue, S.W., Washington, DC 20375–5325 (US).

(72) **IMAM, M., Ashraf**; 1159 Mill Garden Court, Great Falls, VA 22066 (US). **RATH, Bhakta, B.**; 10908 Timbermill Court, Oakton, VA 22124 (US). **KELLER, Teddy, M.**; 6633 Sky Blue Court, Arlington, VA 22315 (US).

(74) **McDONNELL, Thomas, E.**; Code 3008.2, Naval Research Laboratory, Washington, DC 20375–5324 (US).

(81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48949** (13) A1

(21) PCT/JP98/01893

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/113036 (32) **30 Apr/avr 1997** (33) JP
(30.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B05D 7/24, 7/02, B32B 27/30, C09D 5/02, 157/08**

(54) • METHOD FOR SURFACE–COATING SYNTHETIC RESINS
• PROCEDE POUR RECOUVRIR LA SURFACE DE RESINES SYNTHETIQUES

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4–12, Nakazaki–nishi 2–chome, Kita–ku, Osaka–shi, Osaka 530–8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUDA, Nobuhiko** [JP/JP]; Yodogawa–seisakusho, Daikin Industries, Ltd., 1–1, Nishihitotsuya, Settsu–shi, Osaka 566–8585 (JP). **IWAKIRI, Ryuji** [JP/JP]; Yodogawa–seisakusho, Daikin Industries, Ltd., 1–1, Nishihitotsuya, Settsu–shi, Osaka 566–8585 (JP). **NAGATO, Masaru** [JP/JP]; Yodogawa–seisakusho, Daikin Industries, Ltd., 1–1, Nishihitotsuya, Settsu–shi, Osaka 566–8585 (JP). **IMOTO, Katsuhiko** [JP/JP]; Yodogawa–seisakusho, Daikin Industries, Ltd., 1–1, Nishihitotsuya, Settsu–shi, Osaka 566–8585 (JP).

(74) **ASAHINA, Sohta** et al. / etc.; NS Building, 2–22, Tanimachi 2–chome, Chuo–ku, Osaka–shi, Osaka 540–0012 (JP).

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

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(11) **WO 98/48950** (13) A1

(21) PCT/EP98/02505

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 18 158.9 (32) **29 Apr/avr 1997** (33) DE
(29.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B07B 7/02, B27N 1/00**

(54) • AIR SEPARATION PROCESS AND DEVICE
• PROCEDE ET DISPOSITIF D'AERO–SEPARATION

(71) **KVAERNER PANEL SYSTEMS GMBH MASCHINEN– UND ANLAGENBAU** [DE/DE]; Industriestrasse 17–21, D–31832 Springe (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARTLING, Werner** [DE/DE]; Schafsweide 5, D–81008 Elze (DE). **MOOSDORF, Frank** [DE/DE]; Kranichfeld 43, D–31787 Hameln (DE).

(74) **FINSTERWALD, Manfred** et al. / etc.; Manitz, Finsterwald & Partner GbR, Robert–Koch–Strasse 1, D–80538 München (DE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48951** (13) A1

(21) PCT/IS98/00004

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 4473 (32) **28 Apr/avr 1997** (33) IS
(28.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B07B 13/065, A22C 25/00**

(54) • APPARATUS FOR GRADING OBJECTS SUCH AS FISH
• DISPOSITIF DE CALIBRAGE DE PRODUITS TELS QUE DES POISSONS

(71) **STYLE – R. M. MAGNUSSON** [IS/IS]; Stekkjarflot 21, IS–210 Gardabae (IS).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAGNUSSON, Ragnar, M.** [IS/IS]; Stekkjarflot 21, IS–210 Gardabae (IS). **STEINSSON, Steinar** [IS/IS]; Holtagerdi 80, IS–200 Kopavogi (IS). **RAGNARSSON, Egill, Thor** [IS/IS]; Audbrekku 3–5, IS–200 Kopavogi (IS).

(74) **VILHJALMSSON, Arni**; Adalsteinson & Partners, Borgartuni 24, IS–105 Reykjavik (IS).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48952** (13) A1

(21) PCT/JP98/01795

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) ja (26) ja

(31) 9/123395 (32) **25 Apr/avr 1997** (33) JP
(25.04.1997)

(31) 9/170938 (32) **11 Jun/juin 1997** (33) JP
(11.06.1997)

(31) 10/14865 (32) **9 Jan/jan 1998** (33) JP
(09.01.1998)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B07B 13/11**

(54) • METHOD AND APPARATUS FOR REMOVING CONTAMINANT
• PROCEDE ET APPAREIL POUR ELIMINER DES CONTAMINANTS

(71) **KANEBO, LIMITED** [JP/JP]; 17–4, Sumida 5–chome, Sumida–ku, Tokyo 131–0031 (JP).

(72) **HARADA, Takao**; 332, Oazasaida, Tamamura–mati, Sawa–gun, Gunma 370–1131 (JP). **SAITO, Seiji**; 780–3, Tatuishi, Fuzioka–shi, Gunma 375–0002 (JP).

(81) CN ID KR SG VN.

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(11) **WO 98/48953** (13) A1

(21) PCT/US97/21767

(22) **2 Dec/déc 1997 (02.12.1997)**

(25) en (26) en

(31) 08/848,576 (32) **28 Apr/avr 1997** (33) US
(28.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B08B 3/00**

(54) • LIQUID WASTE DISPOSAL AND CANISTER FLUSHING SYSTEM AND METHOD

- EVACUATION DE DECHETS LIQUIDES ET SYSTEME DE RINÇAGE DE RECIPIENT ET PROCEDE CORRESPONDANT

(71) **DORNOCH MEDICAL SYSTEMS, INC.** [US/US]; 4032 N.W. Riverside, Riverside, MO 64150 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUNN, James, L.** [US/US]; 3018 S.W. Boswell Avenue, Topeka, KS 66611 (US). **CARTY, Timothy, A.** [US/US]; 6942 S.W. Woodcroft Way, Topeka, KS 66619 (US).

(74) **JOHNSTON, R., Blake**; Rudnick & Wolfe, P.O. Box 64807, Chicago, IL 60664–0807 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/48954** (13) A1

(21) PCT/FR98/00852

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05480 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B08B 7/00, B23K 1/015**

(54) • METHOD AND MACHINE FOR TREATING PARTS BY IMMERSION IN A CLEANING LIQUID
• PROCEDE ET MACHINE DE TRAITEMENT DE PIECES PAR IMMERSION DANS UN LIQUIDE DE NETTOYAGE

(71, 72) **GARIDEL, Jean–Paul** [FR/FR]; Chemin du Canal, F–26800 Allex (FR).

(74) **THIBAULT, Jean–Marc**; Cabinet Beau de Loménie, 51, avenue Jean Jaurès, Boîte postale 7073, F–69301 Lyon Cedex (FR).

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

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(11) **WO 98/48955** (13) A1

(21) PCT/DE98/01132

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 19 034.0 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B09C 1/02, 1/08, C02F 11/00**

(54) • METHOD FOR DECONTAMINATING CONTAMINATED SOILS
• PROCEDE DE NETTOYAGE DE SOLS CONTAMINES

(71) **GKSS–FORSCHUNGSZENTRUM GEESTHACHT GMBH** [DE/DE]; Max–Planck–Strasse, D–21502 Geesthacht (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUPCZIK, Günter** [DE/DE]; Wittenbergener Weg 18, D–22559 Hamburg (DE). **SCHULZE–ERFURT, Werner** [DE/DE]; Schulstrasse 15, D–21502 Geesthacht (DE). **LUTHER, Günter** [DE/DE]; Steinberg 37, D–21502 Geesthacht (DE).

(74) **NIEDMERS, Ole**; Niedmers & Partner, Van–der–Smissen–Strasse 3, D–22767 Hamburg (DE).

(81) NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48956** (13) A1

(21) PCT/BE98/00060

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 09700393 (32) **30 Apr/avr 1997 (30.04.1997)** (33) BE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B21B 27/10**

(54) • ROLL MILL SCRAPING DEVICE
• DISPOSITIF RACLEUR POUR LAMINOIR

(71) **TRAVHYDRO PLASTICS ET ISOLANTS MECANISES** [BE/BE]; Quai Timmermans 14, B–4000 Liège (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE RADIGUES, Hervé** [BE/BE]; Chemin du Couloury 11, B–4800 Lambermont (BE). **HINDRYCKX, Jean–Claude** [BE/BE]; Avenue Montefiore 79, B–4130 Esneux (BE).

(74) **VANDERPERRE, Robert**; Bureau Vander Haeghen, Avenue Rogier 19/013, B–4000 Liège (BE).

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

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(11) **WO 98/48957** (13) A1

(21) PCT/EP98/02418

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 472.8 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B21D 9/10, 7/08**

(54) • METHOD AND MODULAR–MULTISTATION DEVICE FOR FOLDING PROFILES
• PROCEDE ET DISPOSITIF DE PLIAGE DE PROFILES A POSTES MODULAIRES MULTIPLES

(71) **SUBAN AG** [CH/CH]; Habsburgerstrasse 20, CH–6002 Luzern (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPÄTH, Walter, E.** [CH/CH]; Untere Mühle 4, CH–8260 Stein am Rhein (CH).

(74) **RIEBLING, Peter**; Postfach 3160, D–88113 Lindau (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48958** (13) A1

(21) PCT/US98/08655

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/044,432 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 09/069,105 (32) **29 Apr/avr 1998 (29.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B21J 15/22, 15/02**

(54) • IMPROVED SWAGE FASTENING TOOL
• OUTIL DE FIXATION PAR EMBOUTISSAGE

(71, 72) **WILCOX, Robert, B.** [US/US]; 401 Ohayo Mountain Road, Woodstock, NY 12498 (US).

(74) **COLTON, Kendrew, H.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (US).

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

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(11) **WO 98/48959** (13) A1

(21) PCT/US98/08636

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,273 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B21K 1/58, 1/46**

(54) • RIVET FABRICATION METHOD
• PROCEDE DE FABRICATION DE RIVET

(71) **ALLFAST FASTENING SYSTEMS, INC.** [US/US]; 15200 East Don Julian Road, City of Industry, CA 91745 (US).

(72) **LUHM, Ralph**; 514 Green View Road, La Habra, CA 90631 (US).

(74) **BLAKELY, Roger, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (US).

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

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(11) **WO 98/48960** (13) A1

(21) PCT/EP98/02434

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 778.6 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(31) 197 42 794.4 (32) **27 Sep/sep 1997 (27.09.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B22D 11/04**

(54) • METHOD FOR SWAYING A CONTINUOUS CASTING MOLD
• METHODE DE BALANCEMENT D'UNE COQUILLE DE COULEE CONTINUE

(71) **SMS SCHLOEMANN–SIEMAG AKTIENGESELLSCHAFT** [DE/DE]; Eduard–Schloemann–Strasse 4, D–40237 Düsseldorf (DE). **ACCIAI SPECIALI TERNI S.P.A.** [IT/IT]; Viale B. Brin, 218, I–05100 Terni (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUCKER, Jürgen** [DE/DE]; Steffenstrasse 26, D–40545 Düsseldorf (DE). **WEYER, Axel** [DE/DE]; Rauhausfeld 27, D–42349 Wuppertal

(DE). **CAPOTOSTI, Romeo** [IT/IT]; Strada Dellegrazie, 10, I–05020 Narni (IT). **CRISTALLINI, Alessandro** [IT/IT]; Via Melbourne, 45, I–00139 Roma (IT).

(74) **VALENTIN, Ekkehard**; Müller–Grosse–Pollmeier–Valentin–Gihske, Hammerstrasse 2, D–57072 Siegen (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48961** (13) A1

(21) PCT/US98/08676

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,275 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23B 3/24**

(54) • APPARATUS FOR RECONDITIONING TUBULAR CONNECTION SEAL SHOULDERS
• APPAREIL DE RECONDITIONNEMENT D'EPAULEMENTS D'ETANCHEITE DE RACCORD TUBULAIRE

(71, 72) **FRAERING, Camille, M., Jr.** [US/US]; 2408 Blue Haven Drive, New Iberia, LA 70560 (US).

(74) **LAMBERT, Jesse, D.**; P.O. Box 3507, Lafayette, LA 70502 (US).

(81) CA DK GB ID NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48962** (13) A2

(21) PCT/US98/08294

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,143 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23B 27/00**

(54) • THERMOPLASTIC MULTI–LAYER COMPOSITE STRUCTURE
• STRUCTURE COMPOSITE MULTICOUCHE THERMOPLASTIQUE

(71) **BRUNSWICK CORPORATION** [US/US]; 1 North Field Court, Lake Forest, IL 60045–4811 (US).

(72) **REEVES, Charlie**; 1100 Old Parsonage Drive, Merritt Island, FL 32953 (US). **CRANE, Stephen**; 19910 Marine Drive, N.W., Stanwood, WA 98292 (US).

(74) **DIMAGGIO, Dale, Paul**; Malin, Haley, DiMaggio & Crosby, P.A., Suite 1609, One East Broward Boulevard, Fort Lauderdale, FL 33301 (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 GW 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48963** (13) A1

(21) PCT/SE98/00765

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) sv (26) en

(31) 9701603–4 (32) **28 Apr/avr 1997** (33) SE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23B 27/10, 29/12**

(54) • CUTTING TOOL
• OUTIL DE COUPE

(71) **SANDVIK AKTIEBOLAG** [SE/SE]; S–811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SJÖDEN, Johan** [SE/SE]; Urbergsterrassen 40 3tr., S–802 62 Gävle (SE).

(74) **TÅQUIST, Lennart**; Sandvik Aktiebolag, Patent Dept., S–811 81 Sandviken (SE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48964** (13) A1

(21) PCT/EP98/02383

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 17 835.9 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23B 29/034**

(54) • TOOL AND METHOD FOR PROCESSING PERFORATIONS
• OUTIL ET METHODE D'USINAGE DE PERFORATIONS

(71) **MAPAL FABRIK FÜR PRÄZISIONSWERKZEUGE DR. KRESS KG** [DE/DE]; Obere Bahnstrasse 13, D–73431 Aalen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KURZ, Artur** [DE/DE]; Zollernstrasse 16, D–73240 Wendlingen (DE).

(74) **GLEISS, Alf–Olav** et al. / etc.; Maybachstrasse 6A, D–70469 Stuttgart (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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48965** (13) A1

(21) PCT/SE98/00760

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) sv (26) en

(31) 9701599–4 (32) **29 Apr/avr 1997** (33) SE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23B 29/24**

(54) • MEANS FOR MUTUALLY PARALLEL DISPLACEMENT OF TOOL HOLDERS
• MOYEN PERMETTANT LE DEPLACEMENT PARALLELE DE PORTE–OUTILS

(71) **SANDVIK AKTIEBOLAG (publ)** [SE/SE]; S–811 81 Sandviken (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAGERBERG, Tomas** [SE/SE]; Rudgränd 3, S–194 61 Upplands Väsby (SE). **PRESLAND, Derek** [SE/SE]; Vrånga Gård, S–725 96 Västerås (SE).

(74) **TÅQUIST, Lennart**; Sandvik Aktiebolag, Patent Dept., S–811 81 Sandviken (SE).

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

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(11) **WO 98/48966** (13) A1

(21) PCT/US98/08213

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,952 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23B 41/02**

(54) • ANNULAR HOLE CUTTER
• ORGANE ANNULAIRE DE PERÇAGE

(71) **HOUGEN MANUFACTURING, INC.** [US/US]; 3001 Hougen Drive, Swartz Creek, MI 48473 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GILL, Jeffrey, S.** [US/US]; 2067 Hillsdale Drive, Davison, MI 48423 (US).

(74) **HONAKER, William, H.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48967** (13) A1

(21) PCT/US98/08026

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/841,261 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23C 5/20**

(54) • INDEXABLE INSERT ROUTER
• DETOUREUSE A PLAQUETTES AMOVIBLES

(71) **INGERSOLL CUTTING TOOL COMPANY** [US/US]; 505 Fulton Avenue, Rockford, IL 61103–4199 (US).

(72) **JOHNSON, William, Bennett**; 3607 Schalck Drive, Rockford, IL 61103 (US).

(74) **SAMPLES, Kenneth, H.** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 900, 135 S. LaSalle Street, Chicago, IL 60603 (US).

(81) BR CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48968** (13) A1

(21) PCT/JP98/01957

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/111423 (32) **28 Apr/avr 1997** (33) JP **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23H 5/00**

(54) • METHOD AND DEVICE FOR ELECTROLYTIC COMPOSITE POLISHING OF INNER SURFACE OF LONG METAL PIPE
• PROCEDE ET DISPOSITIF DE POLISSAGE ELECTROLYTIQUE COMPOSITE POUR LA SURFACE INTERNE D'UN LONG TUYAU METALLIQUE

(71) **NISSIN UNYU KOGYO CO., LTD.** [JP/JP]; 14–1, Chofuminato–machi, Shimonoseki–shi, Yamaguchi–ken 752–0953 (JP). **KOBE SPECIAL TUBE CO., LTD.** [JP/JP]; 13–1, Chofuminato–machi, Shimonoseki–shi, Yamaguchi–ken 752–0953 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRYUU, Yoshihisa** [JP/JP]; Kobe Special Tube Co., Ltd., 13–1, Chofuminato–machi, Shimonoseki–shi, Yamaguchi–ken 752–0953 (JP). **YASUNO, Shigeki** [JP/JP]; Kobe Special Tube Co., Ltd., 13–1, Chofuminato–machi, Shimonoseki–shi, Yamaguchi–ken 752–0953 (JP). **AKAGI, Kazuo** [JP/JP]; Nissin Unyu Kogyo Co., Ltd., 14–1, Chofuminato–machi, Shimonoseki–shi, Yamaguchi–ken 752–0953 (JP).

(74) **AKIMOTO, Teruo**; 1–1, Minami–aoyama 1–chome, Minato–ku, Tokyo 107 (JP).

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

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(11) **WO 98/48969** (13) A2

(21) PCT/AT98/00106

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) A 695/97 (32) **24 Apr/avr 1997** (33) AT **(24.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23K**

(54) • OBJECT, ABOVE ALL A PERSONAL OBJECT TO BE WORN BY AN INDIVIDUAL AND/OR AN OBJECT ASSOCIATED TO A SPECIFIC OBJECT, AS PART OF A DATA TRANSMISSION SYSTEM
• OBJET, NOTAMMENT OBJET PERSONNEL A PORTER PAR UNE PERSONNE ET/OU OBJET ASSOCIE A UN OBJET SPECIAL, FAISANT PARTIE D'UN SYSTEME DE TRANSMISSION DE DONNEES

(71, 72) **NIEDERNDORFER, Friedrich** [AT/AT]; Nr. 68, A–4861 Aurach am Hongar (AT). **BERGER, Fritz** [AT/AT]; Stadtplatz 17/18, A–4690 Schwanenstadt (AT). **GRAF STRACHWITZ VON GROSSZAUCHE UND CAMMINETZ, Ernst, Joachim** [DE/AT]; Neuwartenburg 1, A–4840 Timelkam (AT).

(74) **SECKLEHNER, Günter**; Pyhrnstrasse 1, A–8940 Liezen (AT).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48970** (13) A1

(21) PCT/EP98/00025

(22) **7 Jan/jan 1998 (07.01.1998)**

(25) de (26) de

(31) 297 08 123.3 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23K 5/22, F23D 14/40**

(54) • WELDING BURNER HEAD FOR LIQUID GAS
• TETE DE CHALUMEAU DE SOUDAGE POUR GAZ LIQUEFIES

(71) **ERNST O. STEMPFLE GMBH & CO.** [DE/DE]; Osterbrooksweg 71, D–22869 Schenefeld (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEMPFLE, Hans–Manuel** [DE/DE]; Rapsweg 5, D–22549 Hamburg (DE). **THIELE, Jens** [DE/DE]; Scheunhornweg 39, D–14542 Werder (DE). **SÜRING, Frank** [DE/DE]; Stahnsdorfer Strasse 65, D–14482 Potsdam (DE).

(74) **AHME, Johannes**; Uexküll & Stolberg, Beselerstrasse 4, D–22607 Hamburg (DE).

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

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(11) **WO 98/48971** (13) A1

(21) PCT/EP98/02398

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 462.0 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23K 9/12**

(54) • METHOD AND DEVICE FOR DETERMINING THE VOLTAGE AT WELDING POWER SOURCES
• PROCEDE ET DISPOSITIF DE DETERMINATION DE LA TENSION AUX SOURCES DE COURANT DE SOUDAGE

(71) **KUKA SCHWEISSANLAGEN GMBH** [DE/DE]; Blücherstrasse 144, D–86165 Augsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERRICH, Jörg** [DE/DE]; Nebelhornstrasse 54, D–86163 Augsburg (DE).

(74) **ERNICKE, Hans–Dieter** et al. / etc.; Schwibbogenplatz 2b, D–86153 Augsburg (DE).

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

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(11) **WO 98/48972** (13) A1

(21) PCT/DE98/01093

(22) **18 Apr/avr 1998 (18.04.1998)**

(25) de (26) de

(31) 197 18 042.6 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23K 9/20, F16B 37/04**

(54) • METHOD FOR WELDING METAL PARTS AND CAGE FOR USE IN SAID METHOD
• PROCEDE DE SOUDAGE DE COMPOSANTS METALLIQUES ET CAGE A UTILISER POUR METTRE EN OEUVRE LEDIT PROCEDE

(71) **ADAM OPEL AG** [DE/DE]; Bahnhofsplatz 1, D–65423 Rüsselsheim (DE).

(72) **SOBING, Dieter**; Im Steinigrod 17, D–65428 Rüsselsheim (DE). **OTTE, Manfred**; Eilweg 14, D–65396 Walluf (DE).

(74) **BERGERIN, Ralf**; Adam Opel AG, Patentwesen/80–34, D–65423 Rüsselsheim (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48973** (13) A1

(21) PCT/US98/08507

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/847,434 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23K 10/00**

(54) • PLASMA GUN AND METHODS FOR THE USE THEREOF
• CANON A PLASMA ET PROCEDES D'UTILISATION ASSOCIES

(71) **SCIENCE RESEARCH LABORATORY, INC.** [US/US]; 3300 Crismore Lane, Oakley, CA 94561 (US).

(72) **BIRX, Daniel, L.**; Route 2, 1740, 3300 Crismore Lane, Oakley, CA 94561 (US).

(74) **KRANSDORF, Ronald, J.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

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

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(11) **WO 98/48974** (13) A1

(21) PCT/US98/07477

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,239 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23K 11/02**

(54) • METHOD AND APPARATUS FOR JOINING METALS
• PROCEDE ET APPAREIL D'ASSEMBLAGE DE METAUX

(63) US 08/841,239 (CIP)
29 Apr/avr 1997 (29.04.1997)

(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) **CARNES, Robert, W., Jr.** [US/US]; 3502 Palomar Lane, Austin, TX 78727 (US). **HAASE, Paul, W.** [US/US]; 2967 Jenny Drive, Sugar Land, TX 77479 (US). **HUDSON, Robert, S.** [US/US]; 815 Theresa Avenue, Austin, TX 78703 (US). **NICHOLS, Steven, P.** [US/US]; 1400 Lorrain, Austin, TX 78703 (US).

(74) **ROZMAN, Mark, J.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48975** (13) A2

(21) PCT/DE98/01187

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 18 137.6 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23K 26/00**

(54) • METHOD AND DEVICE FOR CONTROLLING LASER EQUIPMENT
• PROCEDE ET DISPOSITIF DE COMMANDE D'APPAREILS LASER

(71) **LEMUTH PRÄZISIONSTEILE GMBH** [DE/DE]; Gewerbegebiet Dreißigacker, Gleimershäuser Strasse 14, D–98716 Meiningen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEMUTH, Meinhard** [DE/DE]; Kastanienweg 13, D–98639 Metzels (DE).

(74) **LIEDTKE, Klaus**; Postfach 100 956, D–99019 Erfurt (DE).

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

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(11) **WO 98/48976** (13) A1

(21) PCT/EP98/02509

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 18 396.4 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B23Q 5/04**

(54) • ADD–ON AGGREGATE FOR A MACHINING CENTRE
• AGREGAT EXTENSIBLE POUR CENTRES D'USINAGE

(71) **HOMAG MASCHINENBAU AG** [DE/DE]; Homagstrasse 5, D–72296 Schopfloch (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAUSS, Achim** [DE/DE]; Hauswiesenstrasse 3, D–75323 Bad Wildbach (DE). **KALMBACH, Kurt** [DE/DE]; Tannenweg 1, D–72275 Alpirsbach (DE).

(74) **KOHLMANN, Karl** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D–81925 München (DE).

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

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(11) **WO 98/48977** (13) A1

(21) PCT/SE98/00707

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) sv (26) en

(31) 9701554–9 (32) **25 Apr/avr 1997 (25.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B24D 9/02, B24B 21/14, 7/18, 23/06**

(54) • ROLL WITH SURFACE COATING
• ROULEAU DOTE D'UNE COUCHE DE REVETEMENT

(71) **KÅBE–MATTAN AB** [SE/SE]; P.O. Box 27811, S–115 93 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROOS, Anders** [SE/SE]; Borrvägen 3, S–716 93 Fjugesta (SE).

(74) **LAUTMANN, Kurt**; Kurt Lautmanns Patentbyrå Ab, P.O. Box 245, S–691 25 Karlskoga (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48978** (13) A1

(21) PCT/US98/07479

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/044,353 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B25D 1/00**

(54) • IMPACT TOOL
• INSTRUMENT D'IMPACT

(71, 72) **BURNETT, John, A.** [US/US]; 39940 N. Bartlett Lane, Wadsworth, IL 60083 (US).

(74) **HARBST, John, W.** et al. / etc.; 1264 Spaulding Road, Bartlett, IL 60103 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48979** (13) A2

(21) PCT/KR98/00106

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 1997/17165 (32) **28 Apr/avr 1997 (28.04.1997)** (33) KR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B25G**

(54) • FINGER SUPPORTING STRUCTURE
• STRUCTURE SUPPORT POUR DOIGT DE LA MAIN

(71, 72) **CHO, Myong, Ho** [KR/KR]; 205–153, Cheongryang 2–dong, Dongdaemoon–ku, Seoul 130–012 (KR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48980** (13) A1

(21) PCT/GB98/01047

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708368.7 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B25J 21/02, C12M 1/04**

(54) • CONTROLLED ATMOSPHERE EQUIPMENT
• EQUIPEMENT A ATMOSPHERE REGULEE

(71) **DON WHITLEY SCIENTIFIC LIMITED** [GB/GB]; 14 Otley Road, Shipley, West Yorkshire BD17 7SE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANNABLE, Michael, John** [GB/GB]; 24 Laurel Grove, Silsden, Keighley, West Yorkshire BD20 0AY (GB). **KITSELL, Evan, Jonathan** [GB/GB]; 22 Westerley Crescent, Silsden, Keighley, West Yorkshire BD20 0BW (GB). **WALTON, Julian, Stuart** [GB/GB]; 12 Green Bank Road, Bradford BD15 7RH (GB).

(74) **DODD, D., M.**; TNP Services, 5 Half Edge Lane, Eccles, Manchester M30 9GJ (GB).

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

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(11) **WO 98/48981** (13) A1

(21) PCT/GB98/01211

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708327.3 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B26B 3/08**

(54) • CUTTING SHEET MATERIAL
• COUPE DE MATIERE EN FEUILLE

(71, 72) **SHAH, Mumtaz** [GB/GB]; 96 Newport Road, Chorlton–cum–Hardy, Manchester M21 1WN (GB).

(74) **GOODWIN, Mark** et al. / etc.; Wilson Gunn M'Caw, 41–51 Royal Exchange, Cross Street, Manchester M2 7BD (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48982** (13) A1

(21) PCT/EP98/02350

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 17 830.8 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B26B 5/00**

(54) • MULTIPURPOSE KNIFE
• COUTEAU A USAGES MULTIPLES

(71) **WOLFCRAFT GMBH** [DE/DE]; Wolff–Strasse 1, D–56746 Kempenich (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEGEN, Klemens** [DE/DE]; Zur Geisley 8, D–56745 Weibern (DE).

(74) **GRUNDMANN, Dirk** et al. / etc.; Corneliusstrasse 45, D–42329 Wuppertal (DE).

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

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(11) **WO 98/48983** (13) A1

(21) PCT/EP98/02569

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 9708847.0 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(31) 9708848.8 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B26B 19/38, C25D 1/08**

(54) • SHAVING SYSTEMS AND FOILS
• SYSTEMES ET FEUILLES METALLIQUES DE RASAGE

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

(72, 75) **PACKHAM, Charles, C.** [GB/GB]; 35 Old Wokingham Road, Crowthorne, Berks. RG45 6SS (GB). **CRICHTON, Trevor, John** [GB/GB]; The Pheasantries, Ley Hill, Chesham, Bucks. HP5 3QR (GB).

(74) **AVERY, Stephen, J.** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D–81925 Munich (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48984** (13) A1

(21) PCT/DE98/01151

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 18 306.9 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27F 1/02, B27M 1/08**

(54) • METHOD FOR MACHINING WORKPIECES
• PROCEDE D'USINAGE DE PIECES

(71, 72) **PURSCHKE, Günter** [DE/DE]; Oleanderstrasse 9, D–75031 Eppingen (DE).

(74) **FRANK, Gerhard** et al. / etc.; Schwarzwaldstrasse 1A, D–75173 Pforzheim (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DK EE ES FI GB GE HU ID 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48985** (13) A1

(21) PCT/DE98/00869

(22) **25 Mar/mar 1998 (25.03.1998)**

(25) de (26) de

(31) 197 17 706.9 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27G 13/04, 13/12, B27M 1/00**

(54) • HAND PLANER
• RABOT A MAIN

(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) **ZAISER, Adolf** [DE/DE]; Lilienweg 3, D–73257 Koengen (DE).

(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48986** (13) A1

(21) PCT/EP98/02489

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) de (26) de

(31) 297 07 504.7 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27G 15/00, 17/00, 17/06**

(54) • HOLE DIGGER
• TARIERE

(71, 72) **HEINRICH, Jürgen, Klaus, Peter** [DE/DE]; Unterwesthausen 24, D–42857 Remscheid (DE).

(74) **EICHLER, Peter** et al. / etc.; Brahmsstrasse 29, D–42289 Wuppertal (DE).

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

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(11) **WO 98/48987** (13) A1

(21) PCT/US98/08274

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,926 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27K 3/15, 3/26**

(54) • FIRE RESISTANCE CELLULOSIC MATERIALS AND RENDERING SUCH CELLULOSIC MATERIALS LEACH RESISTANT
• MATERIAUX CELLULOSIQUES RESISTANT AU FEU ET TRAITEMENT RENDANT CES MATERIAUX RESISTANTS AU LAVAGE

(71) **SOLUTIA INC.** [US/US]; 10300 Olive Boulevard, St. Louis, MO 63167 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARSHINOVA, Rose, P.** [US/US]; 19599 Hitchock Road, Chesterfield, MO 63017 (US). **GRIFFITH, Edward, J.** [US/US]; 310 Coventry Lane, Manchester, MO 63021 (US).

(74) **SIECKMANN, Gordon, F.**; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112–3801 (US) et al. / etc.

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48988** (13) A1

(21) PCT/FI98/00366

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 971824 (32) **29 Apr/avr 1997** (33) FI **(29.04.1997)**

(31) U970324 (32) **9 Jul/juil 1997** (33) FI **(09.07.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27L 7/00**

(54) • A METHOD AND DEVICES FOR SPLITTING WOOD
• PROCEDE ET DISPOSITIF POUR FENDRE DU BOIS

(71, 72) **SARVELA, Vilho, Juhani** [FI/FI]; Harjuviita 2 A 8, FIN–02110 Espoo (FI).

(74) **LAITINEN, Pauli, S.**; Patentti–Laitinen Oy, P.O. Box 29, FIN–02771 Espoo (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48989** (13) A1

(21) PCT/DE98/00953

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) de (26) de

(31) 197 18 287.9 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27M 1/06, B23K 26/00**

(54) • METHOD FOR MODIFYING WOODEN SURFACES
• PROCEDE POUR MODIFIER DES SURFACES EN BOIS

(71) **FRAUNHOFER–GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D–80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PANZNER, Michael** [DE/DE]; Steglichstrasse 24, D–01324 Dresden (DE). **WIEDEMANN, Günther** [DE/DE]; Luchbergstrasse 14, D–01237 Dresden (DE). **LENK, Andreas** [DE/DE]; Windmühlenhöhe 11, D–01728 Possendorf (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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48990** (13) A1

(21) PCT/JP98/01938

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/148378 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27N 3/00**

(54) • BOARDS PRODUCED WITH THE USE OF GRASS PLANT LIGNIN AND PROCESS FOR PRODUCING THE SAME
• PLANCHES FABRIQUEES AU MOYEN DE LIGNINE DE PLANTES HERBEUSES ET LEUR PROCEDE DE FABRICATION

(71, 72) **KONO, Tsuyoshi** [JP/JP]; 333–189, Midoro–cho, Matsuyama–shi, Ehime 791–0244 (JP).

(74) **SHIGA, Masatake** et al. / etc.; OR Building, 23–3, Takadanobaba 3–chome, Shinjuku–ku, Tokyo 169–8925 (JP).

(81) AU CN JP US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48991** (13) A1

(21) PCT/US98/08691

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,697 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27N 3/00**

(54) • WOUND PRODUCT CORES AND PROCESSES FOR MAKING THEM
• MANDRINS DE PRODUITS ENROULES ET LEUR PROCEDE DE FABRICATION

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

(72) **HSU, Jay, C.**; 615 Portico Point, Alpharetta, GA 30202 (US). **TANNER, James, J.**; 6844 Wentzel Shore Road, Winneconne, WI 54986 (US).

(74) **JONES, Neil, C.** et al. / etc.; Dority & Manning, P.A., P.O. Box 1449, Greenville, SC 29602–1449 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48992** (13) A1

(21) PCT/NL98/00233

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) nl (26) en

(31) PCT/NL97/00228 (32) **25 Apr/avr 1997** (33) NL **(25.04.1997)**

(31) 1006615 (32) **18 Jul/juil 1997** (33) NL **(18.07.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B27N 7/00**

(54) • METHOD AND DEVICE FOR THE MOULDING OF WOOD FIBRE BOARD
• PROCEDE ET DISPOSITIF PERMETTANT DE MOULER UN PANNEAU DE FIBRES DE BOIS

(71) **PINTU ACQUISITION COMPANY, INC.** [US/US]; Two Manhattanville Road, Purchase, New York 10577 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANKEFORT, Maurice** [NL/FR]; Campagne Beaufort, 1330, route de Puyricard, F–13100 Aix–en–Provence (FR). **CHARLES, Alex** [NZ/NZ]; Apartment O, Bond Store Apartments, 8, Egmont Street, Te Aro, Wellington 1 (NZ).

(74) **'T JONG, Bastiaan, Jacobus**; Arnold & Siedsma, Sweelinckplein 1, NL–2517 GK The Hague (NL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48993** (13) A1

(21) PCT/US98/08490

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,271 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B29C 35/08, 41/02**

(54) • SOLID IMAGING PROCESS USING COMPONENT HOMOGENIZATION
• PROCEDE DE FORMATION D'IMAGES D'OBJETS PLEINS PAR HOMOGENEISATION DES COMPOSANTS

(71, 72) **LAWTON, John, A.** [US/US]; 255 North Creek Road, Landenburg, PA 19350 (US).

(74) **CONNOLLY, BOVE, LODGE & HUTZ**; 1220 Market Street, P.O. Box 2207, Wilmington, DE 19899 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48994** (13) A1

(21) PCT/US98/08282

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,919 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B29C 49/00**

(54) • LIGHTWEIGHT BOTTLES AND METHOD FOR MAKING SAME
• BOUTEILLES LEGERES ET LEUR PROCEDE DE FABRICATION

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

(72) **SPRAYBERRY, Harold, Blake**; 252 Ascot Drive, Kingsport, TN 37663 (US). **VERET, Vincent**; 7, rue de la Fontaine au Bois, F–60600 Etouy (FR).

(74) **HARDING, Karen, A.**; P.O. Box 511, Kingsport, TN 37662–5075 (US).

(81) AU BR CA CN JP MX RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48995** (13) A1

(21) PCT/US98/08873

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,243 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B29C 51/02**

(54) • PRE–CUT ROLL AND THERMOFORMER MACHINE
• ROULEAU PREDECOUPE ET MACHINE A THERMOFORMER

(71, 72) **JONES, William, C.** [US/US]; 3 Ida Lane, East Sandwich, MA 02537 (US).

(74) **FOX, Steven, N.**; P.O. Box 352, Canton, MA 02021 (US).

(81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48996** (13) A1

(21) PCT/FR98/00781

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) fr (26) fr

(31) 97/05603 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B29C 59/04, F16C 13/00, C25F 3/00**

(54) • METHOD FOR MAKING A CALENDER ROLL AND THERMOPLASTIC SHEETS OR FILMS OBTAINED BY CALENDERING WITH SUCH A ROLL
• PROCEDE DE FABRICATION D'UN CYLINDRE DE CALANDRAGE ET FEUILLES OU FILMS THERMOPLASTIQUES OBTENUS PAR LAMINAGE AU MOYEN D'UN TEL CYLINDRE

(71) **GUIAL** [FR/FR]; 56, impasse Edison, F–69400 Villefranche–sur–Saône (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEZIER, Bernard** [FR/FR]; 1, impasse Charrière, F–69370 Saint–Didier–au–Mont–d'Or (FR).

(74) **MATKOWSKA, Franck**; Cabinet Beau de Loménie, 37, rue du Vieux Faubourg, F–59800 Lille (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48997** (13) A1

(21) PCT/US98/08133

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/847,855 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B29C 67/00**

(54) • APPARATUS AND METHOD FOR CONTROLLING EXPOSURE OF A SOLIDIFIABLE MEDIUM USING A PULSED RADIATION SOURCE IN BUILDING A THREE–DIMENSIONAL OBJECT
• APPAREIL ET PROCEDE POUR REGLER L'EXPOSITION D'UN MILIEU SOLIDIFIABLE A UNE SOURCE DE RAYONNEMENT PULSE DANS LA CONSTRUCTION D'UN OBJET TRIDIMENSIONNEL

(71) **3D SYSTEMS, INC.** [US/US]; 26081 Avenue Hall, Valencia, CA 91355 (US).

(72) **PARTANEN, Jouni, P.**; 1146 Montecito Drive, Los Angeles, CA 90031 (US). **SMALLEY, Dennis, R.**; 25029 Wheeler Road, Newhall, CA 91321 (US).

(74) **YANNUZZI, Daniel, N.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/48998** (13) A1

(21) PCT/FR98/00844

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05678 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B29D 31/508, A43B 9/16**

(54) • METHOD FOR MAKING FOOTWEAR WITH FLANGES
• PROCEDE DE FABRICATION D'UN ARTICLE CHAUSSANT A BRIDE(S)

(71) **MANUFACTURE DU PONTIS** [FR/FR]; F–24320 Verteillac (FR).

(72) **JOURDANNE, Claude**; Rue Georges Brassens, F–24300 Nontron (FR).

(74) **HAMMOND, William**; Cabinet Courtassol & Associés, 9, rue de Condé, F–33000 Bordeaux (FR).

(81) CN JP KR NO SG VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/48999** (13) A1

(21) PCT/FR98/00860

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) 97/05378 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(31) 97/05535 (32) **6 May/mai 1997 (06.05.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B29D 31/515, A43B 23/16**

(54) • COMPOSITE PLASTIC MATERIAL TOE CAPS FOR SECURITY SHOES, AND FABRICATION PROCESS
• EMBOUTS POUR CHAUSSURES DE SECURITE EN MATIERE PLASTIQUE COMPOSITE ET LEUR PROCEDE DE FABRICATION

(71) **JALLATTE** [FR/FR]; Société Anonyme, F–30170 Saint Hyppolyte du Fort (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARMIER, Jean** [FR/FR]; 32, avenue Carnot, F–78500 Sartrouville (FR). **CREYSSON, Olivier** [FR/FR]; 19, allée des Gros Chênes, F–78480 Verneuil sur Seine (FR).

(74) **DAWIDOWICZ, Armand**; Cabinet Dawidowicz, 18, boulevard Pereire, F–75017 Paris (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49000** (13) A1

(21) PCT/US98/08634

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/840,395 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 3/02**

(54) • DIMENSIONALLY STABLE TUFTED CARPET
• TAPIS TUFTE AUX DIMENSIONS STABLES

(71) **DARWIN ENTERPRISES, INC.** [US/US]; P.O. Box 3992, Dalton, GA 30719 (US).

(72) **LINVILLE, Steve** [US/US]; 2929 Sagebrush Drive, Flower Mound, TX 75028 (US).

(72) **IRWIN, Donald, A., Sr.**; 107 Azalea Drive, Dalton, GA 30721 (US).

(74) **MIDDLETON, James, B.**; P.O. Box 1968, Decatur, GA 30031–1968 (US).

(81) AU BB BG BR BY CH CZ FI HU JP KP KR KZ LK MG MN MW NO NZ PL RO RU SD SK UA VN; 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 ML MR NE SN TD TG).

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(11) **WO 98/49001** (13) A1

(21) PCT/US98/08549

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,192 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 3/26, 5/28**

(54) • LIGHTWEIGHT HIGH DAMPING POROUS METAL/PHTHALONITRILE COMPOSITES
• COMPOSITES METAL/PHTALONITRILE A GRANDE CAPACITE D'ABSORPTION POREUX ET LEGERS

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA as represented by THE SECRETARY OF THE NAVY** [US/US]; 4555 Overlook Avenue, S.W., Code 3008.2, Washington, DC 20375–5325 (US).

(72) **KELLER, Teddy, M.**; 6633 Sky Blue Court, Arlington, VA 22315 (US). **IMAM, Ashraf, M.**; 1159 Mill Garden Court, Great Falls, VA 22066 (US). **SASTRI, Satya, B.**; 7920 Greenbury Drive, Greenbelt, MD 20770 (US).

(74) **MCDONNELL, Thomas, E.**; Code 3008.2, Naval Research Laboratory, Washington, DC 20375–5325 (US).

(81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49002** (13) A1

(21) PCT/US97/07673

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 5/16**

(54) • HIGH STRENGTH COMPOSITE MATERIALS
• MATERIAUX COMPOSITES HAUTE RESISTANCE

(71) **TOX–WASETECH, INC.** [US/US]; 629 Gables, Wheaton, IL 60187 (US).

(72) **DRIGGET, Richard, A.**; 963 Lavoie Avenue, Elgin, IL 60120 (US). **SCOTT, William, C.**; 45 W. 451 Ramm Road, Maple Park, IL 60151 (US).

(74) **LIONE, Richard, G.**; Brinks Hofer Gilson & Lione, NBC Tower, Suite 3600, 455 North Cityfront Plaza Drive, Chicago, IL 60611–5599 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49003** (13) A1

(21) PCT/US98/08041

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/846,188 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 9/04, 27/08**

(54) • FILM STRUCTURE
• STRUCTURE DE FILM

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **BADER, Michael, John**; 41 Southcross Trail, Fairport, NJ 14450 (US). **JOHNSON, James, Arthur, Jr.**; 244 Buffalo Street, Canandaigua, NY 14424 (US). **SANTOLI, Susan**; 176 Warrington Drive, Rochester, NY 14618 (US). **TRAN, Francis, Dzuy**; 22 Stanford Way, Fairport, NY 14450 (US).

(74) **SINNOTT, Jessica, M.** et al. / etc.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).

(81) AU BR CA CN ID JP KR SG VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49004** (13) A1

(21) PCT/IB98/00952

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 97107034.7 (32) **28 Apr/avr 1997 (28.04.1997)** (33) EP

(34) AT et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 19/04, E04B 1/94, C09K 21/00**

(54) • REFRACTORY STRATIFIED SLAB, PROCESS FOR PRODUCING THE SAME AND ITS USE
• DALLE STRATIFIEE REFRACTAIRE, SON PROCEDE DE FABRICATION ET SON UTILISATION

(71) **MINERALKA D.O.O.** [SI/SI]; C.4, maja 16, 1380 Cerknica (SI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ŠILC, Milan** [SI/SI]; Presernova 32, 1236 Trzin (SI). **MAROLT, Iva** [SI/SI]; Cesta 4, maja 89, 1380 Cerknica (SI).

(81) AU BG BR CN CZ FI HU JP KR NO PL RO SI SK UA US UZ VN; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/49005** (13) A1

(21) PCT/GB98/01271

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 9708854.6 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 27/08, 27/32, B65D 65/40, 75/30, B32B 7/04**

(54) • HIGH BARRIER, MULTI–LAYER, NONDELAMINATABLE FILMS FOR VACUUM SKIN PACKAGING APPLICATIONS
• FEUILS MULTICOUCHES EXTREMEMENT RESISTANTS EN STRATIFIE INDECOLLABLE POUR PELLIPLACAGE SOUS VIDE

(71) **SEALED AIR (FPD) LIMITED** [GB/GB]; Stafford Park 9, Telford, Shropshire TF3 3BZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BALDERSON, Simon, Neville** [GB/GB]; Green Tops, Spring Village, Horsehay, Telford TF4 2LX (GB). **WHITWOOD, Robert, John** [GB/GB]; 280 Stone Road, Stafford, Staffordshire SR16 INS (GB). **CRAIG, Peter, Bertie** [GB/GB]; 41 Daniels Cross, Newport, Shropshire TF10 7XJ (GB). **UNWIN, Harvey, James** [GB/GB]; 8 Botfield Close, Randley, Telford, Shropshire TF3 2LY (GB).

(74) **BANKES, Stephen, Charles, Digby** et al. / etc.; Baron and Warren, 18 South End, Kensington, London W8 5BU (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49006** (13) A1

(21) PCT/EP98/02348

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 18 199.6 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 27/28, 27/32, B29D 7/01**

(54) • MULTI–LAYERED STRETCHED HOT–SEALABLE POLYPROPYLENE FILM WITH A POLYKETONE GAS BARRIER LAYER
• FILM EN POLYPROPYLENE MULTICOUCHE, THERMOSOUDABLE, ETIRE, MUNI D'UNE COUCHE DE BARRAGE AU GAZ EN POLYCETONE

(71) **WOLFF WALSRODE AG** [DE/DE]; D–29655 Walsrode (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPERLICH, Bernd** [DE/DE]; Hannoversche Strasse 6, D–29664 Walsrode (DE). **BRANDT, Rainer** [DE/DE]; Krelingen 164, D–29664 Walsrode (DE).

(74) **HELLFELDT, Kurt**; Bayer AG, D–51368 Leverkusen (DE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49007** (13) A1

(21) PCT/EP98/02349

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 18 192.9 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 27/28, 27/32, B29D 7/01**

(54) • METALLIZABLE BOPP FILM WITH AN OUTER POLYKETONE LAYER
• FILM EN POLYPROPYLENE (BOPP) METALLISABLE A COUCHE EXTERIEURE EN POLYCETONE

(71) **WOLFF WALSRODE AG** [DE/DE]; D–29655 Walsrode (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SPERLICH, Bernd** [DE/DE]; Hannoversche Strasse 6, D–29664 Walsrode (DE). **BRANDT, Rainer** [DE/DE]; Krelingen 164, D–29664 Walsrode (DE).

(74) **HELLFELDT, Kurt**; Bayer AG, D–51368 Leverkusen (DE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49008** (13) A1

(21) PCT/JP98/01953

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/112445 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 9/112446 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 27/36, G11B 5/704**

(54) • LOWLY ELECTRIFIABLE COMPOSITE POLYESTER FILM
• COUCHE DE POLYESTER COMPOSITE FAIBLEMENT ELECTRISABLE

(71) **TEIJIN LIMITED** [JP/JP]; 6–7, Minamihommachi 1–chome, Chuo–ku, Osaka–shi, Osaka 541–0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOJO, Mitsuo** [JP/JP]; Teijin Limited, Sagamihara Research Center, 37–19, Oyama 3–chome, Sagamihara–shi, Kanagawa 229–1105 (JP). **UCHIDA, Toshikazu** [JP/JP]; Teijin Limited, Sagamihara Research Center, 37–19, Oyama 3–chome, Sagamihara–shi, Kanagawa 229–1105 (JP). **OSAWA, Toshifumi** [JP/JP]; Teijin Limited, Sagamihara Research Center, 37–19, Oyama 3–chome, Sagamihara–shi, Kanagawa 229–1105 (JP).

(74) **OHSHIMA, Masataka**; Ohshima Patent Office, Fukuya Building, 3, Yotsuya 4–chome, Shinjuku–ku, Tokyo 160–0004 (JP).

(81) ID JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49009** (13) A1

(21) PCT/US98/08637

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/848,683 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 31/00**

(54) • SIMULTANEOUS AMPLITUDE AND FORCE PROFILING DURING ULTRASONIC WELDING OF THERMOPLASTIC WORKPIECES
• REGLAGE SIMULTANE DE L'AMPLITUDE ET DE LA FORCE LORS DU SOUDAGE PAR ULTRASONS DE PIECES THERMOPLASTIQUES

(71) **EMERSON ELECTRIC CO.** [US/US]; 8000 West Florissant, St. Louis, MO 63136 (US).

(72) **GREWELL, David, A.**; 36 Oak Crest Circle, Waterbury, CT 06708 (US).

(74) **CUNNINGHAM, William, B., Jr.**; Polster, Lieder, Woodruff & Lucchesi, 763 South New Ballas Road, St. Louis, MO 63141 (US).

(81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49010** (13) A2

(21) PCT/EP98/01934

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) de (26) de

(31) 197 18 471.5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B32B 31/12, G11B 7/26, B05B 5/10**

(54) • METHOD AND DEVICE FOR GLUING TWO SUBSTRATES
• PROCEDE ET DISPOSITIF POUR ASSEMBLER DEUX SUBSTRATS PAR COLLAGE

(71) **STEAG HAMATECH GMBH MACHINES** [DE/DE]; Ferdinand–von–Steinbeis–Ring 10, D–75447 Sternenfels (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBER, Klaus** [DE/DE]; Friendenstrasse 58, D–75015 Bretten (DE). **SPEER, Ulrich** [DE/DE]; Weberstrasse 48a, D–75239 Eisingen (DE).

(81) CA CN IL JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49011** (13) A1

(21) PCT/JP98/01854

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/109105 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(31) 9/134325 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B41J 29/00, 19/20, 2/24**

(54) • CARRIAGE FOR PRINTERS
• CHARIOT D'IMPRIMANTE

(71) **CITIZEN WATCH CO., LTD.** [JP/JP]; 1–1, Nishishinjuku 2–chome, Shinjuku–ku, Tokyo 163–0428 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HASEGAWA, Kazumi** [JP/JP]; 29–9, Nishisuna–cho 2–chome, Tachikawa–shi, Tokyo 190–0034 (JP).

(74) **TAKEMOTO, Shoji**; 2F., Yamagata Building, 23–10, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).

(81) CN JP US.

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(11) **WO 98/49012** (13) A1

(21) PCT/EP98/02540

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 18 434.0 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B41J 29/46**

(54) • PROCESS FOR OPERATING A HIGH–SPEED PRINTER OR COPYING MACHINE PROVIDING INSTRUCTIONS IN THE EVENT OF A FAILURE
• PROCEDE D'EXPLOITATION D'UNE IMPRIMANTE OU D'UNE PHOTOCOPIEUSE A GRANDE VITESSE AVEC INSTRUCTIONS SUR LA PROCEDURE A SUIVRE EN CAS D'INCIDENTS

(71) **OCE PRINTING SYSTEMS GMBH** [DE/DE]; Siemensallee 2, D–85586 Poing (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAY, Heinrich** [DE/DE]; Altdorfer Strasse 8, D–84513 Töging (DE). **WARBUS, Volker** [DE/DE]; Münchner Strasse 18, D–82041 Oberhaching (DE). **SCHEIDIG, Karola** [DE/DE]; Herdweg 2 B, D–85652 Pliening (DE).

(74) **SCHAUMBURG, Karl–Heinz** et al. / etc.; Postfach 86 07 48, D–81634 München (DE).

(81) CA DE JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49013** (13) A1

(21) PCT/FR98/00861

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) 197 18 303.4 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B41M 1/34, B44C 1/02**

(54) • METHOD FOR MAKING A GLASS SUBSTRATE WITH INK–BASED PATTERNS
• PROCEDE DE FABRICATION D'UN SUBSTRAT EN VERRE POURVU DE MOTIF(S) A BASE D'ENCRE(S)

(71) **SAINT–GOBAIN VITRAGE** [FR/FR]; 18, avenue d'Alsace, F–92400 Courbevoie (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NICOLIN, Heinz–Josef** [DE/DE]; Posener Strasse 69, D–74321 Bietigheim–Bissingen (DE).

(74) **GOLDENBERG, Virginie**; Saint–Gobain Recherche, 39, quai Lucien Lefranc, F–93300 Aubervilliers (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49014** (13) A1

(21) PCT/GB98/01216

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708582.3 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B41M 5/124, 3/14, 5/132**

(54) • RECORD MATERIAL FOR PRESSURE–SENSITIVE COPYING SYSTEMS
• MATIERE D'ENREGISTREMENT POUR SYSTEMES DE REPROGRAPHIE SENSIBLES A LA PRESSION

(71) **ARJO WIGGINS LIMITED** [GB/GB]; Gateway House, Basing View, P.O. Box 88, Basingstoke, Hampshire RG21 4EE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COOPER, John, Brian** [GB/GB]; The House at Pooh Corner, Home Lane, Sparsholt, Nr. Winchester, Hampshire SO21 2NN (GB). **DUMOULIN, Christian** [BE/BE]; 12, place des Deportes, B–1400 Nivelles (BE). **SHEIHAM, Ivan** [GB/GB]; 12 Wynnstay Gardens, Marlow, Buckinghamshire SL7 3NR (GB). **TEMPLEY, Margaret, Patricia** [GB/GB]; 34 Chalgrove Road, Thame, Oxfordshire 0X9 3TF (GB).

(74) **NORRIS, Richard, John**; Arjo Wiggins Appleton plc, Intellectual Property Dept., Butler's Court,Wattleton Road, Beaconsfield, Buckinghamshire HP9 1RT (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49015** (13) A1

(21) PCT/US98/08770

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,425 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B42D 1/00, G09B 3/00**

(54) • MAGNETIC MANIPULATIVES BOOK
• LIVRE A PIECES MAGNETIQUES A MANIPULER

(71) **INNOVATIVE USA, INC.** [US/US]; 3rd floor West, 100 First Stamford Place, Stamford, CT 06902 (US).

(72) **LEVINS, Michael**; 317 Greens Farms Road, Westport, CT 06880 (US).

(74) **CLEMENT, Alan, B.**; Hedman, Gibson & Costigan, P.C., 1185 Avenue of the Americas, New York, NY 10036 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49016** (13) A1

(21) PCT/FR98/00862

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) 97/05597 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B42D 15/00**

(54) • FIDUCIARY DOCUMENT COATED WITH SECURITY PRINTS
• DOCUMENT FIDUCIAIRE REVETU D'IMPRESSIONS DE SECURITE

(71) **FRANCOIS CHARLES OBERTHUR FIDUCIAIRE** [FR/FR]; 102, boulevard Malesherbes, F–75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTIN, Jérôme** [FR/FR]; 2, rue Jacques Gabriel, F–35000 Rennes (FR).

(74) **BRANGER, Jean–Yves**; Cabinet Regimbeau, 11, rue Franz Heller, B.P. 19107, F–35019 Rennes Cedex 7 (FR).

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

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(11) **WO 98/49017** (13) A1

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(22) **23 Apr/avr 1998 (23.04.1998)**

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(31) 9/109503 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B44C 1/17**

(54) • METHOD AND APPARATUS FOR APPLYING A MARKING FILM WITH PRESSURE–SENSITIVE ADHESIVE
• PROCEDE ET DISPOSITIF PERMETTANT L'APPLICATION D'UN FILM A MARQUES POURVU D'UN ADHESIF AUTOCOLLANT

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HIRATA, Makoto** [JP/JP]; 323, Tanagashira, Oyama–cho, Sunto–jun, Shizuoka (JP).

(74) **KNECHT, Harold, C., III** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

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

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(11) **WO 98/49018** (13) A1

(21) PCT/US98/08230

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,810 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B44C 1/22**

(54) • METHOD AND APPARATUS FOR A SUBSTRATE HAVING AN IRREGULAR SHAPE
• PROCEDE RELATIF A UN SUBSTRAT DE FORME IRREGULIERE ET APPAREIL CORRESPONDANT

(71) **STELLEX MICROWAVE SYSTEMS, INC.** [US/US]; 3333 Hillview Avenue, Palo Alto, CA 94304 (US).

(72) **MORLEY, Bruce, A.**; 982 Coeur d'Alene Way, Sunnyvale, CA 94087 (US).

(74) **TEST, Aldo, J.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111–4187 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49019** (13) A1

(21) PCT/PL97/00023

(22) **29 Sep/sep 1997 (29.09.1997)**

(25) en (26) en

(31) P.319675 (32) **25 Apr/avr 1997 (25.04.1997)** (33) PL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B44D 3/00, B05C 21/00**

(54) • DEVICE FOR CLEANING PAINT ROLLERS
• DISPOSITIF DE NETTOYAGE DE ROULEAUX DE PEINTURE

(71, 72) **BUJNOWICZ, Michał** [PL/PL]; ul. Bracka 33 m.60, PL–95–200 Pabianice (PL).

(74) **FEDEROWICZ, Jadwiga**; Al. Smigłego–Rydza 29 m.11, PL–93–281 Łódz (PL).

(81) CA CN CZ HU JP NO RU SE UA US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49020** (13) A1

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(22) **28 Apr/avr 1997 (28.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60C 9/14, 13/00**

(54) • TIRE HAVING FLOATING REINFORCEMENT IN THE SHOULDER/SIDEWALL
• PNEU COMPORTANT UNE ARMATURE FLOTTANTE DANS L'EPAULEMENT/FLANC

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44316–0001 (US).
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(72, 75) **OARE, Thomas, Reed** [US/US]; 1901 Swartz Road, Suffield, OH 44260 (US). **BEAUVAIS, Melissa, Marie** [US/US]; 1463 Hunters Lake East, Cuyahoga Falls, OH 44221 (US). **McDOUGAL, Jennifer, Ann** [US/US]; 1463 Hunters Lake East, Cuyahoga Falls, OH 44221 (US). **LOSEY, Robert, Allen** [US/US]; 1634 Meloy Road, Kent, OH 44240 (US).

(74) **WHEELER, David, E.**; The Goodyear Tire & Rubber Company, Dept.823, 1144 East Market Street, Akron, OH 44316–0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49021** (13) A1

(21) PCT/US97/07008

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60C 11/03 // 111:00, 115:00, 107:02**

(54) • ASYMMETRIC DIRECTIONAL PNEUMATIC AGRICULTURAL TIRE
• PNEU TRACTEUR DIRECTIONNEL ASYMETRIQUE

(71) **THE GOODYEAR TIRE & RUBBER COMPANY** [US/US]; 1144 East Market Street, Akron, OH 44316–0001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BONKO, Mark, Leonard** [US/US]; 13236 Williamsburg Avenue, N.W., Uniontown, OH 44685 (US).

(74) **KING, David, L.**; The Goodyear Tire & Rubber Company, Dept. 823, 1144 East Market Street, Akron, OH 44316–0001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49022** (13) A1

(21) PCT/EP98/02492

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 17 676.3 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60C 11/16**

(54) • TYRES WITH MOBILE SPIKES
• PNEUS A CRAMPONS MOBILES

(71, 72) **LUKASIK, Tadeusz** [PL/DE]; Am Krausbaum 38, D–51147 Köln (DE).

(74) **KLÖPSCH, Gerald**; Boehmert & Boehmert, Benrather Schlossallee 53, D–40597 Düsseldorf (DE).

(81) BY CA CZ EE IS JP LT LV NO PL RU UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49023** (13) A1

(21) PCT/EP98/02103

(22) **9 Apr/avr 1998 (09.04.1998)**

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(31) 197 17 418.3 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60G 17/015, 21/10, 21/00**

(54) • MULTI–TRACK CURVE TILTING VEHICLE
• VEHICULE A VOIES MULTIPLES A INCLINAISON DANS LES VIRAGES

(71) **DAIMLER–BENZ AKTIENGESELLSCHAFT** [DE/DE]; Epplestrasse 225, D–70546 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRAUN, Dieter** [DE/DE]; Hartwaldstrasse 51/1, D–70378 Stuttgart (DE).

(74) **DAHMEN, Toni** et al. / etc.; Daimler–Benz Aktiengesellschaft, FTP/S, C106, D–70546 Stuttgart (DE).

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

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(11) **WO 98/49024** (13) A1

(21) PCT/SE98/00761

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(31) 9701601–8 (32) **29 Apr/avr 1997** (33) SE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60H 1/00, B62D 25/14, B60K 37/00**

(54) • ARRANGEMENT FOR VEHICLE BODY STRUCTURE
• SYSTEME DESTINE A LA STRUCTURE DE LA CARROSSERIE D'UN VEHICULE

(71) **AB VOLVO** [SE/SE]; S–405 08 Göteborg (SE). **LEAR CORPORATION SWEDEN INTERIOR SYSTEMS AB** [SE/SE]; Salsmästaregatan 32, S–422 46 Hisings Backa (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAERT, Michel** [SE/SE]; Gråskärsgatan 24, S–421 59 Västra Frölunda (SE). **REICH, Hans** [SE/SE]; Götagatan 21B, S–432 42 Varbert (SE). **NORDLING, Lars** [SE/SE]; Flatön 8705, S–474 91 Ellös (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S–401 22 Göteborg (SE).

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

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(11) **WO 98/49025** (13) A1

(21) PCT/FR98/00526

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) fr (26) fr

(31) 97/05370 (32) **30 Apr/avr 1997** (33) FR **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60M 1/08, 1/34**

(54) • GROUND POWER SUPPLY FOR ELECTRIC VEHICLE WITH EARTH CONNECTION
• DISPOSITIF D'ALIMENTATION PAR LE SOL DE VEHICULE ELECTRIQUE AVEC MISE A LA TERRE

(71) **SOCIETE GENERALE DE TECHNIQUES ET D'ETUDES** [FR/FR]; 10, avenue de l'Entreprise, Parc Saint–Christophe, F–95863 Cergy–Pontoise (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PERRAUD, Olivier** [FR/FR]; Résidence Liéna, 75, square Copernic, F–78150 Le Chesnay (FR). **BRUNET, Stéphane** [FR/FR]; 13–15, rue des Petits Carreaux, F–75002 Paris (FR). **MORIN, Bruno** [FR/FR]; 168, rue de Grenelle, F–75007 Paris (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

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

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(11) **WO 98/49026** (13) A1

(21) PCT/FR98/00819

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/05345 (32) **30 Apr/avr 1997** (33) FR **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60N 2/00, 2/08**

(54) • ARRANGEMENT FOR ADJUSTING THE LONGITUDINAL POSITION AND MAINTAINING THEREIN A MOTOR VEHICLE SEAT
• AGENCEMENT POUR LE REGLAGE DE LA POSITION LONGITUDINALE ET LE BLOCAGE EN POSITION REGLEE D'UN SIEGE DE VEHICULE AUTOMOBILE

(71) **RENAULT** [FR/FR]; 34, quai du Point du Jour, F–92109 Boulogne Billancourt (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIRARDI, Philippe** [FR/FR]; 16, rue Albert Molinier, F–95410 Groslay (FR). **AMERIGO, Marc** [FR/FR]; 65, rue de Sèvres, F–92100 Boulogne Billancourt (FR).

(74) **HILLION, Didier**; Renault, Sce 0267–TPZ–OJ2–1 10, 860, quai de Stalingrad, F–92109 Boulogne Billancourt (FR).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49027** (13) A1

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(25) fr (26) fr

(31) 97/05344 (32) **30 Apr/avr 1997** (33) FR **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60N 2/00, 2/08**

(54) • SYSTEM FOR ADJUSTING THE LONGITUDINAL POSITION AND MAINTAINING THEREIN A MOTOR VEHICLE SEAT
• SYSTEME POUR LE REGLAGE DE LA POSITION LONGITUDINALE ET LE BLOCAGE EN POSITION REGLEE D'UN SIEGE DE VEHICULE AUTOMOBILE

(71) **RENAULT** [FR/FR]; 34, quai du Point du Jour, F–92109 Boulogne Billancourt (FR).
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(72, 75) **GIRARDI, Philippe** [FR/FR]; 16, rue Albert Molinier, F–95410 Groslay (FR). **AMERIGO, Marc** [FR/FR]; 65, rue de Sèvres, F–92100 Boulogne Billancourt (FR).

(74) **HILLION, Didier**; Renault, Sce 0267 – TPZ – OJ2 – 1 10, 860, quai de Stalingrad, F–92109 Boulogne Billancourt (FR).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/845,992 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60Q 1/00**

(54) • AN ALERTNESS MONITOR
• SYSTEME DE SURVEILLANCE DE LA VIGILANCE

(71) **APPLIED SCIENCE GROUP, INC.** [US/US]; 175 Middlesex Turnpike, Bedford, MA 01730–1428 (US).

(72) **BORAH, Joshua, D.**; 1650 West Street, Mansfield, MA 02048 (US). **SINCLAIR, Robert, I.**; 3 Roxciticus Road, Mendham, NJ 07945 (US).

(74) **PRAHL, Eric, L.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110–2804 (US).

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

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(11) **WO 98/49029** (13) A1

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(22) **23 Apr/avr 1998 (23.04.1998)**

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(31) 08/848,559 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60Q 1/48**

(54) • ELECTRONIC PARKING METER OPERATING SYSTEM
• SYSTEME D'EXPLOITATION ELECTRONIQUE DE PARCOMETRE

(71) **DUNCAN INDUSTRIES PARKING CONTROL SYSTEMS CORP.** [US/US]; 340 Industrial Park Road, P.O. Box 849, Harrison, AR 72601 (US).

(72) **SUTTON, Joseph, H.**; 102 Approach Drive, Harrison, AR 72601 (US). **CARMEN, Ralph, H.**; 1605 Sandpiper Street, Merritt Island, FL 32952 (US). **RODGERS, J., Michael**; Route 1, Box 405B, Harrison, AR 72601 (US).

(74) **KENAGA, Michael, L.**; Rudnick & Wolfe, P.O. Box 64807, Chicago, IL 60664–0807 (US).

(81) AU BR CA CN GB IL MX NZ.

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(11) **WO 98/49030** (13) A1

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(22) **23 Mar/mar 1998 (23.03.1998)**

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(31) 97/05196 (32) **28 Apr/avr 1997** (33) FR **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60R 21/09, B60T 7/06**

(54) • MOTOR VEHICLE PEDAL ARRANGEMENT
• AGENCEMENT DE PEDALE POUR VEHICULE AUTOMOBILE

(71) **BOSCH SYSTEMES DE FREINAGE** [FR/FR]; 126, rue de Stalingrad, F–93700 Drancy (FR).
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(72, 75) **LEBOISNE, Cédric** [FR/FR]; 47, rue Crozatier, F–75012 Paris (FR). **ANTHERIEU, Frédéric** [FR/FR]; 15, rue de Trucy, F–94120 Fontenay–sous–Bois (FR).

(74) **BENTZ, Jean–Paul**; Bosch Systèmes de Freinage, Service Brevets, 126, rue de Stalingrad, F–93700 Drancy (FR).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49031** (13) A1

(21) PCT/US98/08429

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/044,829 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) 09/066,547 (32) **24 Apr/avr 1998** (33) US **(24.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60R 21/16**

(54) • VEHICLE OCCUPANT DISCRIMINATION SYSTEM AND METHOD
• SYSTEME ET PROCEDE DE DISCRIMINATION DES OCCUPANTS D'UN VEHICULE

(71) **AUTOMOTIVE SYSTEMS LABORATORY, INC.** [US/US]; Suite B–12, 27200 Haggerty Road, Farmington Hills, MI 48331 (US).

(72) **GILLIS, Edward, J.**; 822 Norchester, South Lyon, MI 48178 (US). **MAHBUB, Naveed**; 35210 Drakeshire Place #204, Farmington, MI 48335 (US). **FARMER, Michael, E.**; 5119 Lake Bluff Road, West Bloomfield, MI 48323 (US). **CAMPBELL, James, A.**; 7136 Plymouth Road, Ann Arbor, MI 48105 (US). **STANLEY, J., Gregory**; 21945 Daleview Drive, Novi, MI 48374 (US).

(74) **LYON, Lyman, R.**; Lyon, P.C., Suite 207, 3883 Telegraph Road, Bloomfield Hills, MI 48302–1476 (US).

(81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49032** (13) A1

(21) PCT/US98/08635

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 847,269 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60R 21/16**

(54) • SEAT–INTEGRATED AIR BAG DEPLOYMENT DOOR
• VOLET DE DEPLOIEMENT DE COUSSIN GONFLABLE DE SECURITE INTEGRE AU SIEGE

(71) **BREED AUTOMOTIVE TECHNOLOGY, INC.** [US/US]; P.O. Box 33050, Lakeland, FL 33807–3050 (US).

(72) **LACHAT, Michael, J.**; 53450 Hunters Crossing, Shelby Township, MI 48315 (US).

(74) **SEITZMAN, Markell**; Breed Automotive Technology, Inc., 7000 Nineteen Mile Road, Sterling Heights, MI 48314 (US).

(81) BR JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49033** (13) A1

(21) PCT/DE98/00808

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) de (26) de

(31) 197 18 931.8 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60R 21/20**

(54) • AIRBAG COVERING CAP COMPRISING A SUPPORT LAYER AND A COVER LAYER OF DIFFERENT ELASTICITIES
• ELEMENT DE RECOUVREMENT D'AIRBAG CONSTITUE D'UNE COUCHE DE SUPPORT ET D'UNE COUCHE DE RECOUVREMENT PRESENTANT DES ELASTICITES DIFFERENTES

(71) **PETRI AG** [DE/DE]; Bahnweg 1, D–63743 Aschaffenburg (DE).
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(72, 75) **HELFRICH, Rudolf** [DE/DE]; Heckenweg 11, D–63743 Aschaffenburg (DE). **THOMAS, Michael** [DE/DE]; Goethestrasse 9, D–63868 Großwallstadt (DE). **VÄTH, Norbert** [DE/DE]; Hauptstrasse 43, D–97839 Esselbach (DE). **KLEIN, Thomas** [DE/DE]; Mittlere Maingasse 6, D–63814 Mainaschaff (DE). **KRESS, Bernhard** [DE/DE]; Einsteinstrasse 2, D–63768 Hösbach (DE). **WOLLEB, Norbert** [DE/DE]; Güterberg 39, D–63739 Aschaffenburg (DE). **SIEIRA, Tomás** [ES/ES]; Asturias, 17, E–36205 Vigo (ES). **HAUCK, Hans, Martin** [DE/DE]; Schaffnitzstrasse 9, D–64285 Darmstadt (DE).

(74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D–10707 Berlin (DE).

(81) BR JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49034** (13) A1

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(22) **24 Apr/avr 1998 (24.04.1998)**

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(31) 9/109939 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60R 21/26**

(54) • GAS GENERATING DEVICE FOR AIR BAG AND AIR BAG INFLATING METHOD
• DISPOSITIF DE PRODUCTION DE GAZ DESTINE A UN COUSSIN GONFLABLE ET PROCEDE DE GONFLAGE DE CE COUSSIN

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Ohaza Kadoma, Kadoma–shi, Osaka 571–0050 (JP). **MIYATA INDUSTRY CO., LTD.** [JP/JP]; 1–1, Shimomachiya 1–chome, Chigasaki–shi, Kanagawa 253–0087 (JP).
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(72, 75) **YAMAMORI, Kiyoshi** [JP/JP]; 5, Ottomo–cho 1–chome, Kanazawa–ku, Yokohama–shi, Kanagawa 236–0024 (JP). **ONO, Takuhiro** [JP/JP]; Room 3–801, Tohkenzamahaitsu, 3011–18, Iriya 4–chome, Zama–shi, Kanagawa 228–0024 (JP). **KAWAUCHI, Yoshikazu** [JP/JP]; Room 104 Daiaparesu–Mukougaokayuen, 12–1, Higashimita 1–chome, Tama–ku, Kawasaki–shi, Kanagawa 214–0033 (JP). **TAKEYAMA, Shigeru** [JP/JP]; 33–17–221, Sugao 3–chome, Miyamae–ku, Kawasaki–shi, Kanagawa 216–0015 (JP). **ETO, Norimasa** [JP/JP]; 10–22, Higashinakahara 1–chome, Hiratsuka–shi, Kanagawa 254–0077 (JP). **TAKAHASHI, Hiroyuki** [JP/JP]; 2140–24, Kouzu, Odawara–shi, Kanagawa 256–0812 (JP). **USUI, Yasushi** [JP/JP]; 2775–19, Ouzenji, Asao–ku, Kawasaki–shi, Kanagawa 215–0013 (JP).

(74) **SHIMIZU, Yoshihiro** et al. / etc.; Room 201, Takadanobaba Center Building, 12–8, Takadanobaba 3–chome, Shinjuku–ku, Tokyo 169–0075 (JP).

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

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(11) **WO 98/49035** (13) A1

(21) PCT/GB98/01133

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 9708748.0 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60R 22/40, 22/26**

(54) • RETRACTOR
• ENROULEUR

(71) **ALLIEDSIGNAL SISTEMI DI SICUREZZA S.P.A.** [IT/IT]; Via San Quintino, 31, I–10021 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)

(71) **FREEMAN, Jacqueline, Carol** [GB/GB]; W.P. Thompson & Co., Celcon House, 289–293 High Holborn, London WC1V 7HU (GB).
(only for / seulement pour MG)

(72, 75) **COPPO, Fulvio** [IT/IT]; Via Pietro Micca, 22, I–10045 Piossasco (IT).

(74) **FREEMAN, Jacqueline, Carol**; W.P. Thompson & Co., Celcon House, 289–293 High Holborn, London WC1 7HU (GB).

(81) JP KR MG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49036** (13) A1

(21) PCT/ES98/00096

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) es (26) es

(31) P 9700897 (32) **25 Apr/avr 1997 (25.04.1997)** (33) ES

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60S 1/48**

(54) • SYSTEM FOR SPREADING A FLUID ON THE EXTERNAL SURFACE OF A VEHICLE WINDSHIELD
• SYSTEME PERMETTANT DE REPANDRE UN FLUIDE SUR LA SURFACE EXTERNE DU PARE–BRISE D'UN VEHICULE

(71) **FICO TRANSPAR, S.A.** [ES/ES]; Gran Vía Carlos III, 98, E–08028 Barcelona (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MERCIER MESTRE, Joan, Ricard** [ES/ES]; Calle Pineda, 2, E–08750 Molins de Rei (ES).

(74) **SUGRAÑES MOLINE, Pedro**; Calle Provenza, 304, E–08008 Barcelona (ES).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49037** (13) A2

(21) PCT/US98/08273

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/045,044 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 09/064,402 (32) **22 Apr/avr 1998 (22.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60T**

(54) • PARK BRAKE CABLE SYSTEM INCLUDING CONNECTOR CLIP AND ASSOCIATED METHOD OF TENSIONING
• SYSTEME DE CABLE DE FREIN DE STATIONNEMENT COMPRENANT UNE PINCE DE RACCORDEMENT ET PROCEDE DE TENSIONNEMENT ASSOCIE

(71, 72) **PETRAK, Gregory, H.** [US/US]; 16488 West 55th Drive, Golden, CO 80403 (US).

(74) **OSMAN, Lee, R.** et al. / etc.; Holland & Hart L.L.P., Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201–8749 (US).

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

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(11) **WO 98/49038** (13) A1

(21) PCT/EP98/00922

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) de (26) de

(31) 197 17 686.0 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60T 8/88**

(54) • CIRCUIT CONFIGURATION FOR A MOTOR VEHICLE CONTROL SYSTEM
• DISPOSITIF DE COMMUTATION POUR SYSTEME DE REGULATION POUR VEHICULE A MOTEUR

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIERS, Bernhard** [DE/DE]; Kaiser Sigmund Strasse 60, D–60320 Frankfurt am Main (DE).

(74) **BLUM, K.–D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D–60488 Frankfurt am Main (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49039** (13) A1

(21) PCT/EP98/01107

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) de (26) de

(31) 197 18 242.9 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60T 13/68, 8/36, F16K 31/06**

(54) • METHOD AND DEVICE FOR CONTACTING THE COILS OF MAGNETIC VALVES IN ADJUSTABLE BRAKING SYSTEMS
• DISPOSITIF ET PROCEDE POUR LA MISE EN CONTACT DE BOBINES D'ELECTROVANNES D'UN SYSTEME DE FREINAGE REGLABLE

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEISE, Andreas** [DE/DE]; Braunstrasse 21, D–64720 Michelstadt (DE).

(74) **BLUM, K.–D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D–60488 Frankfurt am Main (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49040** (13) A1

(21) PCT/JP98/01867

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/108602 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60T 17/02**

(54) • BRAKING DEVICE
• DISPOSITIF DE FREINAGE

(71) **UNISIA JECS CORPORATION** [JP/JP]; 1370, Onna, Atsugi–shi, Kanagawa 243–8510 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANAUCHI, Koji** [JP/JP]; Unisia Jecs Corporation, 1370, Onna, Atsugi–shi, Kanagawa 243–8510 (JP).

(74) **SHIGA, Fujiya**; Ekisaikai Building, 1–29, Akashi–cho, Chuo–ku, Tokyo 104–0044 (JP).

(81) DE KR US.

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(11) **WO 98/49041** (13) A1

(21) PCT/EP98/01907

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) de (26) de

(31) 197 17 774.3 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B60T 17/22, 8/34**

(54) • METHOD FOR PREFILLING THE SECONDARY CIRCUITS OF HYDRAULIC POWER UNITS IN ELECTRONIC BRAKING SYSTEMS
• PROCEDE DE PREREMPLISSAGE DU CIRCUIT SECONDAIRE D'APPAREILS HYDRAULIQUES DE SYSTEMES DE FREINAGE ELECTRONIQUES

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAECHLE, Martin** [DE/DE]; Am Rech 1, D–61479 Glashütten (DE).

(74) **BLUM, K.–D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D–60488 Frankfurt am Main (DE).

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

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(11) **WO 98/49042** (13) A1

(21) PCT/PL98/00020

(22) **30 Apr/avr 1998 (30.04.1998)**

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(31) P.319799 (32) **30 Apr/avr 1997 (30.04.1997)** (33) PL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B61G 11/16, F16F 7/12, 1/44, B60R 19/18**

(54) • PROCESS AND DEVICE FOR ABSORBING IMPACT ENERGY, IN PARTICULAR IN AUTOMATIC COUPLINGS OF RAIL VEHICLES
• PROCEDE ET DISPOSITIF POUR ABSORBER L'ENERGIE DE CHOCS, NOTAMMENT DANS DES ATTELAGES AUTOMATIQUES DE VEHICULES SUR RAILS

(71) **FABRYKA URZADZEN MECHANICZNYCH KAMAX S.A.** [PL/PL]; ul. Zielona 2, PL–37–220 Kanczuga (PL).

(72) **KUBICKI, Antoni**; ul. Krasickiego 15/25, PL–37–200 Przeworsk (PL). **STRZYZ, Eugeniusz**; Chechły 126 A, PL–37–100 Ropczyce (PL). **CHMIELEWSKI, Andrzej**; ul. Sienkiewicza 8/4, PL–37–200 Przeworsk (PL). **KEDZIOR, Józef**; ul. Klaudyny 34/72, PL–01–884 Warszawa (PL). **POPŁAWSKI, Wojciech**; ul. Afrykanska 12 B/13, PL–03–966 Warszawa (PL). **MILCZARSKI, Kazimierz**; ul. Chopina 7/58, PL–00–559 Warszawa (PL). **MICHAJŁOW, Władimir Maksymowicz**; ul. Garibaldi 36 m 49, Moscow, 117418 (RU). **FILIPOW, Wiktor Nikołajewicz**; ul. Miłaszenkowa 12 B m 111, Moscow, 127322 (RU). **DIMITROW, Walentin Wiktorowicz**; ul. Poputnaja 1/3/79, Moscow (RU). **SKURATOW, Aleksander Jewgieniewicz**; Szosse Entuzjastow 98/4/658, Moscow, 111531 (RU). **CURIENKO, Władimir Nikołajewicz**; ul. Jubilejnaja 3/254, Szczerbinka, 142002 (RU). **ULIANOW, Oleg Aleksandrowicz**; ul. Kujbyszewa 25, Mendelejewo, 141570 (RU).

(74) **DRESZER–LICHANSKA, Hanna**; Deresz und Dreszer, Al. Niepodległosci 188 B, PL–00–608 Warszawa (PL).

(81) CZ RU SK UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49043** (13) A1

(21) PCT/EP98/02301

(22) **18 Apr/avr 1998 (18.04.1998)**

(25) de (26) de

(31) 197 17 796.4 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B62D 5/06**

(54) • POWER STEERING WITH HYDRAULIC POWER ASSISTANCE
• SERVO–DIRECTION A SERVO–ASSISTANCE HYDRAULIQUE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D–88038 Friedrichshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ELSER, Dieter** [DE/DE]; Jägerstrasse 10, D–73547 Essingen (DE). **BRAUN, Andreas** [DE/DE]; Heubacher Strasse 70, D–73529 Schwäbisch Gmünd (DE). **ZEITZ, Wolfgang** [DE/DE]; Sandweg 37, D–73527 Schwäbisch Gmünd (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D–88038 Friedrichshafen (DE).

(81) BR CN JP KR TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49044** (13) A1

(21) PCT/US98/07780

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 60/044,997 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B62D 33/06**

(54) • VEHICLE CAB SUSPENSION UNIT
• UNITE DE SUSPENSION POUR CABINE DE VEHICULE

(71) **APPLIED POWER INC.** [US/US]; 13000 West Silver Spring Drive, Butler, WI 53007 (US).

(72) **CONAWAY, Richard, L.**; 12887 Buchanan Street, Grand Haven, MI 49417 (US). **STUYVENBERG, Douglas, G.**; 4121 North 104 Street #104, Milwaukee, WI 53222 (US).

(74) **FRANZINI, John, D.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202–4497 (US).

(81) AU CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49045** (13) A1

(21) PCT/CH98/00153

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) fr (26) fr

(31) 969/97 (32) **25 Apr/avr 1997 (25.04.1997)** (33) CH

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B62K 21/12, 21/26**

(54) • BICYCLE HANDLEBARS WITH COMPOSITE ELEMENTS
• GUIDON DE VELO AVEC ELEMENTS COMPOSITES

(71, 72) **BENDER, Georges** [CH/CH]; Route de Bassin 18, CH–1963 Vétroz (CH).

(74) **WIRZ, François**; Case postale 74, CH–1965 Savièse (CH).

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

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(11) **WO 98/49046** (13) A1

(21) PCT/FR98/00821

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/05128 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B62K 25/28, 25/30**

(54) • BICYCLE REAR SUSPENSION
• SUSPENSION ARRIERE POUR BICYCLETTE

(71) **RENAULT SPORT** [FR/FR]; 1, avenue du Président Kennedy, F–91177 Viry–Châtillon (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TRIBOTTE, Pascal** [FR/FR]; 27–29, avenue Stephen Pichon, F–75013 Paris (FR).

(74) **FERNANDEZ, Francis**; Renault, Sce 0267 – TPZ – 0J2 – 1 10, 860, quai de Stalingrad, F–92109 Boulogne Billancourt (FR).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49047** (13) A2

(21) PCT/FR98/00869

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) 97/05421 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63B 7/00**

(54) • WATER SPORT MACHINE
• ENGIN DE LOISIR NAUTIQUE MOTORISE

(71, 72) **BELLENS, Marcel** [FR/FR]; La Chapelle Auzac, F–46200 Souillac (FR). **MAUVIGNER, Franck** [FR/FR]; 3, allée des Bosquets, F–94800 Villejuif (FR).

(74) **BREESE–MAJEROWICZ**; 3, avenue de l'Opéra, F–75001 Paris (FR).

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

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(11) **WO 98/49048** (13) A1

(21) PCT/GB98/01089

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 9708699.5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63B 21/26, 21/38**

(54) • MARINE ANCHORS
• ANCRES MARINES

(71) **BRUPAT LIMITED** [GB/GB]; Anchor House, Cronkbourne, Douglas, Isle of Man IM4 4QE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRUCE, Peter** [GB/GB]; Kidborough, Belmont Hill, Douglas, Isle of Man IM1 4NX (GB).

(74) **FITZPATRICKS**; 4 West Regent Street, Glasgow G2 1RS (GB).

(81) AL AU AZ BB BG BR CA CN CU DE DK EE ES FI GB GE GH GM GW ID IL IS JP KE KP KR KZ LC LK LR LT LV MG MX NO NZ PL PT RO RU SD SE SG SL TM TR TT UA US VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49049** (13) A1

(21) PCT/FR98/00865

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) 97/05266 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63B 21/66**

(54) • PARAVANE AND DEVICE FOR CONTROLLING THE SPACING OF MARINE STREAMS COMPRISING SAME

- PARAVANE ET DISPOSITIF POUR LE CONTROLE DE L'ECARTEMENT DE CABLES SISMIQUES MARINS COMPORTANT UN TEL PARAVANE

(71) **CGG MARINE** [FR/FR]; 2, rue Galvani, F–91300 Massy (FR). **ETAT FRANÇAIS représenté par LE DELEGUE GENERAL POUR L'ARMEMENT** [FR/FR]; 26, boulevard Victor, F–00460 Armées (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REGNAULT, Alain** [FR/FR]; 6, allée Albert Thomas, F–91300 Massy (FR). **AUBRY, Jacques** [FR/FR]; 12, rue du Docteur Kurzenne, F–78350 Jouy–en–Josas (FR). **CORDIER, Stéphane** [FR/FR]; 14 bis, rue des Frères Nicolle, F–76000 Rouen (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

(81) NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49050** (13) A1

(21) PCT/US97/20976

(22) **14 Nov/nov 1997 (14.11.1997)**

(25) en (26) en

(31) 08/845,593 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63B 22/02**

(54) • RISER MOUNTING ARRANGEMENT FOR A MOORING SYSTEM
• ENSEMBLE DE MONTAGE DE TUBE PROLONGATEUR POUR SYSTEME D'AMARRAGE

(71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).

(72) **BOATMAN, Terry, L.**; 12515 Whispering Sands Court, Houston, TX 77041 (US). **YETMAN, Richard, D.**; 13411 Lucien Lane, Tomball, TX 77375 (US).

(74) **BUSH, Gary, L.**; Bush, Riddle & Jackson, L.L.P., Suite 180, 950 Echo Lane, Houston, TX 77024 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA UZ VN; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49051** (13) A1

(21) PCT/FR98/00839

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) fr (26) fr

(31) 97/05252 (32) **29 Apr/avr 1997** (33) FR **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63B 25/00, 1/12**

(54) • AUTONOMOUS CONTAINER SHIP WITH HULL INCORPORATING A PROPULSION UNIT
• NAVIRE PORTE–CONTENEURS AUTONOME A COQUE INTEGRANT UN ENSEMBLE PROPULSIF

(71) **ETAT FRANÇAIS représenté par LE DELEGUE GENERAL POUR L'ARMEMENT** [FR/FR]; La Rotonde, 26, boulevard Victor, F–00460 Armées (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE LAN, Jean–Yves** [FR/FR]; 2, rue des Ajoncs, F–56270 Ploemeur (FR). **DE SMIRNOFF, Olivier** [FR/FR]; Résidence "Plein Soleil", Promenage Buffet, F–56290 Port Louis (FR). **PERSON, Daniel** [FR/FR]; 83, rue du Stade, F–44220 Coueron (FR). **FOURNIER, Christian, Gilles** [FR/FR]; 9, avenue Jean Monnet, F–92130 Issy–les–Moulineaux (FR).

(81) AU CA CN JP KP KR NO PL RO SG TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49052** (13) A1

(21) PCT/FR98/00840

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) fr (26) fr

(31) 97/05250 (32) **29 Apr/avr 1997** (33) FR **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63B 25/00, 1/12**

(54) • AUTONOMOUS CONTAINER SHIP
• NAVIRE PORTE–CONTENEURS AUTONOME

(71) **ETAT FRANCAIS représenté par le DELEGUE GENERAL POUR L'ARMEMENT** [FR/FR]; La Rotonde, 26, boulevard Victor, F–00460 Armees (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LELAN, Jean–Yves** [FR/FR]; 2, rue des Ajoncs, F–56270 Ploemeur (FR). **DE SMIRNOFF, Olivier** [FR/FR]; Résidence Plein Soleil, Promenade Buffet, F–56290 Port Louis (FR). **PERSON, Daniel** [FR/FR]; 83, rue du Stade, F–44220 Coueron (FR). **FOURNIER, Christian, Gilles** [FR/FR]; 9, avenue Jean Monnet, F–92130 Issy–les–Moulineaux (FR).

(74) **DELEGATION GENERALE POUR L'ARMEMENT**; Bureau de la Propriété Industrielle, 16 bis, avenue Prieur de la Côte d'Or, F–94114 Arcueil Cedex (FR).

(81) AU CA CN JP KP KR NO PL RO SG TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49053** (13) A1

(21) PCT/FR98/00841

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) fr (26) fr

(31) 97/05251 (32) **29 Apr/avr 1997** (33) FR **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63B 25/00, 1/12**

(54) • CONTAINER HANDLING MEANS FOR CONTAINER SHIP
• MOYENS DE MANUTENTION POUR NAVIRE PORTE CONTENEUR

(71) **ETAT FRANÇAIS représenté par LE DELEGUE GENERAL POUR L'ARMEMENT** [FR/FR]; La Rotonde, 26, boulevard Victor, F–00460 Armées (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE LAN, Jean–Yves** [FR/FR]; 2, rue des Ajoncs, F–56270 Ploemeur (FR). **DE SMIRNOFF, Olivier** [FR/FR]; Résidence Plein Soleil, Promenade Buffet, F–56290 Port Louis (FR). **PERSON, Daniel** [FR/FR]; 83, rue du Stade, F–44220 Coueron (FR). **FOURNIER, Christian, Gilles** [FR/FR]; 9, avenue Jean–Monnet, F–92130 Issy–les–Moulineaux (FR).

(74) **DELEGATION GENERALE POUR L'ARMEMENT**; Bureau de la Propriété Industrielle, 16 bis, avenue Prieur de la Côte d'Or, F–94114 Arcueil Cedex (FR).

(81) AU CA CN JP KP KR NO PL RO SG TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49054** (13) A1

(21) PCT/EP98/01976

(22) **3 Apr/avr 1998 (03.04.1998)**

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(31) 197 16 749.7 (32) **11 Apr/avr 1997** (33) DE **(11.04.1997)**

(31) not furnished (32) **3 Apr/avr 1998** (33) DE **(03.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63C 11/24**

(54) • METHOD AND DEVICE FOR PRODUCING AUTONOMOUS BREATHING GAS AND PROCESSING AND PROVISION OF BREATHING GAS FOR A DIVER AT EXTREME DEPTHS
• PROCEDE ET DISPOSITIF POUR PRODUIRE, TRAITER ET FOURNIR DE FACON AUTONOME DU GAZ RESPIRATOIRE DESTINE A UN PLONGEUR SE TROUVANT A DES PROFONDEURS EXTREMES

(71, 72) **TODOROV, Gueorgui** [BG/DE]; Grosse Burgstrasse 30, D–23552 Lübeck (DE).

(81) AU BR BY CA CN CU DK ES FI GB ID IL JP KR MX NO NZ PT RO RU SE SG TR UA US YU; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49055** (13) A1

(21) PCT/GB98/01236

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708634.2 (32) **28 Apr/avr 1997** (33) GB **(28.04.1997)**

(31) 9801629.8 (32) **26 Jan/jan 1998** (33) GB **(26.01.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B63H 9/06**

(54) • BOAT AND SAIL
• EMBARCATION ET SA VOILE

(71, 72) **COLLINS, Roger, Charles** [GB/GB]; 3 Tower View, Uckfield, East Sussex TN22 1TP (GB). **COLLINS, Valerie, Hamilton** [GB/GB]; 3 Tower View, Uckfield, Sussex TN22 1TP (GB).

(74) **BROOKES & MARTIN**; High Holborn House, 52–54 High Holborn, London WC1V 6SE (GB).

(81) AU CA GB NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49056** (13) A1

(21) PCT/US98/07576

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 08/841,096 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B64C 13/04, 27/56**

(54) • A COLLECTIVE DETENT SYSTEM FOR VERTICAL TAKEOFF FLIGHT OPERATIONS
• SYSTEME D'ENCLIQUETAGE DE COLLECTIF POUR OPERATIONS DE DECOLLAGE VERTICAL

(71) **SIKORSKY AIRCRAFT CORPORATION** [US/US]; Legal–Intellectual Property Dept., 6900 Main Street, Mail Stop S316A, P.O. Box 9729, Stratford, CT 06497–9129 (US).

(72) **EVANS, Charles, W.**; 228 Greenwoods Road, Norfolk, CT 06058 (US). **COLE, Jeffrey, L.**; 2053 S.W. Pitts Terrace, Stuart, FL 34997 (US). **SLAYDEN, Jefferson, H.**; 134 Parkwood Drive, Royal Palm Beach, FL 33411 (US).

(74) **RADKE, Terrance, J.**; Sikorsky Aircraft Corporation, Legal–Intellectual Property Dept., 6900 Main Street, M/S S316A, P.O. Box 9729, Stratford, CT 06497–9129 (US).

(81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49057** (13) A1

(21) PCT/US98/07408

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) en (26) en

(31) 08/841,039 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B64C 27/35, F16N 15/00**

(54) • ANTI–FRETTING FORMABLE LINER
• REVETEMENT FORMABLE ANTI–USURE PAR CONTACT

(71) **SIKORSKY AIRCRAFT CORPORATION** [US/US]; Legal–Intellectual Property Dept, M/S S316A, 6900 Main Street, P.O. Box 9729, Statford, CT 06497–9129 (US).

(72) **HUNTER, David, H.**; 680 Country Wood Court, Cheshire, CT 06410 (US). **GIAMPAPA, James, S.**; 42 Shelton Road, Oxford, CT 06478 (US).

(74) **SOLOMON, Adam, C.**; Sikorsky Aircraft Corporation, Legal–Intellectual Property Dept., MS S316A, 6900 Main Street, P.O. Box 9729, Stratford, CT 06497–9129 (US).

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

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(11) **WO 98/49058** (13) A1

(21) PCT/EP98/01595

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) de (26) de

(31) 197 18 922.9 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B64G 1/26, G05D 1/08**

(54) • METHOD FOR LOW–FUEL, COMPUTER–ASSISTED CONTROL OF ANY NUMBER OF THRUSTERS ARRANGED ON A SPACECRAFT
• PROCEDE DE COMMANDE ASSISTEE PAR ORDINATEUR PERMETTANT UNE CONSOMMATION MINIMALE DE CARBURANT POUR DES TUYERES DISPOSEES SELON UNE QUELCONQUE CONFIGURATION SUR UN ENGIN SPATIAL

(71) **DAIMLER–BENZ AKTIENGESELLSCHAFT** [DE/DE]; D–70546 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÜTTE, Andreas** [DE/DE]; Colbestrasse 32, D–10247 Berlin (DE). **AUF DER HEIDE, Kolja** [DE/DE]; Elberfelder Strasse 9, D–10555 Berlin (DE).

(74) **LINDNER–VOGT, Karin**; Daimler–Benz Aktiengesellschaft, Intellectual Property Management, Gebäude 17, Sedanstrasse 10, D–89077 Ulm (DE).

(81) JP US; EP (DE FR GB).

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(11) **WO 98/49059** (13) A1

(21) PCT/JP98/01976

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/112416 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 9/306463 (32) **20 Oct/oct 1997 (20.10.1997)** (33) JP

(31) 9/306464 (32) **20 Oct/oct 1997 (20.10.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65B 3/10, B67C 3/24, B67B 3/00, B31B 1/94, B65G 47/68**

(54) • APPARATUS FOR CONVEYING, SUPPLYING, AND FILLING UNSHAPED CONTAINERS, AND METHOD FOR CONVEYING AND SUPPLYING THE SAME
• DISPOSITIF PERMETTANT DE TRANSPORTER, D'ALIMENTER ET DE REMPLIR DES RECIPIENTS INFORMES, ET PROCEDE PERMETTANT DE TRANSPORTER ET D'ALIMENTER LESDITS RECIPIENTS

(71) **MITSUBISHI HEAVY INDUSTRIES, LTD.** [JP/JP]; 5–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAKI, Yozo** [JP/JP]; Nagoya Machinery Works, Mitsubichi Heavy Industries, Ltd., 1, Aza Takamichi, Iwatsuka–cho, Nakamura–ku, Nagoya–shi, Aichi 453–0862 (JP). **MIZUKAWA, Kenji** [JP/JP]; Nagoya Machinery Works, Mitsubishi Heavy Industries, Ltd., 1, Aza Takamichi, Iwatsuka–cho, Nakamura–ku, Nagoya–shi, Aichi 453–0862 (JP). **JINNO, Koichi** [JP/JP]; Nagoya Machinery Works, Mitsubishi Heavy Industries, Ltd., 1, Aza Takamichi, Iwatsuka–cho, Nakamura–ku, Nagoya–shi, Aichi 453–0862 (JP).

(74) **MITSUISHI, Toshiro** et al. / etc.; Mitsuishi Law and Patent Office, Nihontanpahoso–kaikan, 9–15, Akasaka 1–chome, Minato–ku, Tokyo 107–0052 (JP).

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

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(11) **WO 98/49060** (13) A1

(21) PCT/JP98/01849

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/121518 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65B 9/06**

(54) • METHOD OF CONTROLLING END SEAL TIME IN BAG–MAKING, FILLING AND PACKAGING MACHINE
• PROCEDE DE REGULATION DU TEMPS DE SCELLAGE FINAL DANS UNE MACHINE DE FABRICATION, DE REMPLISSAGE ET D'EMBALLAGE DE SACS

(71) **KAWASHIMA PACKAGING MACHINERY LTD.** [JP/JP]; 434, Yatsuka–Kamicho, Soka–shi, Saitama 340–0024 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKIGAWA, Sadaomi** [JP/JP]; Kawashima Packaging Machinery Ltd., 434, Yatsuka–Kamicho, Soka–shi, Saitama 340–0024 (JP).

(74) **NOMURA, Yasuhisa**; Nomura Patent Office, Nibancho Building, 8–20, Nibancho, Chiyoda–ku, Tokyo 102–0084 (JP).

(81) AU CN NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49061** (13) A1

(21) PCT/US98/08226

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,328 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65B 35/50**

(54) • EFFICIENT SHEET STACK PACKAGING TECHNIQUE
• PROCEDE EFFICIENT D'EMPAQUETAGE DE PILES DE FEUILLES

(71) **AVERY DENNISON CORPORATION** [US/US]; 150 North Orange Grove Boulevard, Pasadena, CA 91103 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOREE, Dale, E.** [CA/US]; 19 Sorbonne, Laguna Niguel, CA 92677 (US). **GRACE, Anthony, J.** [US/US]; 1115 E. 36th Street, Long Beach, CA 92677 (US).

(74) **ROSE, Alan, C.** et al. / etc.; Oppeheimer Wolff & Donnelly LLP, Suite 3800, 2029 Century Park East, Los Angeles, CA 90067 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49062** (13) A1

(21) PCT/GB98/01201

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708541.9 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65B 61/18, B31B 19/90**

(54) • METHOD AND APPARATUS FOR ATTACHING A STRIP TO A WEB OF PACKAGING MATERIAL
• PROCEDE ET APPAREIL DE FIXATION D'UNE BANDE A UNE FEUILLE CONTINUE DE MATIERE D'EMBALLAGE

(71) **HANLEX LIMITED** [GB/GB]; Blackhorse Road, Letchworth, Hertfordshire SG6 1HD (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COWAN, Michael, Anthony** [GB/GB]; Hanlex Limited, Blackhorse Road, Letchworth, Hertfordshire SG6 1HD (GB).

(74) **MOIR, Michael, Christopher** et al. / etc.; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (GB).

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

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(11) **WO 98/49063** (13) A2

(21) PCT/US98/08664

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 9708931.2 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

(31) 08/882,654 (32) **25 Jun/juin 1997 (25.06.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D**

(54) • PACKAGING
• EMBALLAGE

(63) US 08/882,654 (CON)
25 Jun/juin 1997 (25.06.1997)

(71) **DURACELL INC.** [US/US]; Berkshire Industrial Park, Bethel, CT 06801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POPE, Peter** [GB/GB]; Fairholme, Stockcroft Road, Balcombe, West Sussex RH17 6LN (GB). **PEARSE, Michael** [GB/GB]; 4 Hurst Farm Road, East Grinstead, West Sussex RH19 4BJ (GB). **MARSHALL, Martin** [GB/GB]; 14 Sorrel Close, Huntington, Chester CH3 6SB (GB). **PYTCHES, Richard, Edward** [GB/GB]; 6 Rectory Close, Off Church Lane, Farndon, Chester CH3 6PS (GB).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (US) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49064** (13) A1

(21) PCT/US98/08290

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/847,868 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 1/02, 23/02, 23/08**

(54) • MULTI–LAYER CONTAINERS
• RECEPTACLES MULTICOUCHES

(71) **PLASTIPAK PACKAGING, INC.** [US/US]; 9135 General Court, Plymouth, MI 48170 (US).

(72) **DARR, Richard, C.**; 1183 Ty Drive, Medina, OH 44256 (US). **KITZMILLER, Michael, C.**; 11502 State Route 364, Fort Loramie, OH 45845 (US).

(74) **BACHMAN, Robert, H.** et al. / etc.; Suite 1201, 900 Chapel Street, New Haven, CT 06510–2802 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49065** (13) A1

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(22) **29 Apr/avr 1997 (29.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 1/16**

(54) • AN IMPROVED BOTTOM PROFILE FOR A CAN
• PROFIL PERFECTIONNE DE FOND DE BOITE A BOISSON

(71) **HOOGOVENS STAAL B.V.** [NL/NL]; P.O. Box 10000, NL–1970 CA IJmuiden (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAMIS, Paulus, Jozef** [NL/NL]; Grote Boterbloem 85, NL–1991 LK Velserbroek (NL). **KAMPERMAN, Stephanus, Maria** [NL/NL]; Loggerstraat 15, NL–1826 CK Alkmaar (NL).

(74) **HANSEN, Willem, Joseph, Maria**; Hoogovens Corporate Services B.V., P.O. Box 10000, NL–1970 CA IJmuiden (NL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49066** (13) A1

(21) PCT/FR98/00845

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05342 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 17/32**

(54) • PACKAGING CAN CLOSURE DEVICE MOVABLE IN ROTATION
• OBTURATEUR MOBILE EN ROTATION POUR BOITE DE CONDITIONNEMENT DE LIQUIDE

(71) **LELLOUCHE, Eric** [FR/FR]; 210 bis, boulevard Péreire, F–75017 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **CHAMLA, Laurent** [FR/FR]; 13, rue Levert, F–75020 Paris (FR). **LASQUIER, Pierre** [FR/FR]; 184, rue Saint–Martin, F–75003 Paris (FR). **LACROIX, Eric** [FR/FR]; 3, rue des Belles Feuilles, F–75116 Paris (FR). **LELLOUCHE, Daniel** [FR/FR]; 55, rue Boulainvilliers, F–75116 Paris (FR).

(74) **KOHN, Philippe**; Cabinet Philippe Kohn, 30, rue Hoche, F–93500 Pantin (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49067** (13) A1

(21) PCT/DE98/01109

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 297 07 715.5 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 21/04, 25/20**

(54) • PLASTIC STORAGE AND TRANSPORT CONTAINER
• CONTENEUR DE STOCKAGE ET DE TRANSPORT EN MATIERE PLASTIQUE

(71) **PERSTORP NORKUN KUNSTSTOFFVERARBEITUNG GMBH** [DE/DE]; D–19057 Schwerin (DE).

(72) **NEUBÜSER, Thomas**; Hof Wandrumer Strasse 3, D–19073 Wittenförden (DE).

(74) **JAAP, Reinhard**; Invalidenstrasse 13, D–19370 Parchim (DE).

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

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(11) **WO 98/49068** (13) A1

(21) PCT/US98/08614

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,257 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 37/00**

(54) • PUMP MECHANISM FOR MECHANICAL DISPENSERS
• MECANISME DE POMPE POUR DISTRIBUTEURS MECANIQUES

(71) **3D DESIGN AND ENGINEERING** [US/US]; 6533 Greenfield–Sabina Road, Sabina, OH 45169 (US).

(72) **RODDEN, Edward, J., Jr.**; 6533 Greenfield–Sabina Road, Sabina, OH 45169 (US). **REEVE, Randy, F.**; 1881 Vail Avenue, Upland, CA 91786 (US).

(74) **COLOMBO, Andrew, G.**; Hovey, Williams, Timmons & Collins, Suite 400, 2405 Grand Boulevard, Kansas City, MO 64108 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49069** (13) A1

(21) PCT/SE98/00738

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) sv (26) en

(31) 9701602–6 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 39/18**

(54) • A METHOD AND A DEVICE FOR SILICONISING RUBBER STOPPERS
• PROCEDE ET DISPOSITIF DE SILICONAGE DE BOUCHONS EN CAOUTCHOUC

(71) **GETINGE AB** [SE/SE]; P.O. Box 69, S–310 44 Getinge (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ERIKSSON, Jan–Olof** [SE/SE]; Trottegatan 28, S–311 32 Falkenberg (SE).

(74) **AWAPATENT AB**; P.O. Box 11394, S–404 28 Göteborg (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49070** (13) A1

(21) PCT/PL98/00018

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) W.106446 (32) **29 Apr/avr 1997 (29.04.1997)** (33) PL

(31) W.106522 (32) **12 May/mai 1997 (12.05.1997)** (33) PL

(31) W.106698 (32) **17 Jun/juin 1997 (17.06.1997)** (33) PL

(31) W.106982 (32) **25 Aug/août 1997 (25.08.1997)** (33) PL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 71/30**

(54) • BOX PACK CARRIER
• EMBALLAGE SUPPORT POUR BOITES

(71, 72) **PIOTROWSKI, Zygmunt** [PL/PL]; ul. Keniga 4 m.48, PL–02–495 Warszawa (PL).

(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 GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49071** (13) A1

(21) PCT/US98/07651

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 9708771.2 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 71/46**

(54) • ARTICLE CARRIER AND BLANK THEREFOR
• DISPOSITIF PORTE–OBJETS ET EBAUCHES CORRESPONDANTES

(71) **THE MEAD CORPORATION** [US/US]; Courthouse Plaza, Northeast, Dayton, OH 45463 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAULAS, Alain** [FR/FR]; 24, rue de la Loutre, F–36000 Chateauroux (FR). **BLIN, Patrick** [FR/FR]; 6, rue Henriette Labonne, Domaine de la Vallee, F–36000 Chateauroux (FR).

(74) **SUZUKI, Tsugihiko** et al. / etc.; The Mead Corporation, 4850D North Church Lane, Smyrna, GA 30080 (US).

(81) AU BR BY CA CN CZ EE HU ID IL JP KE KR LT LV MX NO NZ PL RO RU SG SK TR US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49072** (13) A1

(21) PCT/CA98/00335

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) 2,203,597 (32) **24 Apr/avr 1997 (24.04.1997)** (33) CA

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65D 85/10, B65B 19/02**

(54) • METHOD OF PACKAGING AND PACKAGE FOR A BUNDLE OF CIGARETTES
• PROCEDE D'EMBALLAGE ET EMBALLAGE DESTINE A UN PAQUET DE CIGARETTES

(71) **ROTHMANS, BENSON & HEDGES INC.** [CA/CA]; 1500 Don Mills Road, North York, Ontario M3B 3L1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KEAVENEY, Benedict** [CA/CA]; 62 Watercliffe Road, Rexdale, Ontario M9W 4E7 (CA). **DAVIDSON, Kenneth, P.** [CA/CA]; 10 Thornhill Avenue, Toronto, Ontario M6S 4C4 (CA). **KACZMAREK, Peter, J.** [CA/CA]; 40 Elmsley Drive, Richmond Hill, Ontario L4C 5YC (CA).

(74) **WOODLEY, John, H.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49073** (13) A1

(21) PCT/SE98/00736

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) sv (26) en

(31) 9701574–7 (32) **28 Apr/avr 1997 (28.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65F 1/14, B65D 21/02**

(54) • WHEELED WASTE RECEPTACLE (I)
• POUBELLE A ROULETTES

(71) **PERSTORP AB** [SE/SE]; S–284 80 Perstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Hong** [MY/MY]; 31 Jalan Cinta Alam, Lot 516, Country Heights, 43000 Kajang, Selangor (MY).

(74) **STENBERG, Yngve**; Perstorp AB, S–284 80 Perstorp (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49074** (13) A1

(21) PCT/SE98/00737

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) sv (26) en

(31) 9701575–4 (32) **28 Apr/avr 1997 (28.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65F 1/14, B65D 21/02**

(54) • WHEELED WASTE RECEPTACLE (II)
• POUBELLE A ROULETTES

(71) **PERSTORP AB** [SE/SE]; S–284 80 Perstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HONG, Lee** [MY/MY]; 31 Jalan Cinta Alam, Lot 516, Country Heights, 43000 Kajang (MY).

(74) **STENBERG, Yngve**; Perstorp AB, S–284 80 Perstorp (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

(11) **WO 98/49075** (13) A1

(21) PCT/NO98/00136

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) no (26) en

(31) 972004 (32) **30 Apr/avr 1997** (33) NO **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65G 1/137**

(54) • METHOD FOR ORGANISING THE STORAGE OF DIFFERENT UNITS
• PROCEDE D'ORGANISATION POUR LE STOCKAGE D'UNITES DIFFERENTES

(71) **JAKOB HATTELAND ELECTRONIC AS** [NO/NO]; N–5578 Nedre Vats (NO). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOGNALAND, Ingvar** [NO/NO]; N–5578 Nedre Vats (NO).

(74) **ONSAGERS PATENTKONTOR – DEFENSOR AS**; P.O. Box 265 Sentrum, N–0103 Oslo (NO).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49076** (13) A2

(21) PCT/US98/07752

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/845,605 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65G 19/02, 19/20**

(54) • CONVEYOR HAVING A CUSHIONED BELT
• TRANSPORTEUR AVEC CAPACITES DE DECHARGE A VITESSE ELEVEE

(71) **UNITED PARCEL SERVICE OF AMERICA, INC.** [US/US]; 55 Glendale Parkway, N.E., Atlanta, GA 30328 (US).

(72) **BONNET, Henri**; 290 Crosstree Lane, Atlanta, GA 30328 (US).

(74) **GRONHOLM, Gregory, T.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (US).

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

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(11) **WO 98/49077** (13) A1

(21) PCT/FR98/00855

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05436 (32) **28 Apr/avr 1997** (33) FR **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65G 35/00, B24C 3/08**

(54) • NOVEL TYPE OF CONVEYOR AND SURFACE TREATMENT MACHINE EQUIPPED WITH SAME
• NOUVEAU TYPE DE CONVOYEUR ET MACHINE DE TRAITEMENT DE SURFACE EQUIPEE D'UN TEL CONVOYEUR

(71) **S.A.R.L. SUD RECTIFICATION** [FR/FR]; Zone Industrielle du Plégat, F–12110 Aubin (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GUY, Bernard** [FR/FR]; Croix Romiguière, F–12300 Decazeville (FR).

(74) **RAVINA, Bernard**; S.A. Ravina, 24, boulevard Riquet, F–31000 Toulouse (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/49078** (13) A2

(21) PCT/US98/08139

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/840,702 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65G 47/10**

(54) • A SYSTEM AND METHOD FOR ORDER PACKING
• SYSTEME ET PROCEDE D'EMPAQUETAGE DE COMMANDES

(71) **THE COCA–COLA COMPANY** [US/US]; 310 North Avenue, Atlanta, GA 30313 (US).

(72) **KIRSCHNER, Jonathan**; 5224 Old Mountain Lane, Powder Springs, GA 30073 (US).

(74) **BIRCH, Anthony, L.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, VA 22040–0747 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49079** (13) A1

(21) PCT/US98/08683

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/850,781 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65G 47/24**

(54) • APPARATUS FOR ROTATING ARTICLES AND MANUFACTURING METHOD
• APPAREIL PERMETTANT DE FAIRE PIVOTER DES ARTICLES ET PROCEDE DE FABRICATION

(71) **CARLETON, INC.** [US/US]; 30 South Sand Road, New Britain, PA 18901 (US).

(72) **CARLETON, Nicholas, D.**; 962 Paige Court, Langhorne, PA 19053 (US).

(74) **BLASKO, John, P.**; 111 North Broad Street, Doylestown, PA 18901 (US).

(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 UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49080** (13) A2

(21) PCT/US98/08597

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,201 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65G 47/53, 47/54, 47/82, 47/84**

(54) • SIDE CONVEYOR DISC INCLUDING QUICK–CHANGE FEATURES
• DISQUE POUR BANDE TRANSPORTEUSE A DECHARGE LATERALE COMPORTANT DES CARACTERISTIQUES DE CHANGEMENT RAPIDE

(71) **UNITED PARCEL SERVICE OF AMERICA, INC.** [US/US]; 55 Glenlake Parkway, N.E., Atlanta, GA 30328 (US).

(72) **BONNET, Henri**; 290 Crosstree Lane, Atlanta, GA 30328 (US).

(74) **GRONHOLM, Gregory, T.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (US).

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

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(11) **WO 98/49081** (13) A1

(21) PCT/US98/07868

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/846,185 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65G 47/54, 47/52, 13/10, 37/00**

(54) • HIGH SPEED SMART DIVERTER FOR A CONVEYOR SORTER
• DISPOSITIF DEVIATEUR INTELLIGENT ET A GRANDE VITESSE DESTINE A UNE TRIEUSE DE BANDE DE TRANSPORT

(71) **UNITED PARCEL SERVICE OF AMERICA, INC.** [US/US]; 55 Glenlake Parkway, N.E., Atlanta, GA 30328 (US).

(72) **BONNET, Henri**; 290 Crosstree Lane, Atlanta, GA 30328 (US).

(74) **YOUNG, Jeffrey, E.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (US).

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

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(11) **WO 98/49082** (13) A2

(21) PCT/DE98/01205

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 18 441.3 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(31) 197 33 734.1 (32) **4 Aug/août 1997** (33) DE **(04.08.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65H 3/00**

(54) • DEVICE FOR INDIVIDUALLY SEPARATING FLAT ARTICLES
• DISPOSITIF POUR LA SEPARATION INDIVIDUELLE DE COLIS PLATS

(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) **SCHUSTER, Rudolf** [DE/DE]; Graf–Andechs–Strasse 8, D–85551 Kirchheim (DE). **RASCHKE, Josef** [DE/DE]; Sommerhausstrasse 11, D–85652 Pliening (DE). **ROMBAUER, Theodoro** [BR/DE]; Peter Rosegger Strasse 3, D–86415 Mering (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49083** (13) A2

(21) PCT/DE98/01206

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 18 442.1 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65H 3/00**

(54) • DEVICE FOR TRANSFERRING ARTICLES BETWEEN TWO CONVEYORS
• DISPOSITIF POUR LE TRANSFERT DE COLIS ENTRE DEUX CONVOYEURS

(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) **RASCHKE, Josef** [DE/DE]; Sommerhausstrasse 11, D–85652 Pliening (DE). **SCHUSTER, Rudolf** [DE/DE]; Graf–Andechs–Strasse 8, D–85551 Kirchheim (DE). **ROMBAUER, Theodoro** [BR/DE]; Peter Rosegger Strasse 3, D–86415 Mering (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49084** (13) A2

(21) PCT/DE98/01208

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 18 444.8 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B65H 3/00**

(54) • METHOD AND DEVICE FOR CONVEYING ARTICLES BY MEANS OF A CONVEYOR BELT
• DISPOSITIF POUR LE TRANSPORT DE COLIS AU MOYEN D'UNE BANDE TRANSPORTEUSE

(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) **RASCHKE, Josef** [DE/DE]; Sommerhausstrasse 11, D–85652 Pliening (DE). **SCHUSTER, Rudolf** [DE/DE]; Graf–Andechs–Strasse 8, D–85551 Kirchheim (DE). **ROMBAUER, Theodoro** [BR/DE]; Peter–Rosegger–Strasse 3, D–86415 Mering (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49085** (13) A2

(21) PCT/CH98/00173

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 1004/97 (32) **30 Apr/avr 1997** (33) CH **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B66B**

(54) • HYDROSTATIC DISPLACEMENT DRIVE FOR LIFTING AND LOWERING AND HOLDING LOADS, IN PARTICULAR FOR LIFTS
• SYSTEME DE COMMANDE HYDROSTATIQUE POUR FAIRE MONTER ET FAIRE DESCENDRE ET POUR MAINTENIR DES CHARGES, NOTAMMENT POUR DES ASCENSEURS

(71, 72) **VELETOVAC, Sead** [BA/CH]; Heugatterstrasse 22, CH–8600 Dübendorf (CH).

(81) AT AU BA BR CA CH CN CZ DE DK EE ES FI GB HU IL IS JP KR LT LU LV MX NO NZ PL PT RU SE SG SI SK TR UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49086** (13) A1

(21) PCT/FI98/00361

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fi (26) en

(31) 971779 (32) **25 Apr/avr 1997** (33) FI **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B66C 3/16, 3/20**

(54) • DEVICE FOR GATHERING LOGGING WASTE IN PARTICULAR
• DISPOSITIF COLLECTEUR DE RESIDUS D'EXPLOITATION

(71) **KARELIAN PUU–JA METALLI OY** [FI/FI]; Salmisaarenkuja 9, FIN–80170 Joensuu (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MONONEN, Sakari** [FI/FI]; Keskuskatu 35, FIN–81100 Kontiolahti (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN–00100 Helsinki (FI).

(81) CA DE DE (Utility model / modèle d'utilité) SE US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49087** (13) A1

(21) PCT/US98/08351

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,114 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) Not furnished / non communiqué (32) **24 Apr/avr 1998** (33) US **(24.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B66F 9/18**

(54) • WASTE BIN MANIPULATOR ARM
• BRAS MANIPULATEUR POUR POUBELLES

(71) **WASTEWORKS INTERNATIONAL INC.** [US/US]; Suite 100, 265 South Randolph, Brea, CA 92821 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GIPPLE, Mark, R.** [US/US]; 13103 Chestnut Street, Whittier, CA 90602 (US).

(72, 75) **LUNA, Javier** [US/US]; 1520 Crawford Street, Oxnard, CA 93030 (US). **HARRISON, Ralph** [US/US]; 21607 South Mountain Road, Santa Paula, CA 93060 (US).

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

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG US UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); 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 ML MR NE SN TD TG).

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(11) **WO 98/49088** (13) A1

(21) PCT/EP98/01549

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 197 18 130.9 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(31) 197 20 170.9 (32) **14 May/mai 1997** (33) DE **(14.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B67C 3/32**

(54) • METHOD AND DEVICE FOR FILLING BARRELS
• PROCEDE ET DISPOSITIF POUR REMPLIR DES FUTS

(71) **GEA TILL GMBH & CO.** [DE/DE]; Kapellenstrasse 47–49, D–65830 Kriftel (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TILL, Volker** [DE/DE]; Eichendorffstrasse 17, D–65719 Hofheim (DE).

(74) **KEIL & SCHAAFHAUSEN**; Eysseneckstrasse 31, D–60322 Frankfurt am Main (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49089** (13) A1

(21) PCT/EP98/02058

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) de (26) de

(31) 197 18 130.9 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(31) 197 41 254.8 (32) **18 Sep/sep 1997 (18.09.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B67C 3/32, 3/20**

(54) • METHOD AND DEVICE FOR FILLING BARRELS
• PROCEDE ET DISPOSITIF POUR REMPLIR DES FUTS

(71) **GEA TILL GMBH & CO.** [DE/DE]; Kapellenstrasse 47–49, D–65830 Kriftel (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TILL, Volker** [DE/DE]; Eichendorffstrasse 17, D–65719 Hofheim (DE). **WALL, Hans–Jürgen** [DE/DE]; An den Schwatzen 49, D–88138 Weissensberg (DE).

(74) **KEIL & SCHAAFHAUSEN**; Eysseneckstrasse 31, D–60322 Frankfurt am Main (DE).

(81) BR JP RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49090** (13) A1

(21) PCT/EP98/02382

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 17 619.4 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **B67D 5/33, 1/08**

(54) • CONTAINER CLOSURE
• SYSTEME DE BOUCHAGE DE RECIPIENT

(71) **RIEDEL–DE HAEN GMBH** [DE/DE]; Wunstorfer Strasse 40, D–30926 Seelze (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAHN, Hans–Ulrich** [DE/DE]; In der Wiek 20, D–31535 Neustadt (DE). **SCHULTE, Walter** [DE/DE]; Am Rennert 16, D–57413 Finnentrop (DE).

(74) **GEISSLER, Bernhard**; Bardehle, Pagenberg, Dost, Altenburg, Geissler, Isenbruck, Galileiplatz 1, D–81679 München (DE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49091** (13) A1

(21) PCT/US98/08073

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/845,707 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 3/36, B01J 8/02, 4/00, F23D 14/22, C01B 3/38, B01F 5/06**

(54) • DISTRIBUTED INJECTION PROCESS AND APPARATUS FOR PRODUCING SYNTHESIS GAS
• PROCEDE ET APPAREIL D'INJECTION REPARTIE POUR LA PRODUCTION DE GAZ SYNTHETIQUE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(72) **HERSHKOWITZ, Frank**; 11 Lyons Road, Liberty Corner, NJ 07938 (US). **DECKMAN, Harry, W.**; 2 Woods Edge Court, Clinton, NJ 08809 (US). **REYNOLDS, Robert, P.**; 22 Goosetown Road, Clinton, NJ 08809 (US). **GONATAS, Constantine**; 3027 Carnegie, Houston, TX 77005 (US). **FULTON, John, W.**; 14 Powder Horn Terrace, Randolph, NJ 07869 (US). **SHOENMAN, Leonard**; 5600 Kingswood Drive, Citrus Heights, CA 95610 (US). **ITO, Jackson**; 2507 Occidental Drive, Sacramento, CA 95826 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(81) AU BR CA CN JP KR MX NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49092** (13) A1

(21) PCT/US98/08075

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/845,701 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 3/36, B01J 8/02, 4/00, F23D 14/22, B01F 5/06**

(54) • RAPID INJECTION PROCESS AND APPARATUS FOR PRODUCING SYNTHESIS GAS
• PROCEDE ET APPAREIL D'INJECTION RAPIDE POUR LA PRODUCTION DE GAZ SYNTHETIQUE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(72) **HERSHKOWITZ, Frank**; 11 Lyons Road, Liberty Corner, NJ 07938 (US). **DECKMAN, Harry, W.**; 2 Woods Edge Court, Clinton, NJ 08809 (US). **REYNOLDS, Robert, P.**; 22 Goosetown Road, Clinton, NJ 08809 (US). **GONATAS, Constantine**; 3027 Carnegie, Houston, TX 77005 (US). **FULTON, John, W.**; 14 Powder Horn Terrace, Randolph, NJ 07869 (US). **SHOENMAN, Leonard**; 5600 Kingswood Drive, Citrus Heights, CA 95610 (US). **ITO, Jackson**; 2507 Occidental Drive, Sacramento, CA 05826 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(81) AU BR CA CN JP KR MX NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49093** (13) A1

(21) PCT/US98/07941

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/845,701 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/845,706 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/845,707 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 3/38, B01J 8/02, 4/00, C01B 3/36, F23D 14/22, B01F 5/06**

(54) • LOW TEMPERATURE PROCESS FOR PRODUCING SYNTHESIS GAS
• PROCEDE A BASSE TEMPERATURE POUR LA PRODUCTION DE GAZ DE SYNTHESE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(72) **HERSHKOWITZ, Frank**; 11 Lyons Road, Liberty Corner, NJ 07938 (US). **KOVEAL, Russell, John**; 4723 Beech Harbor, Baton Rouge, LA 70817 (US). **COULALOGLOU, Constantine, Anastasios**; 20 Coventry Road, Mendham, NJ 07945 (US). **DECKMAN, Harry, William**; 2 Woods Edge Court, Clinton, NJ 08809 (US). **REYNOLDS, Robert, Patrick**; 22 Goosetown Road, Clinton, NJ 08809 (US). **GONATAS, Constantine**; 3027 Carnegie, Houston, TX 77005 (US). **FULTON, John, William**; 14 Powder Horn Terrace, Randolph, NJ 07869 (US). **SCHOENMAN, Leonard**; 5600 Kingswood Drive, Citrus Heights, CA 95610 (US). **ITO, Jackson**; 2507 Occidental Drive, Sacramento, CA 95826 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(81) AU BR CA CN JP KR MX NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49094** (13) A1

(21) PCT/US98/08021

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/845,699 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 3/38, B01J 8/02, 4/00, B01F 5/06**

(54) • RAPID INJECTION CATALYTIC PARTIAL OXIDATION PROCESS AND APPARATUS FOR PRODUCING SYNTHESIS GAS
• PROCEDE RAPIDE D'OXYDATION CATALYTIQUE PARTIELLE A INJECTION ET APPAREIL POUR LA PRODUCTION DE GAZ SYNTHETIQUE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932–0390 (US).

(72) **HERSHKOWITZ, Frank**; 509 Lyons Road, Liberty Corner, NJ 07938 (US). **DECKMAN, Harry, W.**; 2 Woods Edge Court, Clinton, NJ 08809 (US). **REYNOLDS, Robert, P., Jr.**; 22 Goosetown Road, Clinton, NJ 08809 (US). **GONATAS, Constantine, P.**; 3027 Carnegie, Houston, TX 77005 (US). **FULTON, John, W.**; 14 Powder Horn Terrace, Randolph, NJ 07869 (US). **SCHOENMAN, Leonard**; 5600 Kingswood Drive, Citrus Heights, CA 95610 (US). **ITO, Jack, I.**; 2507 Occidental Drive, Sacramento, CA 95826 (US). **CLAVENNA, Leroy, R.**; 222 Shady Lake Place West, Baton Rouge, LA 70810 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(81) AU BR CA CN JP KR MX NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49095** (13) A1

(21) PCT/US98/08022

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/845,700 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 3/38, B01J 8/02, 4/00, B01F 5/06**

(54) • DISTRIBUTED INJECTION CATALYTIC PARTIAL OXIDATION PROCESS AND APPARATUS FOR PRODUCING SYNTHESIS GAS
• PROCEDE ET APPAREIL D'OXYDATION CATALYTIQUE PARTIELLE REPARTIE A INJECTION POUR LA PRODUCTION DE GAZ SYNTHETIQUE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(72) **HERSHKOWITZ, Frank**; 11 Lyons Road, Liberty Corner, NJ 07938 (US). **CLAVENNA, LeRoy, R.**; 222 Shady Lake Place West, Baton Rouge, LA 70810 (US). **DECKMAN, Harry, W.**; 2 Woods Edge Court, Clinton, NJ 08809 (US). **REYNOLDS, Robert, P.**; 22 Goosetown Road, Clinton, NJ 08809 (US). **GONATAS, Constantine**; 3027 Carnegie, Houston, TX 77005 (US). **FULTON, John, W.**; 14 Powder Horn Terrace, Randolph, NJ 07869 (US). **SHOENMAN, Leonard**; 5600 Kingswood Drive, Citrus Heights, CA 95610 (US). **ITO, Jackson**; 2507 Occidental Drive, Sacramento, CA 95826 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(81) AU BR CA CN JP KR MX NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49096** (13) A1

(21) PCT/US98/08074

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/845,706 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 3/38, B01J 8/02, 4/00, B01F 5/06**

(54) • MULTI–INJECTOR AUTOTHERMAL REFORMING PROCESS AND APPARATUS FOR PRODUCING SYNTHESIS GAS
• PROCEDE ET APPAREIL DE REFORMAGE ADIABATIQUE A INJECTEURS MULTIPLES ET DE PRODUCTION DE GAZ SYNTHETIQUE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(72) **HERSHKOWITZ, Frank**; 11 Lyons Road, Liberty Corner, NJ 07938 (US). **KOVEAL, Russell, J.**; 4723 Beech Harbor, Baton Rouge, LA 70817 (US). **COULALOGLOU, Constantine, A.**; 20 Coventry Road, Mendham, NJ 07945 (US). **DECKMAN, Harry, W.**; 2 Woods Edge Court, Clinton, NJ 08809 (US). **REYNOLDS, Robert, P.**; 22 Goosetown Road, Clinton, NJ 08809 (US). **GONATAS, Constantine**; 3027 Carnegie, Houston, TX 77005 (US). **FULTON, John, W.**; 14 Powder Horn Terrace, Randolph, NJ 07869 (US). **SCHOENMAN, Leonard**; 5600 Kingswood Drive, Citrus Heights, CA 95610 (US). **ITO, Jackson**; 2507 Occidental Drive, Sacramento, CA 95826 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(81) AU BR CA CN JP KR MX NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49097** (13) A1

(21) PCT/US98/08023

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/845,708 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 3/44**

(54) • FLUID BED PROCESS AND APPARATUS FOR PRODUCING SYNTHESIS GAS
• PROCEDE ET APPAREIL EN LIT FLUIDISE POUR LA PRODUCTION DE GAZ SYNTHETIQUE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(72) **HERSHKOWITZ, Frank**; 11 Lyons Road, Liberty Corner, NJ 07938 (US). **KOVEAL, Russell, J.**; 4723 Beech Harbor, Baton Rouge, LA 70817 (US). **VELUSWAMY, Lavanga, R.**; 7505 Shadown Creek Drive, Beaumont, TX 77707 (US). **TAYLOR, James, H.**; 5545 Melrose Boulevard, Baton Rouge, LA 70806 (US). **DECKMAN, Harry, W.**; 2 Woods Edge Court, Clinton, NJ 08809 (US). **REYNOLDS, Robert, P.**; 22 Goosetown Road, Clinton, NJ 08809 (US). **GONATAS, Constantine**; 3027 Carnegie, Houston, TX 77005 (US). **FULTON, John, W.**; 14 Powder Horn Terrace, Randolph, NJ 07869 (US). **SHOENMAN, Leonard**; 5600 Kingswood Drive, Citrus Heights, CA 95610 (US). **ITO, Jackson**; 2507 Occidental Drive, Sacramento, CA 05826 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932–0390 (US).

(81) AU BR CA CN JP KR MX NO SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49098** (13) A1

(21) PCT/EP98/02297

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) de (26) de

(31) 197 18 261.5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 17/04**

(54) • METHOD AND DEVICE FOR CONVERTING HYDROGEN SULFIDE INTO ELEMENTAL SULFUR
• PROCEDE ET DISPOSITIF POUR CONVERTIR DE L'ACIDE SULFHYDRIQUE EN SOUFRE ELEMENTAIRE

(71) **MESSER GRIESHEIM GMBH** [DE/DE]; Frankfurt Airport Center 1, C9, Hugo–Eckener–Ring, D–60547 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GROSS, Gerhard** [DE/DE]; Bengdbruchstrasse 34, D–47877 Willich (DE). **SPITALERI, Vincenzo** [IT/DE]; Dahlmannstrasse 16, D–85051 Ingolstadt (DE).

(81) PL RO SG SI US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49099** (13) A1

(21) PCT/US98/06397

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) en (26) en

(31) 08/848,369 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01B 21/14**

(54) • STABILIZED HYDROXYLAMINE SOLUTIONS
• SOLUTIONS D'HYDROXYLAMINE STABILISEES

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962–2245 (US).

(72) **CHANG, Chin, Hsiung**; 511 Revere Lane, Palatine, IL 60067 (US). **VAN TIL, Alan, E.**; 321 S. Cherry Street, Itasca, IL 60143 (US). **QIAN, Zhenrong**; 44 Center Grove Road R–30, Randolph, NJ 07869 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07692–2245 (US).

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

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(11) **WO 98/49100** (13) A1

(21) PCT/US98/08462

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,095 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C01G 9/04, C07C 17/16**

(54) • PREPARATION OF LUCAS REAGENT OF ENHANCED UTILITY AND ITS USE IN SYNTHESIS OF CYCLOALIPHATIC CHLORIDES
• PREPARATION D'UN REACTIF LUCAS PRESENTANT UNE MEILLEURE UTILITE ET SON UTILISATION DANS LA SYNTHESE DE CHLORURES CYCLOALIPHATIQUES

(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801–1765 (US).

(72) **SENARATNE, K., Pushpananda, A.**; 1133 Kimbro Drive, Baton Rouge, LA 70808 (US). **ORIHUELA, Felix, M.**; 2478 Ascot Drive, Baton Rouge, LA 70819 (US). **MALCOLM, Arcelio, J.**; 1433 Ridgeland Drive, Baton Rouge, LA 70810 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, 451 Florida Street, Baton Rouge, LA 70801–1765 (US).

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

Published / Publiée : *(c)*

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(11) **WO 98/49101** (13) A1

(21) PCT/AU98/00298

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) PO 6393 (32) **24 Apr/avr 1997 (24.04.1997)** (33) AU

(31) PP 2742 (32) **1 Apr/avr 1998 (01.04.1998)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C02F 1/40, E03F 5/16**

(54) • OIL FROM WATER SEPARATOR
• SEPARATEUR HUILE–EAU

(71) **UNISEARCH LIMITED** [AU/AU]; 221–227 Anzac Parade, Kensington, NSW 2033 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOLMIE, David, Bleasdale** [AU/AU]; 106 Moncrieff Drive, East Ryde, NSW 2113 (AU). **STONE, Phineas, Balantyne** [AU/AU]; 2 Seddon Hill Road, Harbord, NSW 2096 (AU).

(74) **CARTER SMITH & BEADLE**; P.O. Box N301, Grosvenor Place, NSW 1220 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49102** (13) A1

(21) PCT/DE98/01164

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) de (26) de

(31) 197 17 865.0 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C02F 1/44, H01L 21/304**

(54) • METHOD AND DEVICE FOR TREATING WASTEWATERS FROM A CHEMICAL–MECHANICAL POLISHING PROCESS IN CHIP MANUFACTURING
• PROCEDE ET DISPOSITIF POUR LE TRAITEMENT DES EAUX USEES RESULTANT D'UN PROCEDE DE POLISSAGE CHIMICO–MECANIQUE DANS LA FABRICATION DES PUCES

(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) **HAMMER, Jürgen** [DE/DE]; Am Silberberg 33, D–01454 Radeberg (DE). **RICHTER, Andre** [DE/DE]; Blumenstrasse 7, D–01844 Neustadt (DE). **KRAUS, Werner** [DE/DE]; Regensburger Strasse 74, D–93158 Teublitz (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49103** (13) A1

(21) PCT/IT98/00105

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) BS97A000036 (32) **28 Apr/avr 1997 (28.04.1997)** (33) IT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C02F 1/48**

(54) • DEVICE FOR THE ELIMINATION OF CALCAREOUS INCRUSTATIONS AND DEPOSITS IN PIPELINES, WATER SYSTEMS AND EQUIPMENT CONNECTED THERETO
• DISPOSITIF D'ELIMINATION D'INCRUSTATIONS ET DE DEPOTS CALCAIRES DANS DES PIPELINES ET DES RESEAUX DE DISTRIBUTION D'EAU AINSI QUE DANS LE MATERIEL RELIE A CEUX–CI

(71, 72) **ZANGRANDO, Gianni** [IT/IT]; Via Zorutti, 1, I–33028 Tolmezzo (IT). **PAVANELLO, Mario** [IT/IT]; Via Marmarole, 2, I–32042 Calalzo di Cardore (IT). **FELIZIANI, Alessandro** [IT/IT]; Viale Volontari della Libertà, I–33100 Udine (IT). **MEHLEM, Luigi, Filippo** [IT/IT]; Via Vian, 9, I–31021 Mogliano Veneto (IT).

(74) **GHIONI, Carlo, Raoul**; Bugnion S.p.A., Via Dante, 17, I–25122 Brescia (IT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49104** (13) A1

(21) PCT/FR98/00830

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/05167 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C02F 1/50, 3/34**

(54) • METHOD FOR REDUCING OR ELIMINATING DEPOSITS OF BACTERIAL ORIGIN IN CLOSE CIRCUIT WATER INSTALLATIONS
• PROCEDE DE REDUCTION OU DE SUPPRESSION DES DEPOTS D'ORIGINE BACTERIENNE DANS LES INSTALLATIONS D'EAUX EN CIRCUIT FERME

(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOUVEL, Luc** [FR/FR]; 23, rue Molière, F–69006 Lyon (FR).

(74) **FABRE, Madeleine–France**; Rhodia Services, Direction de la Propriété Industrielle, 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49105** (13) A1

(21) PCT/US98/03167

(22) **18 Feb/fév 1998 (18.02.1998)**

(25) en (26) en

(31) 08/841,138 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C02F 1/62, 9/00, C22B 7/02, 19/28, 19/30, 13/00**

(54) • WASTEWATER TREATMENT PROCESS FOR VACUUM DEGASSER EFFLUENT
• PROCEDE DE TRAITEMENT DES EAUX RESIDUAIRES POUR EFFLUENT DE DEGAZEUR SOUS VIDE

(71) **BETHLEHEM STEEL CORPORATION** [US/US]; 1170 Eighth Avenue, Bethlehem, PA 18016–7699 (US).

(72) **HERMAN, Stewart, T.**; 2096 Polk Valley Road, Hellertown, PA 18055 (US). **GREENAWALT, Robert, L.**; 8235 Easton Road, Ottsville, PA 18055 (US).

(74) **MASTELLER, Harold, I., Jr.**; Bethlehem Steel Corporation, Martin Tower, Room 1969, 1170 Eighth Avenue, Bethlehem, PA 18016–7699 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49106** (13) A1

(21) PCT/US98/08196

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,810 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C02F 3/28, 3/10, B09B 3/00, C02F 3/34, 3/30**

(54) • FE(O)–BASED BIOREMEDIATION OF AQUIFERS CONTAMINATED WITH MIXED WASTES
• ACTION CORRECTRICE PAR DES MOYENS BIOLOGIQUES FAISANT INTERVENIR Fe (O) S'EXERÇANT SUR DES FORMATIONS AQUIFERES CONTAMINEES PAR DES DECHETS MELANGES

(63) US 60/044,810 (CIP) 25 Apr/avr 1997 (25.04.1997)

(71) **THE UNIVERSITY OF IOWA RESEARCH FOUNDATION** [US/US]; 100 Oakdale Campus No. 214 TIC, Iowa City, IA 52242–5000 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALVAREZ, Pedro, J.** [–/–]; –**TILL, Brian, A.** [–/–]; –**WEATHERS, Lenly, L.** [–/–]; –**PARKIN, Gene, F.** [–/–]; –**SCHNOOR, Jerald, L.** [–/–]; –

(74) **MOORE, Mark, D.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

(11) **WO 98/49107** (13) A1

(21) PCT/SE98/00731

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) sv (26) en

(31) 9701633–1 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C02F 11/12, B01D 29/50**

(54) • DEVICE FOR DEWATERING A SLURRY
• DISPOSITIF DE DESHYDRATATION DES BOUES

(71) **POUGUS AB** [SE/SE]; Kryddstigen 19, S–802 92 Gävle (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUSTAFSSON, Bernt** [SE/SE]; Kokstensvägen 45, S–804 33 Gävle (SE). **POUSETTE, Kurt** [SE/SE]; Stenmursvsägen 24, S–802 70 Gävle (SE).

(74) **JOHANSSON, Lars**; Lars Johansson Patentbyrå AB, P.O. Box 68, S–801 02 Gävle (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49108** (13) A1

(21) PCT/GB98/01269

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/044,437 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C02F 11/14**

(54) • DEWATERING OF SEWAGE SLUDGE
• DESHYDRATATION DE BOUES D'EPURATION

(71) **ALLIED COLLOIDS LIMITED** [GB/GB]; Low Moor, Bradford, P.O. Box 38, West Yorkshire BD12 0JZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WINN, Edward, H.** [US/US]; 3709 Hembree Lane, Marietta, GA 33062 (US). **HUNTER, Dewey, W.** [US/US]; 3621 Calverton Way, Chesapeake, VA 23321 (US).

(74) **ALLIED COLLOIDS LIMITED**; Patents Dept., Low floor, P.O. Box 38, Bradford, West Yorkshire BD12 0J2 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49109** (13) A1

(21) PCT/US98/07563

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 60/045,036 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C03B 37/025, 37/029**

(54) • IMPROVED METHOD OF DRAWING A WAVEGUIDE PREFORM
• PROCEDE AMELIORE D'ETIRAGE D'UNE PREFORME DE GUIDE D'ONDES

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **BLAIS, Paul, R.**; 6618 Windingwood Lane, Wilmington, NC 28405 (US).

(74) **HERZFELD, Alexander, R.**; Corning Incorporated, Patent Dept., SP FR 02–12, Corning, NY 14831 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49110** (13) A1

(21) PCT/US98/08352

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 97/05357 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(31) 60/051,538 (32) **2 Jul/juil 1997 (02.07.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C03C 3/064, 3/066, 3/068, 3/07, 3/072, 3/074, G02C 7/06**

(54) • HIGH REFRACTIVE INDEX GLASSES, MULTIFOCAL CORRECTIVE LENSES CONTAINING SAME
• VERRES OPHTALMIQUES A INDICE DE REFRACTION ELEVE, LENTILLES CORRECTRICES MULTIFOCALES COMPRENANT CES VERRES

(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) **COMTE, Marie** [FR/FR]; 44, rue Boris Vilde, F–92260 Fontenay aux Roses (FR). **MARQUES, Paulo** [FR/FR]; 19, rue de l'Avenir, F–91550 Paray Vieille Poste (FR).

(74) **HERZFELD, Alexander, R.** et al. / etc.; Corning Incorporated, Patent Dept., SP FR 02–12, Corning, NY 14831 (US).

(81) BR CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49111** (13) A1

(21) PCT/GB98/01227

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708564.1 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(31) 9712681.7 (32) **18 Jun/juin 1997 (18.06.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C03C 3/087**

(54) • GLASS COMPOSITIONS USED IN PLASMA DISPLAYS
• COMPOSITIONS DE VERRE POUR ECRANS A PLASMA

(71) **PILKINGTON PLC** [GB/GB]; Prescot Road, St. Helens, Merseyside WA10 3TT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FYLES, Kenneth, Melvin** [GB/GB]; 9 Langholm Road, Garswood, Wigan, Lancashire WN4 0SE (GB). **TORR, Ashley, Carl** [GB/GB]; 10 Brooklands, Ormskirk, Lancashire L39 2HD (GB).

(74) **HALLIWELL, Anthony, Charles**; Pilkington plc, Group Patents Dept., Pilkington Technology Centre, Hall Lane, Lathom, Ormskirk, Lancashire L40 5UF (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49112** (13) A1

(21) PCT/IB98/00404

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 97201277.7 (32) **28 Apr/avr 1997 (28.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C03C 17/23, H01J 9/20 // C03C 17/23**

(54) • METHOD OF MANUFACTURING A CONDUCTIVE LAYER ON A SUBSTRATE
• PROCEDE DE FABRICATION D'UNE COUCHE CONDUCTRICE SUR UN SUBSTRAT

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **DEN BOER, Johannes, Henricus, Wilhelmus, Gerardus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **MUTTER, Claudia**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **WADMAN, Sipke**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **WILLEMS, Xavier**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VAN STRAATEN, Joop**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/49113** (13) A1

(21) PCT/GB98/01122

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 97 08480.0 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C03C 25/02, C04B 41/50**

(54) • INORGANIC FIBRE DUST SUPPRESSOR
• DISPOSITIF D'ELIMINATION DE POUSSIERE DE FIBRES INORGANIQUES

(71) **THE MORGAN CRUCIBLE COMPANY PLC** [GB/GB]; Morgan House, Madeira Walk, Windsor, Berkshire SL4 1EP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTIN, Jean–Louis** [FR/FR]; 6, impasse des Genêts, F–42600 Montbrison (FR).

(74) **PHILLIPS & LEIGH**; 7 Staple Inn, Holborn, London WC1V 7QF (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49114** (13) A1

(21) PCT/EP98/02321

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) de (26) de

(31) 197 17 936.3 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C04B 24/02**

(54) • USE OF ALCOHOLS AS ADDITIVES FOR PLASTER AND/OR MORTAR
• UTILISATION D'ALCOOLS COMME ADDITIFS POUR ENDUITS ET/OU MORTIERS

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

(72, 75) **SCHULTE, Heinz–Günther** [DE/DE]; Winsterstrasse 66, D–45481 Mülheim (DE). **MOUSTAKAS, Sarantis** [GR/DE]; Alte Linner Strasse 11, D–47799 Krefeld (DE). **GRESS, Wolfgang** [DE/DE]; Westfalenweg 245, D–42111 Wuppertal (DE). **NEUMANN, Ralf** [DE/DE]; Kastanienweg 4, D–42781 Haan (DE).

(81) AU CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49115** (13) A1

(21) PCT/CA98/00378

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 2,203,575 (32) **24 Apr/avr 1997** (33) CA **(24.04.1997)**

(31) 60/041,487 (32) **24 Apr/avr 1997** (33) US **(24.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C04B 28/06, 40/00 // (C04B 28/06, 22:06, 22:08, 22:14, 24:00)**

(54) • HIGH PULP DENSITY, FAST SETTING AND HIGH EARLY STRENGTH BACKFILL METHOD AND MATERIAL
• MATIERE REMBLAI A DENSITE DE PULPE ELEVEE, PRISE RAPIDE ET RESISTANCE INITIALE ELEVEE ET PROCEDE CONNEXE

(71) **SUNGERIC INTERNATIONAL INC.** [CA/CA]; 324 Ester Road, Sudbury, Ontario P3E 5C4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUN, Henghu** [CN/CA]; 633 Arnold Street, Sudbury, Ontario P3E 6H1 (CA). **LI, Shuqin** [CN/CA]; 633 Arnold Street, Sudbury, Ontario P3E 6H1 (CA). **XU, Weirui** [CN/CN]; 2–402 East Building No. 7, Ding 11 Xueyuan Road, Beijing 100083 (CN).

(74) **SADIK, Achmed, N.**; P.O. Box 908, Station B, Ottawa, Ontario K1P 5P9 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 SL TJ TM TR TT UA UG US UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49116** (13) A1

(21) PCT/GB98/01225

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708831.4 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C04B 28/26, 22/06, 22/00, 14/04, C09J 1/02, C09K 7/04, 17/12, D21H 17/63**

(54) • SUSPENSIONS WITH HIGH STORAGE STABILITY, COMPRISING AN AQUEOUS SILICATE SOLUTION AND A FILLER MATERIAL
• SUSPENSIONS PRESENTANT UNE GRANDE STABILITE AU STOCKAGE, COMPRENANT UNE SOLUTION DE SILICATE AQUEUSE ET UNE MATIERE DE REMPLISSAGE

(71) **CROSFIELD LIMITED** [GB/GB]; Bank Quay, Warrington, Cheshire WA5 1AB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSINGA, Theo, Jan** [NL/NL]; Bemelerweg 50, NL–6267 AN Cadier en Keer (NL). **HOWARTH, Ian, Maurice** [GB/GB]; Woodlands, 87 Station Road, Delamere, Cheshire CW8 2HZ (GB).

(74) **COLLINGWOOD, Anthony, Robert** et al. / etc.; ICI Group Intellectual Property, P.O. Box 11, The Heath, Runcorn, Cheshire WA7 4QE (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49117** (13) A1

(21) PCT/GB98/01226

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708831.4 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C04B 28/26, C09J 1/02, D21H 17/63 // (C04B 28/26, 14:04, 14:38)**

(54) • ADHESIVE COMPOSITION
• COMPOSITION ADHESIVE

(71) **CROSFIELD LIMITED** [GB/GB]; Bank Quay, Warrington, Cheshire WA5 1AB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSINGA, Theo, Jan** [NL/NL]; Bemelerweg 50, NL–6267 AN Cadier en Keer (NL). **BORENS, Hacobus, Henricus, Johannes** [NL/NL]; Sanderboutlaan, NL–6171 BA Stein (NL). **HOWARTH, Ian, Maurice** [–/GB]; 'Woodlands', 87 Station Road, Delamere, Cheshire CW8 2HZ (GB).

(74) **COLLINGWOOD, Anthony, Robert** et al. / etc.; ICI Group Intellectual Property, P.O. Box 11, The Heath, Runcorn, Cheshire WA7 4QE (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49118** (13) A1

(21) PCT/GB98/01228

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708831.4 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C04B 28/26, 22/06, 22/00**

(54) • HARDENER FOR HARDENING SILICATE SOLUTIONS
• DURCISSEUR DESTINE A FAIRE DURCIR DES SOLUTIONS AU SILICATE

(71) **CROSFIELD LIMITED** [GB/GB]; Bank Quay, Warrington, Cheshire WA5 1AB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSINGA, Theo, Jan** [NL/NL]; Bemelerweg 50, NL–6267 AN Cadier en Keer (NL).

(74) **COLLINGWOOD, Anthony, Robert** et al. / etc.; ICI Group Intellectual Property, P.O. Box 11, The Heath, Runcorn, Cheshire WA7 4QE (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49119** (13) A1

(21) PCT/IB98/00635

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/848,305 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C04B 33/36**

(54) • REINFORCEMENT OF CERAMIC BODIES WITH WOLLASTONITE
• RENFORCEMENT DE CORPS CERAMIQUES A L'AIDE DE WOLLASTONITE

(71) **NYCO MINERALS, INC.** [US/US]; 124 Mountain View Drive, Willsboro, NY 12996 (US).

(72) **ROBINSON, Sara, M.**; 3162 Lonesome Mountain Road, Charlottesville, VA 22911 (US). **CRAIG, Donald, B.**; 12 Summit Drive, Peru, NY 12972 (US).

(74) **REIDY, Joseph, F.** et al. / etc.; Cumpston & Shaw, Suite 850, Two State Street, Rochester, NY 14614 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49120** (13) A1

(21) PCT/US98/08504

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/847,613 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C04B 35/462, 35/475, 35/65**

(54) • SOLUTION COATED HYDROTHERMAL $BaTiO_3$ FOR LOW–TEMPERATURE FIRING
• $BaTiO_3$ HYDROTHERMIQUE REOUVERT D'UNE SOLUTION UTILE POUR EFFECTUER LE FRITTAGE A BASSE TEMPERATURE

(71) **THE PENN STATE RESEARCH FOUNDATION** [US/US]; 304 Old Main, University Park, PA 16802 (US).

(72) **WITHAM, John, P.**; Apartment 2305, 16350 S. Harbor Boulevard, Fountain Valley, CA 92704 (US). **RANDALL, Clive, A.**; 125 North Hills Plaza, State College, PA 16801 (US). **KUMAR, Umesh**; 578 Circle Drive, Surfside Beach, SC 29575 (US). **SELVARAJ, Ulagaraj**; Apartment 1011, 384 Treeline Park, San Antonio, TX 78209 (US). **WANG, Sea–Fue**; 42 Greenknoll Drive, Brookfield, CT 06804 (US). **DOUGHERTY, Joseph, P.**; 524 East Irvin Avenue, State College, PA 16801 (US).

(74) **MONAHAN, Thomas, J.**; The Pennsylvania State University, Intellectual Property Office, 113 Technology Center, University Park, PA 16802 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49121** (13) A1

(21) PCT/JP98/01882

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/109159 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(31) 9/109855 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(31) 9/174856 (32) **30 Jun/juin 1997 (30.06.1997)** (33) JP

(31) 9/235270 (32) **29 Aug/août 1997 (29.08.1997)** (33) JP

(31) 9/299185 (32) **30 Oct/oct 1997 (30.10.1997)** (33) JP

(31) 10/86299 (32) **31 Mar/mar 1998 (31.03.1998)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C04B 35/48, F16C 17/10, B24B 19/26, H01L 21/60, G11B 5/127**

(54) • SEMICONDUCTIVE ZIRCONIA SINTER AND DESTATICIZING MEMBER COMPRISING SEMICONDUCTIVE ZIRCONIA SINTER
• AGGLOMERE DE ZIRCONE SEMICONDUCTEUR ET ELEMENT ELIMINATEUR D'ELECTRICITE STATIQUE COMPRENANT UN AGGLOMERE DE ZIRCONE SEMICONDUCTEUR

(71) **KYOCERA CORPORATION** [JP/JP]; 5–22, Kitainoue–cho, Higashino, Yamashina–ku, Kyoto–shi, Kyoto 607–8141 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIKAKI, Shunji** [JP/JP]; Kagoshimasendai Factory, Kyocera Corporation, 1810, Taki–cho, Sendai–shi, Kagoshima 895–0211 (JP). **HAMASHIMA, Hiroshi** [JP/JP]; Kagoshimasendai Factory, Kyocera Corporation, 1810, Taki–cho, Sendai–shi, Kagoshima 895–0211 (JP). **IWASAKI, Kouichi** [JP/JP]; Kagoshimasendai Factory, Kyocera Corporation, 1810, Taki–cho, Sendai–shi, Kagoshima 895–0211 (JP). **IWAMOTO, Kuniharu** [JP/JP]; Kagoshimasendai Factory, Kyocera Corporation, 1810, Taki–cho, Sendai–shi, Kagoshima 895–0211 (JP). **NAKAHARA, Masahiro** [JP/JP]; Kagoshimakokubu Factory, Kyocera Corporation, 1–1, Yamashita–cho, Kokubu–shi, Kagoshima 899–4312 (JP). **OKUMURA, Masahiro** [JP/JP]; Shiga Factory, Kyocera Corporation, 10–1, Kawai, Gamoh–cho, Gamoh–gun, Shiga 529–1571 (JP). **HINO, Syouji** [JP/JP]; Shiga Factory, Kyocera Corporation, 10–1, Kawai, Gamoh–cho, Gamoh–gun, Shiga 529–1571 (JP). **NABESHIMA, Yutaka** [JP/JP]; Nagoya Business Office, Kyocera Corporation, 4–6, Nishiki 3–chome, Naka–ku, Nagoya–shi, Aichi 460–0003 (JP).

(74) **TAKAGI, Yoshiteru**; Nishi–Yachiyo Building, 23–26, Edobori 1–chome, Nishi–ku, Osaka–shi, Osaka 550–0002 (JP).

(81) KR US.

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(11) **WO 98/49122** (13) A1

(21) PCT/CA98/00381

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 60/044,102 (32) **24 Apr/avr 1997 (24.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C05F 17/02**

(54) • SMALL SCALE AUTOMATED COMPOSTER
• COMPOSTEUR AUTOMATISE DE PETITE TAILLE

(71, 72) **WRIGHT, James** [CA/CA]; 511 Woodland Acres Crescent, R.R. #2, Maple, Ontario L6A 1G2 (CA).

(74) **PARSONS, Jane**; Jane Parsons & Associates, 20414 McCowan Road, Mount Albert, Ontario L0G 1M0 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49123** (13) A1

(21) PCT/SE98/00775

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) sv (26) en

(31) 9701622–4 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C06B 45/04, 25/34, F42B 1/02**

(54) • MELT CAST CHARGES
• CHARGES MOULEES

(71) **FÖRSVARETS FORSKNINGSANSTALT** [SE/SE]; S–172 90 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANGLET, Abraham** [SE/SE]; Surbrunnsgatan 33, S–113 48 Stockholm (SE). **ÖSTMARK, Henric** [SE/SE]; Bergmarksvägen 2, S–141 41 Huddinge (SE).

(74) **FÖRSVARETS MATERIELVERK**; Patentenheten, S–115 88 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49124** (13) A1

(21) PCT/EP98/02176

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) de (26) de

(31) 197 17 429.9 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07B 57/00, C07C 319/28, 323/56**

(54) • PRODUCTION OF ENANTIOMER–FREE BIARYLKETOCARBOXYLIC ACIDS
• PREPARATION D'ACIDES BIARYLCETOCARBOXYLIQUES EXEMPTS D'ENANTIOMERES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D–51368 Leverkusen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PREISS, Michael** [DE/DE]; Paul–Ehrlich–Strasse 12, D–42113 Wuppertal (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (DE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49125** (13) A1

(21) PCT/EP98/02576

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 97201250.4 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) GB et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 17/10, 21/067, B01J 19/26**

(54) • PROCESS FOR MANUFACTURING ALLYL-HALIDE AND EQUIPMENT TO BE USED THEREFOR
• PROCEDE DE FABRICATION D'UN HALOGENURE D'ALLYLE ET MATERIEL UTILISE A CET EFFET

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL–2596 HR The Hague (NL).

(72) **WANG, Hongwei**; Badhuisweg 3, NL–1031 CM Amsterdam (NL). **VAN MOURIK, Arian**; Badhuisweg 3, NL–1031 CM Amsterdam (NL). **PEENSTRA, Jacob**; Badhuisweg 3, NL–1031 CM Amsterdam (NL). **REK, Paulus, Johannes, Maria**; Badhuisweg 3, NL–1031 CM Amsterdam (NL). **TROMP, Petrus, Joannes, Josephus**; Badhuisweg 3, NL–1031 CM Amsterdam (NL).

(81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49126** (13) A1

(21) PCT/US98/08180

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,220 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 45/72, 45/73, 49/76**

(54) • PRODUCTION OF NAPHTHYL–SUBSTITUTED KETONES FROM NAPHTHALDEHYDES
• PRODUCTION A PARTIR DE NAPHTALDEHYDES, DE CETONES A SUBSTITUTION NAPHTYLE

(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801–1765 (US).

(72) **RAMACHANDRAN, Venkataraman**; 6910 South Fieldgate Court, Baton Rouge, LA 70808 (US). **BELMONT, Stephen, E.**; 215 Ship Drive, Apt. No. B, Baton Rouge, LA 70806 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, 451 Florida Street, Baton Rouge, LA 70801–1765 (US).

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

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(11) **WO 98/49127** (13) A1

(21) PCT/JP98/01939

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/111236 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(31) 9/209278 (32) **4 Aug/août 1997 (04.08.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 59/84, 51/06, 51/377, C07D 209/34 // C07B 61/00**

(54) • PROCESS FOR PRODUCING KETOPROFEN AND 5–BENZOYL–3–METHYL–2–INDOLINONE
• PROCEDE SERVANT A PREPARER KETOPROFENE ET 5–BENZOYLE–3–METHYLE–2–INDOLINONE

(71) **MEDICAL INFORMATION SERVICES, INC.** [JP/JP]; 13–21, Shintomi 1–chome, Chuo–ku, Tokyo 104–0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONDO, Hisao** [JP/JP]; 780–25, Tebiro, Kamakura–shi, Kanagawa 248–0036 (JP). **HIGASHIKAWA, Tetsuro** [JP/JP]; 5–21–5–304, Kamimeguro, Meguro–ku, Tokyo 153–0051 (JP). **KUBO, Akinari** [JP/JP]; 2–6–24, Higashigaoka, Meguro–ku, Tokyo 152–0021 (JP). **SAITO, Naoki** [JP/JP]; 2–16–7, Yurigaoka, Asao–ku, Kawasaki–shi, Kanagawa 215–0011 (JP).

(74) **TAKINO, Hideo** et al. / etc.; Hiroo SK Building, 4th floor, 36–13, Ebisu 2–chome, Shibuya–ku, Tokyo 150–0013 (JP).

(81) CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49128** (13) A1

(21) PCT/NL98/00231

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) nl (26) en

(31) 1005898 (32) **25 Apr/avr 1997 (25.04.1997)** (33) NL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 67/343, 69/618, 2/86, 15/02, 15/52, 13/28, 41/30, 43/188, 231/12, 233/11, 253/30, 255/34, C07D 213/127, 207/267**

(54) • PROCESS FOR PREPARING A (HETERO)AROMATIC OLEFIN
• PROCEDE DE PREPARATION D'UNE OLEFINE (HETERO)AROMATIQUE

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL–6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE VRIES, Johannes, Gerardus** [NL/NL]; Bornedaal 33, NL–6228 GZ Maastricht (NL). **STEPHAN, Massoud** [LB/NL]; Lienaertsstraat 161, NL–6164 GH Geleen (NL).

(74) **JACOBS, Monique, Sophie, Nicole**; Octrooibureau DSM, P.O. Box 9, NL–6160 MA Geleen (NL).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49129** (13) A1

(21) PCT/EP98/02332

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 18 245.3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 69/587, 67/03, 67/08, 67/62, A23L 1/30, A61K 31/23**

(54) • CONJUGATED LINOLENIC ACID–BASED SYNTHETIC TRIGLYCERIDES
• TRIGLYCERIDES SYNTHETIQUES A BASE D'ACIDE LINOLEIQUE CONJUGUE

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

(72, 75) **TIMMERMANN, Franz** [DE/DE]; Reichenberger Strasse 12, D–89257 Illertissen (DE). **GAUPP, Rolf** [DE/DE]; Martin–Adolff–Strasse 49, D–89165 Dietenheim (DE). **GIERKE, Jürgen** [DE/DE]; Herbststrasse 17, D–89257 Illertissen (DE). **VON KRIES, Rainer** [DE/DE]; Rilkestrasse 2, D–89257 Illertissen (DE). **ADAMS, Wolfgang** [DE/DE]; Weiler 2, D–88074 Meckenbeuren (DE). **SANDER, Andreas** [DE/DE]; Karlsbader Strasse 19, D–89257 Illertissen (DE).

(81) AU BR CA JP KR NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49130** (13) A2

(21) PCT/US98/08544

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,083 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 08/988,472 (32) **10 Dec/déc 1997 (10.12.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 69/76, 63/34, 233/00**

(54) • HYDROXYNAPHTHOIC ACIDS AND DERIVATIVES
• ACIDES HYDROXYNAPHTOIQUES ET DERIVES DE CES DERNIERS

(71) **THE UNIVERSITY OF NEW MEXICO** [US/US]; Patent Administration on New Mexico, Hokona Hall, Room 357, Albuquerque, NM 87131 (US).

(72) **VANDER JAGT, David, L.**; 1728 Vassar Drive, N.E., Albuquerque, NM 87106 (US). **DECK, Lorraine, M.**; 222 Amherst Drive, S.E., Albuquerque, NM 87106 (US). **ROYER, Robert, E.**; 1675 El Dorado Loop, Bosque Farms, NM 87068 (US).

(74) **JAGTIANI, Ajay, A.**; Jagtiani & Associates, 10379–B Democracy Lane, Fairfax, VA 22030 (US).

(81) BR CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/49131** (13) A1

(21) PCT/EP98/02530

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 18 334.4 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 217/58, 217/60, 317/22, 323/20, 271/16, C07D 295/18, A61K 31/135, 31/445, C07H 15/203**

(54) • NEW BENZYLAMINE AND PHENYLETHYLAMINE DERIVATIVES, PROCESSES FOR PREPARING THE SAME AND THEIR USE AS MEDICAMENTS
• NOUVEAUX DERIVES DE BENZYLAMINE ET DE PHENYLETHYLAMINE, LEURS PROCEDES DE PREPARATION ET LEUR UTILISATION COMME MEDICAMENTS

(71) **BOEHRINGER INGELHEIM PHARMA KG** [DE/DE]; Postfach 200, D–55216 Ingelheim am Rhein (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDERSKEWITZ, Ralf** [DE/DE]; Stromberger Strasse 36c, D–55411 Bingen (DE). **SCHROMM, Kurt** [DE/DE]; In der Dörrwiese 35, D–55218 Ingelheim am Rhein (DE). **RENTH, Ernst–Otto** [DE/DE]; Bismarckallee 5, D–24105 Kiel (DE). **BIRKE, Franz** [DE/DE]; Winkeler Strasse 2b, D–55218 Ingelheim am Rhein (DE). **JENNEWEIN, Hans, Michael** [DE/DE]; Idsteiner Strasse 14, D–65193 Wiesbaden (DE). **MEADE, Christopher, John, Montague** [GB/DE]; Burgstrasse 104, D–55411 Bingen (DE).

(81) AU BG BR BY CA CN CZ EE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US UZ VN YU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49132** (13) A1

(21) PCT/JP98/01914

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) P 9700933 (32) **30 Apr/avr 1997 (30.04.1997)** (33) ES

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 219/08, C11D 1/62, 3/00**

(54) • SOFTENING ACTIVE SUBSTANCE FOR TEXTILES AND TEXTILE–SOFTENING COMPOSITIONS CONTAINING IT
• COMPOSANT ADOUCISSANT ACTIF POUR TEXTILES ET COMPOSITIONS ADOUCISSANTES POUR TEXTILES CONTENANT CE COMPOSANT

(71) **KAO CORPORATION** [JP/JP]; 14–10, Nihonbashi–Kayabacho 1–chome, Chuo–ku, Tokyo 103–0025 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERMEJO, María José** [ES/ES]; Kao Corporation, S.A., Puig dels Tudons, Barbera del Valles, 10, E–08210 Barcelona (ES). **MUMBRU, Marisa** [ES/ES]; Kao Corporation, S.A., Puig dels Tudons, Barbera del Valles, 10, E–08210 Barcelona (ES). **VILARET, Josep** [ES/ES]; Kao Corporation, S.A., Puig dels Tudons, Barbera del Valles, 10, E–08210 Barcelona (ES).

(74) **FURUYA, Kaoru** et al. / etc.; Nihonbashi TM Building, 1–8–11, Nihonbashi–Horidomecho, Chuo–ku, Tokyo 103–0012 (JP).

(81) BR CN ID JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49133** (13) A1

(21) PCT/NL98/00227

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) nl (26) en

(31) 1005901 (32) **25 Apr/avr 1997 (25.04.1997)** (33) NL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 227/18, C07D 207/16, C07K 1/107, C07C 305/06**

(54) • PROCESS FOR ESTERIFICATION OF AMINO ACIDS AND PEPTIDES
• PROCEDE D'ESTERIFICATION DES ACIDES AMINES ET DES PEPTIDES

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL–6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOESTEN, Wilhelmus, Hubertus, Joseph** [NL/NL]; Brountslaan 9, NL–6132 BJ Sittard (NL). **QUAEDFLIEG, Peter, Jan, Leonard, Mario** [NL/NL]; Kochstraat 6, NL–6164 HB Geleen (NL).

(74) **JACOBS, Monique, Sophie, Nicole**; Octrooibureau DSM, P.O. Box 9, NL–6160 MA Geleen (NL).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49134** (13) A1

(21) PCT/IT98/00079

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) RM97A000254 (32) **30 Apr/avr 1997 (30.04.1997)** (33) IT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 229/22, A61K 31/205, A23K 1/16, C07C 57/15, A23L 1/30**

(54) • SOLID COMPOSITIONS SUITABLE FOR ORAL ADMINISTRATION COMPRISING L–CARNITINE OR ALKANOYL–L–CARNITINE MAGNESIUM FUMARATE
• COMPOSITIONS SOLIDES CONCUES POUR UNE ADMINISTRATION ORALE ET COMPRENANT UN FUMARATE DE MAGNESIUM ET DE L–CARNITINE OU UN FUMARATE DE MAGNESIUM ET D'ALCANOYLE–L–CARNITINE

(71) **SIGMA–TAU INDUSTRIE FARMACEUTICHE RIUNITE S.P.A.** [IT/IT]; Viale Shakespeare, 47, I–00144 Roma (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SANTANIELLO, Mosè** [IT/IT]; Via dei Giardini, 15, I–00048 Nettuno (IT). **SCAFETTA, Nazareno** [IT/IT]; Via Siena, 10, I–00040 Pavona di Albano (IT). **TINTI, Maria, Ornella** [IT/IT]; Via Ernesto Basile, 81, I–00182 Roma (IT).

(74) **CAVATTONI, Fabio** et al. / etc.; Cavattoni Raimondi, Viale dei Parioli, 160, I–00197 Roma (IT).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LS LT LV MG MK MN MW MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49135** (13) A1

(21) PCT/US98/07045

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 08/846,254 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 231/00, 229/00**

(54) • COMPOUNDS AND COMPOSITIONS FOR DELIVERING ACTIVE AGENTS
• COMPOSES ET COMPOSITIONS DESTINES A L'ADMINISTRATION D'AGENTS ACTIFS

(71) **EMISPHERE TECHNOLOGIES, INC.** [US/US]; 15 Skyline Drive, Hawthorne, NY 10532 (US).

(72) **LEONE–BAY, Andrea**; 20 Woodland Way, Ridgefield, CT 06877 (US). **GSCHNEIDNER, David**; 44 Cerretta Street #6, Stamford, CT 06907 (US). **WANG, Eric**; 1120 Warburton Avenue #F, Yonkers, NY 10701 (US). **SARUBBI, Donald, J.**; 18 Lawton Lane, Bronxville, NY 10708 (US).

(74) **ROBINSON, Joseph, R.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022–7513 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49136** (13) A1

(21) PCT/US98/08428

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/045,155 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 255/04, 229/34, A61K 31/21, 31/85**

(54) • RETINOID–LIKE COMPOUNDS
• COMPOSES DE TYPE RETINOIDE

(71) **BRISTOL–MYERS SQUIBB COMPANY** [US/US]; 5 Research Parkway, Wallingford, CT 06492 (US).

(72) **STARRETT, John, E., Jr.**; 23 Hawks Nest Circle, Middletown, CT 06457 (US). **TRAMPOSCH, Kenneth, M.**; 6291 Walnut Creek Drive, E. Amherst, NY 14051 (US). **NAIR, Xina**; 100 Rolling Meadow, E. Amherst, NY 14051 (US). **RECZEK, Peter, R.**; 22 Towhee Court, E. Amherst, NY 14051 (US). **ERICSSON, Anna**; 4655, boulevard Henri–Bourassa Ouest, Ville Saint–Laurent, Québec H4L 5H6 (CA). **MARINIER, Anne**; 1, place Baron, Kirkland, Québec H9J 3E9 (CA). **MARTEL, Alain**; 13, rue Monette, Delson, Québec J0L 1G0 (CA). **ZUSI, Fred, C.**; 20 Nolan Road, Hamden, CT 06514 (US).

(74) **MORSE, David, M.**; Bristol–Myers Squibb Company, 5 Research Parkway, Wallingford, CT 06492 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49137** (13) A1

(21) PCT/JP98/01742

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) ja (26) ja

(31) 9/112679 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 309/14, G01N 31/22**

(54) • OXIDATIVE COLORING REAGENTS
• REACTIFS COLORANTS OXYDATIFS

(71) **DOJINDO LABORATORIES CO., LTD.** [JP/JP]; 2025–5, Tabaru, Mashiki–machi, Kamimashiki–gun, Kumamoto 861–2202 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIZOGUCHI, Makoto** [JP/JP]; 1226–39, Oyama–machi, Kumamoto–shi, Kumamoto 862–0930 (JP).

(74) **IMAMURA, Masazumi** et al. / etc.; Towa Yaesu 1–chome Building, 7th floor, 8–12, Yaesu 1–chome, Chuo–ku, Tokyo 103–0028 (JP).

(81) AU CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49138** (13) A2

(21) PCT/EP98/02390

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 60/044,661 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 60/072,140 (32) **22 Jan/jan 1998 (22.01.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 401/00**

(54) • VITAMIN D_3 ANALOGS WITH BIS C–20 SIDE CHAINS
• ANALOGUES DE LA VITAMINE D3 AVEC DES CHAINES LATERALES BIS C–20

(71) **F.HOFFMANN–LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH–4070 Basle (CH).

(72) **MANCHAND, Percy, Sarwood**; 15 Prescott Avenue, Montclair, NJ 07042 (US). **USKOKOVIC, Milan, Radoje**; 253 Highland Avenue, Upper Montclair, NJ 07043 (US).

(74) **KJELLSAA–BERGER, Hanny**; Grenzacherstrasse 124, CH–4070 Basle (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49139** (13) A1

(21) PCT/EP98/02407

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 97107175.8 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) DE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07C 403/16**

(54) • PROCESS FOR THE PRODUCTION OF IRONES
• PROCEDE DE PRODUCTION D'IRONES

(71) **GIVAUDAN–ROURE (INTERNATIONAL) S.A.** [CH/CH]; Vernier, CH–1412 Genève (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COURTOIS, Didier** [FR/FR]; 87 bis, rue de Coulmiers, F–45000 Orléans (FR). **EHRET, Charles** [FR/FR]; Usterstrasse 65, CH–8620 Wetzikon (CH). **FIRMIN, Laurence, Marthe, Marie** [FR/FR]; 23, rue Joseph Malleville, F–76290 Fontaine–la–Mallet (FR).

(74) **GIVAUDAN–ROURE (INTERNATIONAL) S.A.**; P.O. Box 3255, CH–4002 Basle (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(21) PCT/NL98/00216

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 1005927 (32) **29 Apr/avr 1997 (29.04.1997)** (33) NL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 201/16**

(54) • PROCESS FOR RECOVERING CAPROLACTAM FROM A NEUTRALIZED REARRANGEMENT MIXTURE
• PROCEDE POUR EXTRAIRE LE CAPROLACTAME D'UN MELANGE DE REARRANGEMENT NEUTRALISE

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL–6411 TE Heerlen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEMMENS, Joannes, Albertus, Wilhelmus** [NL/NL]; Willem II Singel 70, NL–6041 HV Roermond (NL). **SIMONS, Antonius, Jacobus, Franciscus** [NL/NL]; Mauritspark 24, NL–6163 HN Geleen (NL). **GROOT ZEVERT, Louise, Annemarie** [NL/NL]; Morgensterstraat 11, NL–6133 VK Sittard (NL).

(74) **GEERTS, Johanna, Adriana, Maria**; Octrooibureau DSM, P.O. Box 9, NL–6160 MA Geleen (NL).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49141** (13) A1

(21) PCT/US98/07832

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 60/045,190 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 60/078,045 (32) **16 Mar/mar 1998 (16.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 207/12, 405/12, A61K 31/40, C07F 7/18**

(54) • KAPPA OPIOID AGONISTS
• AGONISTES D'OPIOÏDES KAPPA

(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) **HORWELL, David, Christopher** [GB/GB]; 8 West Hill, Foxton, Cambridge CB2 6SZ (GB). **OSBORNE, Simon** [GB/GB]; 45 Strollers Way, Stetchworth–Newmarket, Suffolk CB8 9TZ (GB).

(74) **RYAN, M. Andrea**; Warner–Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AL AU BA BB BG BR CA CN CZ EE GE GW HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49142** (13) A1

(21) PCT/US98/06997

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 60/043,444 (32) **8 Apr/avr 1997 (08.04.1997)** (33) US

(31) 60/043,446 (32) **8 Apr/avr 1997 (08.04.1997)** (33) US

(31) 60/042,022 (32) **16 Apr/avr 1997 (16.04.1997)** (33) US

(31) 08/837,524 (32) **21 Apr/avr 1997 (21.04.1997)** (33) US

(31) 08/853,522 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) PCT/US97/12722 (32) **21 Jul/juil 1997 (21.07.1997)** (33) WO

(34) US et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 207/34, 233/90, A61K 31/415, C07D 403/14**

(54) • DNA–BINDING PYRROLE AND IMIDAZOLE POLYAMIDE DERIVATIVES
• DERIVES DE POLYAMIDES PYRROLE–IMIDAZOLE LIANT L'ADN

(63) US 08/853,522 (CIP) 8 May/mai 1997 (08.05.1997)
US 08/837,524 (CIP) 21 Apr/avr 1997 (21.04.1997)
US 08/607,078 (CIP) 26 Feb/fév 1996 (26.02.1996)
US 60/042,022 (CIP) 16 Apr/avr 1997 (16.04.1997)
US 60/043,444 (CIP) 8 Apr/avr 1997 (08.04.1997)
US 60/043,446 (CIP) 8 Apr/avr 1997 (08.04.1997)

(71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1200 East California Boulevard, Pasadena, CA 91125 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DERVAN, Peter, B.** [US/US]; 1235 St. Albans Road, San Marino, CA 91108 (US).

(74) **ZIMMERMAN, Roger, P.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49143** (13) A1

(21) PCT/US98/04240

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) en (26) en

(31) 08/845,669 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 207/40, C07C 53/00, 59/245**

(54) • PROCESS FOR MAKING MALEIC ANHYDRIDE POLYMERS WHICH INCLUDE MALEAMIC ACID AND/OR ITS CYCLIC IMIDE REPEAT UNITS
• PROCEDE DE PRODUCTION DE POLYMERE D'ANHYDRE MALIQUE COMPRENANT UN ACIDE MALEAMIQUE ET/OU SES UNITES DE REPETITION D'IMIDE CYCLIQUE

(71) **ISP INVESTMENTS INC.** [US/US]; 818 Washington Street, Wilmington, DE 19801 (US).

(72) **ULMER, Herbert, W.**; Unit 1, 714 Washington Street, Hoboken, NJ 07030 (US). **KATIRGIS, John, A.**; 74 West Main Street, Bergenfield, NJ 07621 (US).

(74) **MAUE, Marilyn, J.** et al. / etc.; International Specialty Products, 1361 Alps Road, Wayne, NJ 07470 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49144** (13) A1

(21) PCT/JP98/01878

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/109283 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 211/90, A61K 31/445**

(54) • NOVEL DIHYDROPYRIDINE DERIVATIVE
• NOUVEAU DERIVE DE DIHYDROPYRIDINE

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15–1, Kyobashi 1–chome, Chuo–ku, Tokyo 104–0031 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UNEYAMA, Hisayuki** [JP/JP]; Central Research Laboratories, Ajinomoto Co., Inc., 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa–ken 210–0801 (JP). **NIWA, Seiji** [JP/JP]; Central Research Laboratories, Ajinomoto Co., Inc., 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa–ken 210–0801 (JP). **ONISHI, Tomoyuki** [JP/JP]; Central Research Laboratories, Ajinomoto Co., Inc., 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa–ken 210–0801 (JP).

(74) **NAKAMURA, Minoru** et al. / etc.; Shin–Tokyo Building, Room 646, 3–1, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–8355 (JP).

(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 GW HU ID IL 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49145** (13) A1

(21) PCT/EP98/02581

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708694.6 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 217/04, 401/12, 409/12, A61K 31/47**

(54) • SUBSTITUTED TETRAHYDROISOQUINOLINE DERIVATIVES AS MODULATORS OF DOPAMINE D_3 RECEPTORS
• DERIVES DE TETRAHYDRO–ISOQUINOLINE SUBSTITUEE, UTILES EN TANT QUE MODULATEURS DES RECEPTEURS D_3 DE LA DOPAMINE

(71) **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRANCH, Clive, Leslie** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB). **STEMP, Geoffrey** [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) **GARRETT, Michael**; SmithKline Beecham, Corporate Intellectual Property, New Horizons Court, Brentford, Middlesex TW8 9EP (GB).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49146** (13) A2

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,256 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 219/08, 219/04, 219/06, 285/24, 285/16**

(54) • CYCLIN DEPENDENT KINASE (CDK)4 INHIBITORS AND THEIR USE FOR TREATING CANCER
• INHIBITEURS DE KINASE DEPENDANTE DE CYCLINE (CDK)4 ET UTILISATION DE CEUX–CI DANS LE TRAITEMENT DE CANCER

(71) **THE UNITED STATES OF AMERICA, represented by THE SECRETARY DEPARTMENT OF HEALTH & HUMAN SERVICES, THE NATIONAL INSTITUTES OF HEALTH** [US/US]; Office of Technology Transfer, Suite 325, 6011 Executive Boulevard, Rockville, MD 20852–3804 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELLEY, Michael, J.** [US/US]; 8200 Gallery Court, Montgomery Village, MD 20886 (US). **NAKAGAWA, Kazuhiko** [JP/JP]; 1–12–9, Oonodai, Osakasayama, Osaka 589 (JP). **DENT, Barry, Roy** [NZ/NZ]; 1 Donald Crescent, Wellington 6005 (NZ).

(74) **SLATER, Stacey, C.**; Klarquist, Sparkman, Campbell, Leigh & Whinston, LLP, One World Trade Center, Suite 1600, 121 S.W. Salmon Street, Portland, OR 97204–2988 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49147** (13) A1

(21) PCT/EP98/02406

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/045,150 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 235/14, C07C 255/36**

(54) • PREPARATION OF MIBEFRADIL III
• PREPARATION DE MIBEFRADIL III

(71) **F. HOFFMANN–LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH–4070 Basle (CH).

(72) **HARRINGTON, Peter, John**; 862 Trail Ridge Drive, Louisville, CO 80027 (US). **WONG, Jim–Wah**; 2714 Northbrook Place, Boulder, CO 80304 (US).

(74) **WITTE, Hubert**; Grenzacherstrasse 124, CH–4070 Basle (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/046,795 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 235/14**

(54) • PREPARATION OF MIBEFRADIL II
• PREPARATION DE MIBEFRADIL II

(71) **F. HOFFMANN–LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH–4070 Basle (CH).

(72) **HARRINGTON, Peter, John**; 862 Trail Ridge Drive, Louisville, CO 80027 (US). **WONG, Jim–Wah**; 2714 Northbrook Place, Boulder, CO 80304 (US).

(74) **WITTE, Hubert**; Grenzacherstrasse 124, CH–4070 Basle (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(25) en (26) en

(31) 60/045,151 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 235/14**

(54) • PREPARATION OF MIBEFRADIL I
• PREPARATION DE MIBEFRADIL I

(71) **F. HOFFMANN–LA ROCHE AG** [CH/CH]; 124 Grenzacherstrasse, CH–4070 Basel (CH).

(72) **FLEMING, Michael, Paul**; 2692 Beech Circle, Longmont, CO 80503 (US). **HARRINGTON, Peter, John**; 862 Trail Ridge Drive, Louisville, CO 80027 (US).

(74) **WITTE, Hubert**; Grenzacherstrasse 124, CH–4070 Basel (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49150** (13) A1

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(22) **23 Apr/avr 1998 (23.04.1998)**

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(31) 9/109941 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 251/08, 251/10, A01N 43/64, C07D 401/04, 403/04, 417/04, 471/04, 405/04, 251/30, 409/04**

(54) • TRIAZINE DERIVATIVES, THEIR PRODUCTION AND AGROCHEMICAL COMPOSITION
• DERIVES DE TRIAZINE, PRODUCTION DE CES PRODUITS ET COMPOSITION AGROCHIMIQUE

(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) **ITOH, Shigeyuki** [JP/JP]; 11–6–401, Takezono 2–chome, Tsukuba–shi, Ibaraki 305–0032 (JP). **NAKAMURA, Satoko** [JP/JP]; 11–16–606, Sengen 2–chome, Tsukuba–shi, Ibaraki 305–0047 (JP). **TANAKA, Yasushi** [JP/JP]; 14–1–501, Takezono 2–chome, Tsukuba–shi, Ibaraki 305–0032 (JP).

(74) **ASAHINA, Tadao** et al. / etc.; Osaka Plant of Tadeka Chemical Industries, Ltd., 17–85, Jusohonmachi 2–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0024 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49151** (13) A1

(21) PCT/EP98/02222

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) MI97A000982 (32) **28 Apr/avr 1997 (28.04.1997)** (33) IT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 257/02**

(54) • A PROCESS FOR THE PREPARATION OF 1,4,7,10–TETRAAZACYCLODODECANE
• PROCEDE DE PREPARATION DE 1,4,7,10–TETRA–AZACYCLODODECANE

(71) **BRACCO S.P.A.** [IT/IT]; Via E. Folli, 50, I–20134 Milano (IT).
(for all designated States except / pour tous les États désignés sauf AU CA GB IE US)

(71) **DIBRA S.P.A.** [IT/IT]; Piazza Velasca, 5, I–20122 Milano (IT).
(only for / seulement pour AU CA GB IE)

(72, 75) **RIPA, Giorgio** [IT/IT]; Via E. Folli, 50, I–20134 Milano (IT). **ARGESE, Maria** [IT/IT]; Via E. Folli, 50, I–20134 Milano (IT).

(74) **MINOJA, Fabrizio**; Bianchetti Bracco Minoja S.r.l., Via Rossini, 8, I–20122 Milano (IT) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/044,906 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 277/32, A61K 31/425**

(54) • PROTEASE INHIBITORS
• INHIBITEURS DE PROTEASES

(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) **DesJARLAIS, Renee, Louise** [US/US]; 11 Cornwall Circle, St. Davids, PA 19087 (US). **DUFFY, Kevin, James** [GB/US]; 712 Mill Grove Drive, Norristown, PA 19403 (US). **HALBERT, Stacie, Marie** [US/US]; 149 Montgomery Drive, Harleysville, PA 19438 (US). **KEENAN, Richard, McCulloch** [US/US]; 796 Bass Cove, Malvern, PA 19355 (US). **MICHAUD, Evelyne** [FR/US]; 2920 Hannah Avenue, Norristown, PA 19401 (US). **THOMPSON, Scott, Kevin** [US/US]; 75 Guilford Circle, Phoenixville, PA 19460 (US). **VEBER, Daniel, Frank** [US/US]; 290 Batleson Road, Ambler, PA 19002 (US).

(74) **STERCHO, Yuriy, P.** 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) AL AU BA BB BG BR CA CN CZ EE GE HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49153** (13) A1

(21) PCT/AU98/00305

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) PO 6448 (32) **28 Apr/avr 1997 (28.04.1997)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 311/36, 311/40, C12P 17/06, A61K 31/35**

(54) • PREPARATION OF ISOFLAVONES FROM LEGUMES
• PREPARATION D'ISOFLAVONES A PARTIR DE LEGUMINEUSES

(71) **NOVOGEN INC.** [US/US]; c/o Corporate Agents Inc., 1013 Centre Road, Wilmington, DE 19805 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KELLY, Graham, Edmund** [AU/AU]; 1,47 Coolawin Road, Northbridge, NSW 2063 (AU). **HUANG, Jiu, Li** [AU/AU]; 23/9 Burley Street, Lane Cove, NSW 2066 (AU). **DEACON–SHAW, Mark, G.** [AU/AU]; 72 Glenrock Parade, Koolewong, NSW 2256 (AU). **WARING, Mark, A.** [AU/AU]; 68 Elanora Road, Elanora Heights, NSW 2010 (AU).

(74) **STEARNE, Peter, Andrew** et al. / etc.; Davies Collison Cave, Level 10, 10 Barrack Street, Sydney, NSW 2000 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49154** (13) A1

(21) PCT/KR98/00103

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 1997 15961 (32) **28 Apr/avr 1997 (28.04.1997)** (33) KR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 311/74, A61K 31/355**

(54) • ALPHA–TOCOPHEROL 4–AMINOBENZOIC ACID ESTER COMPOUNDS AND METHOD FOR PREPARING THE SAME
• COMPOSES A BASE D'ESTERS D'ACIDE ALPHA–TOCOPHEROL 4–AMINOBENZOIQUE ET LEUR PROCEDE D'ELABORATION

(71) **SK CORPORATION** [KR/KR]; 26–4, Yoido–dong, Yongdungpo–ku, Seoul 150–010 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEE, Si, Joon** [KR/KR]; Se–Jong Apt., 110–502, Jeonmin–dong, Yusung–ku, Taejon 305–390 (KR). **JUNG, Hee, Young** [KR/KR]; Se–Jong Apt., 109–104, Jeonmin–dong, Yusung–ku, Taejon 305–390 (KR).

(74) **LEE, Chul** et al. / etc.; 1543–12, Seocho–3dong, Seocho–ku, Seoul 137–073 (KR).

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

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(11) **WO 98/49155** (13) A1

(21) PCT/JP98/01871

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 9/109915 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 317/70, A61K 31/165, C07D 491/04, 215/48, 317/60, C07C 235/66, C07D 401/04**

(54) • CELL DIFFERENTIATION INDUCING AMIDE DERIVATIVES, THEIR PRODUCTION AND USE
• DERIVES AMIDES INDUISANT LA DIFFERENCIATION CELLULAIRE, LEUR PRODUCTION ET LEUR UTILISATION

(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) **MARUI, Shogo** [JP/JP]; 8–1–405, Owakidai, Kita–ku, Kobe–shi, Hyogo 651–1144 (JP). **HAZAMA, Masatoshi** [JP/JP]; 7–28–102, Satsukigaoka 2–chome, Ikeda–shi, Osaka 563–0029 (JP). **NOTOYA, Kohei** [JP/JP]; 17–39–205, Higashishojaku, Settsu–shi, Osaka 566–0025 (JP). **KATO, Koki** [JP/JP]; 2–11–303, Kozukayama 1–chome, Tarumi–ku, Kobe–shi, Hyogo 655–0002 (JP).

(74) **ASAHINA, Tadao** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17–85, Jusohonmachi 2–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0024 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49156** (13) A1

(21) PCT/US98/08509

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,177 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 333/56, 333/64**

(54) • PROCESSES FOR PREPARING BENZOTHIOPHENES
• PROCEDES DE PREPARATION DE BENZOTHIOPHENES

(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) **MCGILL, John, McNeil, III** [US/US]; 1120 Hasp Way, Lafayette, IN 47905 (US). **MISNER, Jerry, Wayne** [US/US]; 4410 Clovelly Court, Indianapolis, IN 46254 (US). **ZHANG, Tony, Yantao** [US/US]; 12345 Moon River Court, Indianapolis, IN 46236 (US).

(74) **STRODE, Janelle, D.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49157** (13) A1

(21) PCT/EP98/02357

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 97201259.5 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) DE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 403/06, 405/04, A61K 31/505, C07D 401/14 // (C07D 403/06, 239:00, 233:00)**

(54) • FARNESYLTRANSFERASE INHIBITING QUINAZOLINONES
• QUINAZOLINONES INHIBANT LA FARNESYLTRANSFERASE

(71) **JANSSEN PHARMACEUTICA N.V.** [BE/BE]; Turnhoutseweg 30, B–2340 Beerse (BE).
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(72, 75) **ANGIBAUD, Patrick, René** [FR/FR]; Janssen–Cilag S.A., 1, rue Camille Desmoulins, TSA 91003, F–92787 Issy–les–Moulineaux Cedex 9 (FR). **VENET, Marc, Gaston** [FR/FR]; Janssen–Gilag S.A., 1, rue Camille Desmoulins, TSA 91003, F–92787 Issy–les–Moulineaux Cedex 9 (FR). **FREYNE, Eddy, Jean, Edgard** [BE/BE]; Janssen Pharmaceutica N.V., Turnhoutseweg 30, B–2340 Beerse (BE).

(74) **QUAGHEBEUR, Luc**; Janssen Pharmaceutica N.V., Patent Dept., Turnhoutseweg 30, B–2340 Beerse (BE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49158** (13) A1

(21) PCT/US98/06485

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) en (26) en

(31) 60/046,986 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 60/074,547 (32) **12 Feb/fév 1998 (12.02.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 405/12, A61K 31/34, 31/38, 31/41, C07D 307/81, 333/60, 295/12, C07F 7/18, C07D 207/12, 207/10**

(54) • PERIPHERALLY SELECTIVE KAPPA OPIOID AGONISTS
• KAPPA AGONISTES OPIOIDES PERIPHERIQUEMENT SELECTIFS

(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) **HORWELL, David, Christopher** [GB/GB]; 8 West Hill, Foxton, Cambridge CB2 6SZ (GB). **OSBORNE, Simon** [GB/GB]; 45 Strollers Way, Stetchworth, Newmarket, Suffolk CB8 9TZ (GB).

(74) **RYAN, M., Andrea**; Warner–Lambert Company, 201 Tabor Road, Morris Plains, NJ 07950 (US) et al. / etc.

(81) AL AU BA BB BG BR CA CN CZ EE GE GW HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

(11) **WO 98/49159** (13) A1

(21) PCT/US98/07978

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 60/044,875 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 60/052,682 (32) **16 Jul/juil 1997 (16.07.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 409/06, A01N 43/56**

(54) • HERBICIDAL PYRAZOLES
• PYRAZOLES HERBICIDES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSENG, Chi–Ping** [US/US]; 1103 Artwin Road, Wilmington, DE 19803 (US).

(74) **KATZ, Elliott, A.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49160** (13) A1

(21) PCT/US98/08831

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/044,296 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 409/10, 413/14**

(54) • ANTITHROMBOTIC AGENTS
• AGENTS ANTITHROMBOTIQUES

(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) **CHIRGADZE, Nickolay, Yuri** [RU/US]; 14960 Beacon Boulevard, Carmel, IN 46032 (US). **FISHER, Matthew, Joseph** [US/US]; 4106 Armon Court, Carmel, IN 46033 (US). **HARPER, Richard, Waltz** [US/US]; Apartment 806, 3025 North Meridian Street, Indianapolis, IN 46208 (US). **LIN, Ho–Shen** [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). **McCOWAN, Jefferson, Ray** [US/US]; 2653 Crescent Hill Lane, Indianapolis, IN 46208 (US). **PALKOWITZ, Alan, David** [US/US]; 10737 Kingsmill Drive, Carmel, IN 46032 (US). **RICHETT, Michael, Enrico** [US/US]; 5832 Baron Court, Indianapolis, IN 46250 (US). **SALL, Daniel, Jon** [US/US]; 376 Leisure Lane, Greenwood, IN 46142 (US). **SMITH, Gerald, Floyd** [US/US]; 825 Queenswood Court, Indianapolis, IN 46217 (US). **TAKEUCHI, Kumiko** [US/US]; 6342 Robinsrock Drive, Indianapolis, IN 46268 (US). **ZHANG, Minsheng** [CN/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US).

(74) **JACKSON, Thomas, E.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49161** (13) A1

(21) PCT/US98/08830

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/044,297 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 409/14**

(54) • ANTITHROMBOTIC AGENTS
• AGENTS ANTITHROMBOTIQUES

(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) **BACH, Nicholas, J.** [US/US]; 7215 South Meridian Street, Indianapolis, IN 46217 (US). **BASTIAN, Jolie, A.** [US/US]; 1028 Morning Sun Lane, Beech Grove, IN 46107 (US). **CHIRGADZE, Nickolay Y.** [RU/US]; 14960 Beacon Boulevard, Carmel, IN 46032 (US). **DENNEY, Michael, L.** [US/US]; 6867 East Urmeyville Road, Franklin, IN 46131 (US). **FOGLESONG, Robert, J.** [US/US]; 6 Hazen Court, Durham, NC 27712 (US). **HARPER, Richard, W.** [US/US]; Apartment 806, 3025 North Meridian Street, Indianapolis, IN 46208 (US). **JOHNSON, Mary, G.** [US/US]; 3 Hazen Court, Durham, NC 27712 (US). **LIN, Ho–Shen** [US/US]; 8128 Trevellian Way, Indianapolis, IN 46217 (US). **LYNCH, Michael, P.** [US/US]; 201 Fulham Place, Raleigh, NC 27615 (US). **MCCOWAN, Jefferson, R.** [US/US]; 2653 Crescent Hill Lane, Indianapolis, IN 46208 (US). **PALKOWITZ, David, A.** [US/US]; 10737 Kingsmill Drive, Carmel, IN 46032 (US). **SALL, Daniel, J.** [US/US]; 376 Leisure Lane, Greenwood, IN 46142 (US). **SMITH, Gerald, F.** [US/US]; 825 Queenswood Court, Indianapolis, IN 46217 (US). **TAKEUCHI, Kumiko** [US/US]; 6342 Robinsrock Drive, Indianapolis, IN 46268 (US). **ZHANG, Minsheng** [CN/US]; 31 Scheurman Terrace, Warren, NJ 07059 (US).

(74) **JACKSON, Thomas, E.** et al. / etc.; Eli Lilly and Company, Lilly Corporate Center, Indianapolis, IN 46285 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49162** (13) A1

(21) PCT/US98/06680

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) en (26) en

(31) 08/847,797 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 08/938,444 (32) **26 Sep/sep 1997 (26.09.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 413/12, A61K 31/42, C07D 413/14, A61K 9/19, C07D 261/16**

(54) • SULFONAMIDES FOR TREATMENT OF ENDOTHELIN–MEDIATED DISORDERS
• SULFAMIDES POUR LE TRAITEMENT DES TROUBLES INDUITS PAR L'ENDOTHELINE

(71) **TEXAS BIOTECHNOLOGY CORPORATION** [US/US]; Suite 1920, 7000 Fannin, Houston, TX 77030 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WU, Chengde** [CN/US]; 7530 Brompton Road #824, Houston, TX 77025 (US). **BLOK, Natalie** [US/US]; 3610 Lake Street, Houston, TX 77098 (US). **KOGAN, Timothy** [US/US]; 3422 Creekstone Drive, Sugarland, TX 77479 (US). **KELLER, Karin** [US/US]; 8330 El Mundo #808, Houston, TX 77054 (US). **WOODARD, Patricia** [US/US]; 3422 Creekstone Drive, Sugarland, TX 77479 (US).

(74) **SEIDMAN, Stephanie, L.**; Heller Ehrman White & McAuliffe, Suite 700, 4250 Executive Square, La Jolla, CA 92037 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49163** (13) A1

(21) PCT/EP98/02359

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 97201236.3 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 471/04, 471/14, C09K 11/00, C07D 487/14 // (C07D 471/04, 221:00, 221:00) (C07D 471/14, 241:00, 221:00, 221:00) (C07D 487/14, 241:00, 241:00, 241:00)**

(54) • COMPLEX COMPRISING A RARE–EARTH METAL ION AND A COMPLEXING MOIETY
• COMPLEXE COMPRENANT UN ION METALLIQUE DU GROUPE DES TERRES RARES ET UNE FRACTION COMPLEXANTE

(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) **VERHOEVEN, Jan, Willem** [NL/NL]; Westerzoom 34, NL–1541 TW Koog aan de Zaan (NL). **VAN DER TOL, Erik, Boudewijn** [NL/NL]; Laan der Nederlanden 377, NL–1945 RK Beverwijk (NL). **STEEMERS, Frank, Johannes** [NL/NL]; Zeelandstraat 111, NL–7543 VC Enschede (NL). **VERBOOM, Willem** [NL/NL]; De Nachtegaal 6, NL–7671 WB Vriezenveen (NL). **REINHOUDT, David, Nicolaas** [NL/NL]; De Voskamp 7, NL–7552 GD Hengelo (NL). **HOFSTRAAT, Johannes, Willem** [NL/NL]; Marjoleinveld 4, NL–7006 VG Doetinchem (NL).

(74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL–6800 SB Arnhem (NL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49164** (13) A1

(21) PCT/EP98/02274

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 997/97 (32) **29 Apr/avr 1997** (33) CH **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 471/06, 495/22, C09B 5/62, G11B 7/24 // (C07D 471/06, 221:00, 221:00) (C07D 495/22, 333:00, 333:00, 221:00, 221:00)**

(54) • WRITABLE AND ERASABLE HIGH–DENSITY OPTICAL STORAGE MEDIA
• SUPPORT OPTIQUE D'ARCHIVAGE INSCRIPTIBLE ET EFFAÇABLE

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH–4057 Basel (CH).

(72) **SPAHNI, Heinz**; Eggstrasse 23, CH–4402 Frenkendorf (CH). **MIZUGUCHI, Jin**; 11–3–815 Honmoku–Miyabara, Naka–ku, Yokohama 231 (JP). **SCHMIDHALTER, Beat**; Hasenholz 21, CH–1735 Giffers (CH). **WOLLEB, Annemarie**; Chésalles, CH–1723 Marly (CH). **BUDRY, Jean–Luc**; Rue du Léman 7, CH–1815 Clarens (CH). **GILLER, Gérald**; Rue Pierre Alex 10, CH–1630 Bulle (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49165** (13) A1

(21) PCT/GB98/01239

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9708751.4 (32) **29 Apr/avr 1997** (33) GB **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 471/16, A61K 31/44**

(54) • CYTOTOXIC COMPOUNDS: DERIVATIVES OF THE PYRIDO[2,3,4–*kl*] ACRIDINE RING SYSTEM
• COMPOSES CYTOTOXIQUES: DERIVES DU SYSTEME CYCLIQUE PYRIDO[2,3,4–*kl*] ACRIDINE

(71) **UNIVERSIDAD COMPLUTENSE DE MADRID** [ES/ES]; Ciudad Universitaria, Rectorado, E–28040 Madrid (ES).
(only for / seulement pour AT AU BE BR CA CH CY DE DK ES FI FR GB GR IE IT JP KR LU MC MX NL NZ PT RU SE UA)

(71) **RUFFLES, Graham, Keith** [GB/GB]; 57–60 Lincoln's Inn Fields, London WC2A 3LS (GB).
(for all designated States except / pour tous les États désignés sauf AT AU BE BR CA CH CY DE DK ES FI FR GB GR IE IT JP KR LU MC MX NL NZ PT RU SE UA US)

(72, 75) **FERNANDEZ PUENTES, José Luis** [ES/ES]; Calle Covadonga, 2, E–24004 Leon (ES). **GARCIA GRAVALOS, Dolores** [ES/ES]; Calle Maldonado, 63, E–28006 Madrid (ES). **AVENDAÑO LOPEZ, Carmen** [ES/ES]; Calle Santiago Bernabeu, 5, E–28036 Madrid (ES). **BLANCO CASTRO, Maria del Mar** [ES/ES]; Calle Vicente Tellez, 40, Torrelodones Colonia, Madrid (ES). **MENENDEZ RAMOS, José Carlos** [ES/ES]; Calle San Raimundo, 7, E–28039 Madrid (ES).

(74) **RUFFLES, Graham, Keith**; Marks & Clerk, 57–60 Lincoln's Inn Fields, London WC2A 3LS (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **10 Apr/avr 1998 (10.04.1998)**

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(31) 9708406.5 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(31) 9715380.3 (32) **22 Jul/juil 1997** (33) GB **(22.07.1997)**

(31) 9722954.6 (32) **30 Oct/oct 1997** (33) GB **(30.10.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 487/04, A61K 31/505, 31/415, C07D 231/40, 401/06**

(54) • PYRAZOLOPYRIMIDINONES WHICH INHIBIT TYPE 5 CYCLIC GUANOSINE 3',5'–MONOPHOSPHATE PHOSPHODIESTERASE (cGMP PDE5) FOR THE TREATMENT OF SEXUAL DYSFUNCTION
• PYRAZOLOPYRIMIDINONES INHIBANT LA PHOSPHODIESTERASE D'ACIDE GUANOSINE–3'5'–MONOPHOSPHATE CYCLIQUE (cGMP PDE5) S'UTILISANT POUR TRAITER DES DYSFONCTIONS SEXUELLES

(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) **BUNNAGE, Mark, Edward** [GB/GB]; Pfizer Central Research, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **MATHIAS, John, Paul** [GB/GB]; Pfizer Central Research, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **STREET, Stephen, Derek, Albert** [GB/GB]; Pfizer Central Research, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB). **WOOD, Anthony** [GB/GB]; Pfizer Central Research, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(74) **HAYLES, James, Richard** et al. / etc.; Pfizer Limited, Ramsgate Road, Sandwich, Kent CT13 9NJ (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE 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 TJ TM TR TT UA UG US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(21) PCT/JP98/01869

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 9/109914 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(31) 10/46688 (32) **27 Feb/fév 1998** (33) JP **(27.02.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 487/04, A61K 31/50 // (C07D 487/04, 249:00, 237:00) (C07D 487/04, 237:00, 235:00)**

(54) • CONDENSED PYRIDAZINE DERIVATIVES, THEIR PRODUCTION AND USE
• DERIVES DE PYRIDAZINE CONCENTRES, ET PRODUCTION ET UTILISATION DE CES DERIVES

(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) **KAWANO, Yasuhiko** [JP/JP]; 21–D–402, Kashikiriyama, Suita–shi, Osaka 565–0806 (JP). **NAGAYA, Hideaki** [JP/JP]; 12–18, Sonenishimachi 3–chome, Toyonaka–shi, Osaka 561–0801 (JP). **GYOTEN, Michiyo** [JP/JP]; 16–202, Terakawa 1–chome, Daito–shi, Osaka 574–0014 (JP).

(74) **ASAHINA, Tadao** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17–85, Jusohonmachi 2–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0024 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49168** (13) A1

(21) PCT/US98/08542

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,432 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 487/04, 498/04, A61K 31/495, C07K 5/06, G01N 33/50, 33/53**

(54) • REVERSE–TURN MIMETICS AND METHODS RELATING THERETO
• MIMETIQUES A ROTATION INVERSE ET PROCEDES ASSOCIES

(71) **MOLECUMETICS LTD.** [US/US]; Suite 400, 2023 – 120th Avenue N.E., Bellevue, WA 98005 (US).

(72) **KAHN, Michael, S.**; 10916 – 80th Place Northeast, Kirkland, WA 98034 (US). **EGUCHI, Masakatsu**; 636 – 129th Place Northeast, Bellevue, WA 98005 (US). **KIM, Hwa–Ok**; 5606 – 154th Avenue Northeast, Redmond, WA 98052 (US).

(74) **HERMANNS, Karl, R.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104–7092 (US).

(81) AU CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49169** (13) A1

(21) PCT/EP98/02827

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 97/05422 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 487/06, 519/00, A61K 31/55 // (C07D 487/06, 243:00, 209:00) (C07D 519/00, 487:00, 471:00) (C07D 519/00, 487:00, 475:00)**

(54) • PHOSPHODIESTERASE 4–INHIBITING DIAZEPINOINDOLONES
• DIAZEPINO–INDOLONES INHIBANT LA PHOSPHODIESTERASE 4

(71) **JOUVEINAL** [FR/FR]; 11–13, rue de la Loge, Boîte postale 100, F–94265 Fresnes Cedex (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **PASCAL, Yves** [FR/FR]; 16, rue Georges Tournier, F–92500 Rueil Malmaison (FR). **BURNOUF, Catherine** [FR/FR]; 5, rue Léo Lagrange, F–91700 Ste Geneviève–des–Bois (FR). **GAUDILLIERE, Bernard** [FR/FR]; 28, rue de Zilina, F–92000 Nanterre (FR). **JACOBELLI, Henry** [FR/FR]; 65, avenue du Général de Gaulle, F–91550 Paray Vieille Poste (FR). **CALVET, Alain** [FR/US]; 1438 Astor Drive, Ann Arbor, MI 48104 (US). **PAYNE, Adrian** [GB/GB]; 90 Sutherland Avenue, Biggin Hill, Westerham, Kent TN16 3HG (GB). **DAHL, Svein, Gunwald** [NO/FR]; 45, allée de la Pièce de Terre, F–91190 Gif sur Yvette (FR).

(74) **DURNING, Bernard**; Jouveinal, Patent Dept., 11–13, rue de la Loge, Boîte postale 100, F–94265 Fresnes Cedex (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49170** (13) A1

(21) PCT/GB98/01179

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 9708484.2 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 491/10, A61K 31/445 // (C07D 491/10, 307:00, 221:00)**

(54) • SPIRO–AZACYCLIC DERIVATIVES AND THEIR USE AS THERAPEUTIC AGENTS
• DERIVES SPIRO–AZACYCLIQUES ET LEUR UTILISATION COMME AGENTS THERAPEUTIQUES

(71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire, EN11 9BU (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CURTIS, Neil, Roy** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **ELLIOTT, Jason, Matthew** [GB/GB]; Terlings Park, Eastwick Road, Essex CM20 2QR (GB). **HOLLINGWORTH, Gregory, John** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **JACKSON, Philips, Stephen** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **KULAGOWSKI, Janusz, Jozef** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **SEWARD, Eileen, Mary** [IE/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **SWAIN, Christopher, John** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **WILLIAMS, Brian, John** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

(74) **HISCOCK, Ian**; Merck & Co., Inc., European Patent Dept., Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49171** (13) A1

(21) PCT/JP98/01934

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/124899 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 493/04, G02B 5/30, C08F 20/26, C09K 19/38, G02F 1/13**

(54) • OPTICALLY ACTIVE MONOMER, LIQUID CRYSTALLINE POLYMER, AND OPTICAL ELEMENT
• MONOMERE OPTIQUEMENT ACTIF, POLYMERE CRISTALLIN LIQUIDE ET ELEMENT OPTIQUE

(71) **NITTO DENKO CORPORATION** [JP/JP]; 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **IZUMI, Kyoko** [JP/JP]; Nitto Denko Corporation, 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP). **NAKANO, Shusaku** [JP/JP]; Nitto Denko Corporation, 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP). **MOCHIZUKI, Amane** [JP/JP]; Nitto Denko Corporation, 1–2, Shimohozumi 1–chome, Ibaraki–shi, Osaka 567–0041 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6028 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49172** (13) A1

(21) PCT/US98/08398

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,970 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07D 495/04, A61K 31/435**

(54) • REGIOISOMERIC BENZOTHIOPYRANOPYRIDINES HAVING ANTITUMOR ACTIVITY
• BENZOTHIOPYRANOPYRIDINES REGIOISOMERES A ACTIVITE ANTITUMORALE

(71) **UNIVERSITY OF VERMONT** [US/US]; Waterman Building, Burlington, VT 05405–0160 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KRAPCHO, A., Paul** [US/US]; 30 Beaver Creek, Shelburne, VT 05482 (US).

(74) **MURRAY, Robert, B.**; Suite 330, 655 15th Street N.W., Metropolitan Square – G Street Lobby, Washington, DC 20005 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49173** (13) A1

(21) PCT/CA98/00376

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,793 (32) **24 Apr/avr 1997 (24.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07F 9/00, A61K 31/555, C07D 309/38, C09D 213/60**

(54) • VANADIUM COMPLEXES AND DERIVATIVES THEREOF AND METHODS RELATED THERETO
• COMPLEXES DE VANADIUM, DERIVES DE CES COMPLEXES ET PROCEDES CONNEXES

(71) **ANGIOTECH PHARMACEUTICALS, INC.** [CA/CA]; 6600 N.W. Marine Drive, Vancouver, British Columbia V6T 1Z4 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ZHANG, Zaihui** [CA/CA]; 320 – 8300 General Currie Road, Richmond, British Columbia V6Y 3X1 (CA). **TOLEIKIS, Philip** [CA/CA]; 3075 West 28th Avenue, Vancouver, British Columbia V6Y 3X1 (CA). **LEMIEUX, Pierre** [US/CA]; 6775 42nd Avenue, Montreal, Quebec H1T 2T1 (CA).

(74) **NASSIF, Omar, A.** et al. / etc.; Gowling, Strathy & Henderson, Suite 4900, Commerce Court West, Toronto, Ontario M5L 1J3 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49174** (13) A1

(21) PCT/CN98/00069

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(31) 97102796.X (32) **30 Apr/avr 1997** (33) CN **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51) **C07F 15/00, A61K 31/295**

(54) • SYNTHESIS OF PLATINUM COMPLEXES AND USES THEREOF
• SYNTHESE DE COMPLEXES DE PLATINE ET SES UTILISATIONS

(71) **THE CHINESE UNIVERSITY OF HONG KONG** [CN/CN]; Shatin, New Territories, Hong Kong Special Administrative Region (CN).

(72) **AU–YEUNG, Steve, C., F.**; The Chinese University of Hong Kong, University Residence No. 4,8A, Shatin, New Territories, Hong Kong Special Administrative Region (CN). **HO, Yee, Ping**; 8B, Block 7, Pristine Villa, Tai Wai, New Territories, Hong Kong Special Administrative Region (CN). **LIN, Ge**; 5C, Block 6, Villa Athena, Ma On Shan, Shatin, New Territories, Hong Kong Special Administrative Region (CN). **HAN, Xiuwen**; 115 Jianshan Street, Shahekou District, Dalian City, Liaoning Province (CN). **WANG, Xinning**; 113 Sanyuan Street, Xigang District, Dalian City, Liaoning Province (CN). **LU, Shiwei**; 457 Zhongshan Road, Dalian City, Liaoning Province (CN). **JIANG, Tao**; 113 Sanyuan Street, Xigang District, Dalian City, Liaoning Province (CN).

(74) **NTD PATENT & TRADEMARK AGENCY LTD BEIJING OFFICE**; 10/F., 6 Beisanhuanzhonglu Road, Dewai, Beijing 100011 (CN).

(81) AT AU BR CA CN FI IL JP KP KR LU MX NO NZ PL PT RO RU SE SG; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49175** (13) A1

(21) PCT/EP98/02322

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) de (26) de

(31) 197 17 968.1 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 13/06**

(54) • METHOD FOR PRODUCING CARBOHYDRATE PARTIAL ESTERS
• PROCEDE DE PREPARATION D'ESTERS PARTIELS D'HYDRATE DE CARBONE

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

(72, 75) **CLAVERIE, Valérie** [FR/FR]; 5, rue du Professeur Gaston Dupouy, F–31100 Toulouse (FR). **CECUTTI, Christine** [FR/FR]; 17, rue Nelson Mandela, F–31240 Saint Jean (FR). **MOULOUNGUI, Zephirin** [FR/FR]; 4, rue d'Arles, F–31500 Toulouse (FR). **GASET, Antoine** [FR/FR]; 75, allée de Brienne, F–31000 Toulouse (FR). **LE HEN FERRENBACH, Catherine** [FR/FR]; Résidence Les Gémeaux, 10, rue Louis Braille, F–77100 Meaux (FR).

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

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(11) **WO 98/49176** (13) A1

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(22) **2 Apr/avr 1998 (02.04.1998)**

(25) en (26) en

(31) 08/847,482 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 17/02, G01N 33/58, C12Q 1/68, C09B 62/00, G01N 33/533, C08B 37/00**

(54) • GLYCOCONJUGATED FLUORESCENT LABELING REAGENTS
• REACTIFS DE MARQUAGE FLUORESCENTS GLYCOCONJUGUES

(71) **CARNEGIE MELLON UNIVERSITY** [US/US]; 5000 Forbes Avenue, Pittsburgh, PA 15213 (US).

(72) **REDDINGTON, Mark, V.**; 374 S. Negley Avenue, Pittsburgh, PA 15232 (US). **WAGGONER, Alan, S.**; 121 S. Lexington Avenue, Pittsburgh, PA 15215 (US).

(74) **CRAWFORD, Arthur, R.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201–4714 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49177** (13) A1

(21) PCT/GB98/01222

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9706811.0 (32) **28 Apr/avr 1997** (33) GB **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 19/04, 19/06, A61K 31/70, C07D 307/14, 307/04**

(54) • ANTI–VIRAL PYRIMIDINE NUCLEOSIDE ANALOGUES
• ANALOGUES DE NUCLEOSIDES DE PYRIMIDINE ANTIVIRAUX

(71) **UNIVERSITY COLLEGE CARDIFF CONSULTANTS LIMITED** [GB/GB]; 56 Park Place, P.O. Box 497, Cardiff CF1 3XR (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCGUIGAN, Christopher** [GB/GB]; 2 Alfreda Road, Whitchurch, Cardiff CF4 2EH (GB). **YARNOLD, Christopher** [GB/GB]; 28 Pebble Drive, Didcot, Oxon OX11 9RE (GB). **JONES, Garry** [GB/GB]; Flat B, 16 Moss Lane, Orrell Park, Aintree, Liverpool L9 8AJ (GB). **BALZARINI, Jan** [BE/BE]; Kapeldreef 20, B–3001 Heverlee (BE). **DE CLERCQ, Erik** [BE/BE]; Parklaan 9, B–3360 Lovenjoel (BE).

(74) **HOWARD, Paul, Nicholas**; Carpmaels & Ransford, 43 Bloomsbury Square, London WC1A 2RA (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49178** (13) A1

(21) PCT/US98/08215

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,124 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 19/06, 21/00**

(54) • METHOD OF SYNTHESIS OF 2–O–SUBSTITUTED PYRIMIDINE NUCLEOSIDES AND OLIGONUCLEOTIDES
• TECHNIQUE DE SYNTHESE DE NUCLEOSIDES A SUBSTITUTION PYRIMIDINE 2'–O ET D'OLIGONUCLEOTIDES

(71) **HYBRIDON, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROY, Saroj, K.** [IN/US]; 34 Ethan Allen Drive, Acton, MA 01720 (US). **TANG, Jin, Yang** [CN/US]; 15 Sandpiper Drive, Shrewsbury, MA 01545 (US).

(74) **NOONAN, Kevin, E.**; McDonnell Boehnen Hulbert & Berghoff, 300 South Wacker Drive, Chicago, IL 60606 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(21) PCT/PL98/00014

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) P.319677 (32) **25 Apr/avr 1997** (33) PL **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 21/00**

(54) • A PROCESS FOR THE SYNTHESIS OF MODIFIED P–CHIRAL NUCLEOTIDE ANALOGUES
• PROCEDE DE SYNTHESE D'ANALOGUES DE NUCLEOTIDES CHIRAUX P MODIFIES

(71) **POLSKA AKADEMIA NAUK, CENTRUM BADAN MOLEKULARNYCH I MAKROMOLEKULARNYCH** [PL/PL]; ul. Sienkiewicza 112, PL–90–363 Łódz (PL).
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(72, 75) **STEC, Wojciech, J.** [PL/PL]; ul. Wolska 26A, PL–95–054 Ksawerów (PL). **WOZNIAK, Lucyna, A.** [PL/PL]; ul. Piotrkowska 222/6, PL–90–369 łódz (PL). **CHWOROS, Arkadiusz** [PL/PL]; ul. Porejewo 2, PL–17–200 Hajnówka (PL). **PYZOWSKI, Jarosław** [PL/PL]; ul. Górskiego 1A/41, PL–92–525 Łódz (PL).

(74) **BRODOWSKA, Iwona**; Lex–Pat Biuro Prawno–Patentowe s.c., ul. Newelska 6, PL–01–447 Warszawa (PL).

(81) AU CA JP NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/49180** (13) A1

(21) PCT/US98/08373

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/848,373 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 21/00, C12Q 1/68**

(54) • TRIPLEX FORMING OLIGONUCLEOTIDES INCLUDING PYRAZOLO(3,4–D)PYRIMIDINE BASES
• OLIGONUCLEOTIDES EN TRIPLEX, INCLUANT DES BASES PYRAZOLO(3,4–D)PYRIMIDINE

(71) **EPOCH PHARMACEUTICALS, INC.** [US/US]; 1725 – 220th Street, S.E. #104, Bothell, WA 98021 (US).

(72) **MEYER, Rich, B.**; 15533 61st Avenue, N.E., Bothell, WA 98012 (US). **GALL, Alexander**; 19701 10th Drive, S.E., Bothell, WA 98012 (US). **KUTYAVIN, Igor, V.**; 23611 48th Avenue, S.E., Bothell, WA 98021 (US).

(74) **KLEIN, Howard, J.** et al. / etc.; Klein & Szekeres, LLP, Suite 700, 4199 Campus Drive, Irvine, CA 92612 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE FI GE GH GM GW HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,427 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 21/00, C07F 9/165**

(54) • NOVEL SULFUR TRANSFER REAGENTS FOR OLIGONUCLEOTIDE SYNTHESIS
• NOUVEAUX REACTIFS DE TRANSFERT DE SOUFRE POUR LA SYNTHESE D'OLIGONUCLEOTIDES

(71) **HYBRIDON, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US).

(72) **TANG, Jin, Yan**; 15 Sandpiper Drive, Shrewsbury, MA 01545 (US). **ZHANG, Zhaoda**; 60 Commons Drive, Shrewsbury, MA 01545 (US). **NICHOLS, Alexandra**; 131 Central Street, Acton, MA 01720 (US).

(74) **KEOWN, Wayne, A.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 01209 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(21) PCT/US98/08810

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/846,879 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 21/00**

(54) • HYPERSTRUCTURE–FORMING CARRIERS
• VEHICULES FORMANT DES HYPERSTRUCTURES

(71) **HYBRIDON, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US).

(72) **AGRAWAL, Sudhir**; 61 Lamplighter Drive, Shrewsbury, MA 01545 (US).

(74) **KEOWN, Wayne, A.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49183** (13) A1

(21) PCT/US98/08901

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,303 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 21/00**

(54) • BASE PROTECTING GROUPS AND PROCESS FOR OLIGONUCLEOTIDE SYNTHESIS
• GROUPES PROTECTEURS DE BASES ET PROCEDE DE SYNTHESE D'OLIGONUCLEOTIDES

(71) **HYBRIDON, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US).

(72) **AGRAWAL, Sudhir**; 61 Lamplighter Drive, Shrewsbury, MA 01545 (US). **IYER, Radhakrishnan, P.**; Unit 1, 34 Shrewsbury Green Drive, Shrewsbury, MA 01545 (US). **HABUS, Ivan**; 50 Commons Drive #32, Shrewsbury, MA 01545 (US). **YU, Dong**; Apartment 9, 25 Yorkshire Terrace, Shrewsbury, MA 01545 (US).

(74) **KEOWN, Wayne, A.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 01209 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49184** (13) A1

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(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,528 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 21/04, A61K 38/00, 39/00, 39/12, G01N 33/574, C07K 5/00, 7/00, 16/00, 17/00**

(54) • ISOLATED NUCLEIC ACID MOLECULE CODING FOR TUMOR REJECTION ANTIGEN PRECURSORS MAGE–C1 AND MAGE–C2 AND USES THEREOF
• MOLECULE D'ACIDE NUCLEIQUE ISOLEE CODANTE POUR LE PRECURSEUR D'ANTIGENE DE REJET TUMORAL MAGE–C1 ET MAGE–C2 ET SES UTILISATIONS

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [CH/US]; 1345 Avenue of the Americas, New York, NY 10105 (US).

(72) **LUCAS, Sophie**; Avenue Hippocrate 74, UCL 7459, B–1200 Brussels (BE). **DE SMET, Charles**; Avenue Hippocrate 74, UCL 7459, B–1200 Brussels (BE). **BOON–FALLEUR, Thierry**; Avenue Hippocrate 74, UCL 7459, B–1200 Brussels (BE).

(74) **SCHOFIELD, Mary, Anne**; Felfe & Lynch, 805 Third Avenue, New York, NY 10022 (US).

(81) AU CA CN JP KR NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49185** (13) A1

(21) PCT/US98/08563

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/044,976 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 09/002,361 (32) **2 Jan/jan 1998 (02.01.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07H 21/04, C12N 15/00, 5/00, C12P 21/06**

(54) • LEPIDOPTERAN GABA–GATED CHLORIDE CHANNELS
• CANAUX CHLORURE ACTIVES PAR GABA CHEZ DES LEPIDOPTERES

(71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).

(72) **HALLING, Blaik, P.**; 1384 Chase Road, Newtown, PA 18940 (US). **YUHAS, Debra, A.**; 622 Hanover Drive, Wrightstown, NJ 08562 (US).

(74) **BLOOM, Allen** et al. / etc.; Dechert Price & Rhoads, P.O. Box 5218, Princeton, NJ 08543–5218 (US).

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

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(11) **WO 98/49186** (13) A1

(21) PCT/US98/08395

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,828 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 09/065,291 (32) **23 Apr/avr 1998 (23.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 1/04**

(54) • DIPEPTIDE SURROGATES CONTAINING ASPARAGINE–DERIVED TETRAHYDROPYRIMIDINONES
• SUBSTITUTS DE DIPEPTIDES CONTENANT DES TETRAHYDROPYRIMIDINONES DERIVES D'ASPARAGINE

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 1111 Franklin Street, Fifth Street, Oakland, CA 94607–5200 (US).

(72) **KONOPELSKI, Joseph, P.**; 209 Dickens Way, Santa Cruz, CA 95064 (US). **FILONOVA, Lubov, K.**; 1270 Connecticut Drive, Redwood City, CA 94061 (US).

(74) **BERLINER, Robert**; Fulbright & Jaworski L.L.P., 29th floor, 865 S. Figueroa Street, Los Angeles, CA 90017–2571 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49187** (13) A1

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,338 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 1/04, B01J 19/00, C07H 21/00**

(54) • APPARATUS FOR SYNTHESIS OF OLIGOMERS, ESPECIALLY PEPTOIDS, WITH REAGENT RECYCLING
• APPAREIL PERMETTANT DE SYNTHETISER DES OLIGOMERES, EN PARTICULIER DES PEPTOIDES, QUI COMPORTE UN RECYCLAGE DE REACTIFS

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street – R440, Emeryville, CA 94608 (US).

(72) **ZUCKERMANN, Ronald**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (US). **TROUNG, Kiet**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (US). **DeROSE, Selina**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (US). **KUEY, Katy**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (US). **OWINGS, Matthew**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (US). **VER STEEG, Benjamin**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (US). **CHEN, Henry**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (US).

(74) **FUJITA, Sharon, M.**; Chiron Corporation, Intellectual Property – R440, P.O. Box 8097, Emeryville, CA 94662–8097 (US) et al. / etc.

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

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(11) **WO 98/49188** (13) A1

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/819,177 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 5/00, C12N 9/00, A61K 38/43, 38/00, C07H 21/04, A61K 48/00, C12N 15/63, 15/85, 15/86**

(54) • INHIBITORS OF THE JNK SIGNAL TRANSDUCTION PATHWAY AND METHODS OF USE
• INHIBITEURS DU MECANISME DE TRANSDUCTION DU SIGNAL DE LA KINASE JN ET PROCEDES D'UTILISATION

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; Floor 26, One Beacon Street, Boston, MA 02108 (US).

(72) **DAVIS, Roger, J.**; 53 Hickory Drive, Princeton, MA 01541 (US). **DICKENS, Martin**; Top Flat, 85 Coronation Road, Southville, Bristol BS3 1AT (GB).

(74) **FASSE, J., Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110–2804 (US).

(81) AU CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49189** (13) A1

(21) PCT/HU98/00040

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) P 97 00816 (32) **28 Apr/avr 1997 (28.04.1997)** (33) HU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 5/02, 14/81, A61K 38/07**

(54) • (3R)–3–AMINO–4–CARBOXYBUTYRALDEHYDE DERIVATIVES INHIBITING THE RELEASE OF INTERLEUKIN–1/BETA
• DERIVES DE (3R)–3–AMINO–4–CARBOXYBUTYRALDEHYDE INHIBANT LA LIBERATION D'INTERLEUKINE–1/BETA

(71) **GYÓGYSZERKUTATÓ INTÉZET KFT.** [HU/HU]; Berlini utca 47–49, H–1045 Budapest (HU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAJUSZ, Sándor** [HU/HU]; Derék u. 16/a, H–1016 Budapest (HU). **VÉGHELYI, Irén** [HU/HU]; Labanc u. 6/b, H–1021 Budapest (HU). **NÉMETH, Klára** [HU/HU]; Ányos u. 5, H–1031 Budapest (HU). **BARABÁS, Éva** [HU/HU]; Pusztaszeri út 6, H–1025 Budapest (HU). **JUHÁSZ, Attila** [HU/HU]; Petneházy u. 23, H–1139 Budapest (HU). **LANGÓ, József** [HU/HU]; Amfiteátrum u. 11, H–1031 Budapest (HU). **LAVICH, Emília** [HU/HU]; Frankovics M. út 33, H–1150 Budapest (HU). **MOHAI, Zsuzsanna** [HU/HU]; Barátka u. 48, H–1173 Budapest (HU). **MORAVCSIK, Imre** [HU/HU]; Mester u. 38, H–1095 Budapest (HU). **TASCHLER, Zsuzsanna** [HU/HU]; Amfiteátrum u. 27, H–1031 Budapest (HU). **TÓTH, Gábor** [HU/HU]; Veres P. u. 74, H–1163 Budapest (HU). **PATTHY, Miklós** [HU/HU]; Sárospatak u. 38–40, H–1125 Budapest (HU). **SALÁT, János** [HU/HU]; Veresegyház u. 21, H–1151 Budapest (HU). **SZEKER, Ágnes** [HU/HU]; Deák F. u. 81, H–1041 Budapest (HU). **MAKK, Klára** [HU/HU]; Liget u. 26, H–2623 Kismaros (HU).

(74) **DANUBIA**; Bajcsy–Zsilinszky út 16, H–1051 Budapest (HU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,819 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) Not furnished / non communiqué (32) **23 Apr/avr 1998 (23.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 5/06, 5/08, 5/10**

(54) • SUBSTITUTED OXADIAZOLE CYSTEINE PROTEASE INHIBITORS
• INHIBITEURS DE L'OXADIAZOLE CYSTEINE PROTEASE A SUBSTITUTION

(71) **CORTECH, INC.** [US/US]; 6850 North Broadway, Denver, CO 80221 (US).
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(72, 75) **SPRUCE, Lyle, W.** [US/US]; 948 Camino Del Sol, Chula Vista, CA 91910 (US). **GYORKOS, Albert, C.** [US/US]; 11795 Decatur Drive, Westminster, CO 80234 (US). **CHERONIS, John, C.** [US/US]; 24011 Pleasant Park Road, Conifer, CO 80433 (US). **GOODFELLOW, Val, S.** [US/US]; 5490 North Indian Trail, Tucson, AZ 85750 (US). **LEIMER, Axel, H.** [DE/US]; 131 Milk Street, Westborough, MA 01581 (US). **YOUNG, John, M.** [US/US]; 399 Summit Drive, Redwood City, CA 94062 (US). **GERRITY, James, Ivan** [US/US]; 917 Second Avenue, S.E., Albany, OR 97321 (US).

(74) **BURKE, John, E.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49191** (13) A1

(21) PCT/US98/01711

(22) **29 Jan/jan 1998 (29.01.1998)**

(25) en (26) en

(31) 08/848,580 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 5/10**

(54) • NOVEL PULMONARY SURFACTANTS AND THERAPEUTIC USES, INCLUDING PULMONARY LAVAGE

- NOUVEAUX TENSIOACTIFS PULMONAIRES ET UTILISATIONS THERAPEUTIQUES, COMPRENANT LE LAVAGE PULMONAIRE

(71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).

(72) **COCHRANE, Charles, G.**; 7782 Ludington Place, La Jolla, CA 92037 (US). **REVAK, Susan, D.**; 6561 Cascade Street, San Diego, CA 92122 (US).

(74) **FITTING, Thomas** et al. / etc.; The Scripps Research Institute, TPC–8, 10550 North Torrey Pines Road, La Jolla, CA 92037 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49192** (13) A1

(21) PCT/AU98/00311

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) PO 6528 (32) **30 Apr/avr 1997 (30.04.1997)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 7/08, 14/195, 16/12, A61K 39/02, 39/40, G01N 33/569**

(54)
- SYNTHETIC PEPTIDE CONSTRUCTS FOR THE DIAGNOSIS AND TREATMENT OF PERIODONTITIS ASSOCIATED WITH *PORPHYROMONAS GINGIVALIS*
- PRODUITS DE SYNTHESE PEPTIDIQUES PERMETTANT LE DIAGNOSTIC ET LE TRAITEMENT DE LA DESMODONTITE ASSOCIEE A LA *PORPHYROMONAS GINGIVALIS*

(71) **THE UNIVERSITY OF MELBOURNE** [AU/AU]; Royal Parade, Parkville, VIC 3052 (AU). **VICTORIAN DAIRY INDUSTRY AUTHORITY** [AU/AU]; The University of Melbourne, Walter Boas Building, Level 4, Parkville, VIC 3052 (AU). **CSL LIMITED** [AU/AU]; 45 Poplar Road, Parkville, VIC 3052 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REYNOLDS, Eric, Charles** [AU/AU]; 104 Hill Road, North Balwyn, VIC 3104 (AU). **O'BRIEN–SIMPSON, Neil, Martin** [GB/AU]; 7/10 South Audley Street, Brunswick, VIC 3052 (AU). **SLAKESKI, Nada** [AU/AU]; 4 Findon Street, Kew, VIC 3101 (AU).

(74) **F.B. RICE & CO.**; 605 Darling Street, Balmain, NSW 2041 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49193** (13) A1

(21) PCT/FR98/00838

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) fr (26) fr

(31) 97/05351 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 7/64, A61K 38/13**

(54)
- NOVEL CYCLOSPORIN DERIVATIVES, PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME
- NOUVEAUX DERIVES DE CYCLOSPORINE, LEUR PREPARATION ET LES COMPOSITIONS PHARMACEUTIQUES QUI LES CONTIENNENT

(71) **RHONE–POULENC RORER S.A.** [FR/FR]; 20, avenue Raymond Aron, F–92160 Antony (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EVERS, Michel** [BE/FR]; 8, rue Robert Schumann, F–94510 La Queue en Brie (FR). **MIGNANI, Serge** [FR/FR]; 14, avenue de Robinson, F–92290 Châtenay Malabry (FR). **CARRY, Jean–Christophe** [FR/FR]; 15, rue des Peupliers, F–92190 Meudon (FR). **FILOCHE, Bruno** [FR/FR]; 9, avenue de Ceinture, F–94000 Créteil (FR). **BASHIARDES, Georges** [CY/FR]; 59, rue Maurepas, F–94320 Thiais (FR). **BENSOUSSAN, Claude** [FR/FR]; 4, avenue de la Croix du Sud, F–94550 Chevilly Larue (FR). **GUEGUEN, Jean–Christophe** [FR/FR]; Résidence le Grand Cerf, 175, avenue Jean Jaurès, F–92290 Châtenay Malabry (FR). **BARRIERE, Jean–Claude** [FR/FR]; 24, rue Max Ernst, F–91400 Bures sur Yvette (FR).

(74) **LOBJOIS, Françoise**; Rhône–Poulenc Rorer S.A., Direction Brevets, 20, avenue Raymond Aron, F–92165 Antony Cedex (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49194** (13) A2

(21) PCT/US98/08724

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,790 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 14/00**

(54)
- NEW RAS–LIKE PROTEIN
- NOUVELLE PROTEINE DE TYPE RAS

(63) US 08/846,790 (CIP) 30 Apr/avr 1997 (30.04.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 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 #12, Mountain View, CA 94040 (US). **GOLI, Surya, K.** [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49195** (13) A1

(21) PCT/NL98/00237

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 97201292.6 (32) **29 Apr/avr 1997 (29.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 14/165, C12N 7/04, 15/86**

(54)
- CORONA VIRUS–LIKE PARTICLES AS TOOLS FOR VACCINATION AND THERAPY
- PARTICULES DE TYPE CORONAVIRUS UTILISEES COMME OUTILS POUR LA VACCINATION ET LE TRAITEMENT

(71) **UNIVERSITEIT UTRECHT** [NL/NL]; Heidelberglaan 100, NL–3584 CX Utrecht (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROTTIER, Petrus, Josephus, Marie** [NL/NL]; Vijverlaan 45, NL–3737 RG Groenekan (NL).

(74) **SMULDERS, Th., A., H., J.**; Vereenigde Octrooibureaux, Nieuwe Parklaan 97, NL–2587 BN The Hague (NL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49196** (13) A1

(21) PCT/US98/08864

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/847,007 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 14/585, A61K 51/08 // 103:00, 121:00**

(54)
- CALCITONIN RECEPTOR–BINDING PEPTIDES
- PEPTIDES FIXANT LE RECEPTEUR DE LA CALCITONINE

(71) **DIATIDE, INC.** [US/US]; 9 Delta Drive, Londonderry, NH 03053 (US).

(72) **DEAN, Richard, T.**; 43 King Road, Bedford, NH 03110 (US). **BUSH, Larry, R.**; 64 Columbus Avenue, Exeter, NH 03833 (US). **PEARSON, Daniel, A.**; 149 Beals Road, Bedford, NH 03110 (US). **LISTER–JAMES, John**; 25 Old Stone Way, Bedford, NH 03110 (US).

(74) **McDANIELS, Patricia, A.** et al. / etc.; Diatide, Inc., 9 Delta Drive, Londonderry, NH 03053 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49197** (13) A1

(21) PCT/CZ98/00019

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) PV 1315–97 (32) **30 Apr/avr 1997 (30.04.1997)** (33) CZ

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 14/81, 5/10**

(54) • OLIGOPEPTIDIC INHIBITORS OF ELASTASES AND METHODS OF PREPARATION THEREOF
• INHIBITEURS OLIGOPEPTIDIQUES D'ELASTASES ET PROCEDES DE PREPARATION DE CES INHIBITEURS

(71) **VÚFB, A.S.** [CZ/CZ]; Kouřimská 17, 130 60 Praha 3 (CZ).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASAFÍREK, Evzen** [CZ/CZ]; Lomená 27, 162 00 Praha 6 (CZ). **PIHERA, Pavel** [CZ/CZ]; Limuzská 530/507, 108 00 Praha 10 (CZ). **ŠTURC, Antonín** [CZ/CZ]; Kolářova 648/7, 143 00 Praha 4 (CZ). **ŠEDO, Aleksi** [CZ/CZ]; Dominova 2470, 155 00 Praha 5 (CZ).

(74) **GUTTMANN, Michal**; Rott, Ruzička & Guttmann, P.O. Box 71, 142 00 Praha 4 (CZ).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49198** (13) A1

(21) PCT/US98/08662

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/044,449 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 60/050,472 (32) **23 Jun/juin 1997 (23.06.1997)** (33) US

(31) 60/063,074 (32) **27 Oct/oct 1997 (27.10.1997)** (33) US

(31) 60/067,341 (32) **2 Dec/déc 1997 (02.12.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 16/00, C12N 1/20, 15/00, C12P 21/08**

(54) • SINGLE–CHAIN ANTIGEN–BINDING PROTEINS CAPABLE OF GLYCOSYLATION, PRODUCTION AND USES THEREOF
• PROTEINES A CHAINE UNIQUE FIXANT LES ANTIGENES CAPABLES DE GLYCOSYLATION, PRODUCTION ET UTILISATIONS DE CES DERNIERES

(71) **ENZON, INC.** [US/US]; 20 Kingsbridge Road, Piscataway, NJ 08854–3963 (US).

(72) **FILPULA, David**; 269 Carlton Club Drive, Piscataway, NJ 08854 (US). **WANG, Maoliang**; 54 Rice Run, East Brunswick, NJ 08816 (US). **SHORR, Robert**; 28 Brookfall Road, Edison, NJ 08817 (US). **WHITLOW, Marc**; 3675 May Road, El Sobrante, CA 94803 (US). **LEE, Lihsyng, S.**; 22 Van Wyck Drive, Princeton Junction, NJ 08550 (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) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49199** (13) A1

(21) PCT/US98/08720

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,278 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C07K 16/00, C12Q 1/60, G01N 33/00, 33/53, 33/92**

(54) • CARDIOVASCULAR DISEASE RISK ASSESSMENT
• ESTIMATION DU RISQUE DE MALADIE CARDIO–VASCULAIRE

(71) **PANORAMA RESEARCH, INC.** [US/US]; 2462 Wyandotte Street, Mountain View, CA 94043 (US). **COOKE PHARMA, INC.** [US/US]; 605 Castro Street, Mountain View, CA 94041 (US).

(72) **BALINT, Robert, F.**; 4003 Scripps Avenue, Palo Alto, CA 94306 (US). **COOKE, John, P.**; 4022 Ben Lomond Drive, Palo Alto, CA 94306 (US).

(74) **ROWLAND, Bertram, I.** et al. / etc.; Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111–4187 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49200** (13) A1

(21) PCT/EP98/02092

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) fr (26) fr

(31) 97/05430 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08B 1/00, 1/02, 1/06**

(54) • REACTIVE CELLULOSE AND METHOD FOR MAKING SAME
• CELLULOSE REACTIVE ET PROCEDE DE FABRICATION DE CETTE CELLULOSE

(71) **RHODIA ACETOW** [DE/DE]; Engesserstrasse 8, D–79108 Freiburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARSTENS, Ties** [DE/DE]; Schwimmbad Strasse 23, D–79268 Boetzingen (DE). **STEIN, Armin** [DE/DE]; Klostermattenstrasse 6a, D–79341 Kenzingen (DE). **STEINMEIER, Hans** [DE/DE]; Rosenweg 2, D–79331 Teningen (DE).

(74) **ESSON, Jean–Pierre**; Rhodia Services, Direction de la Propriété Industrielle, Crit–Carrières, Boîte postale 62, F–69192 Saint–Fons Cedex (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49201** (13) A1

(21) PCT/US98/08767

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/841,036 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08B 11/20, 15/00, 31/00, 37/00, 37/14, C12P 19/14**

(54) • GALACTOSYLATED HYDROXYALKYL POLYSACCHARIDES AND THEIR DERIVATIVES
• POLYSACCHARIDES D'HYDROXYALKYLE GALACTOSYLES ET LEURS DERIVES

(71) **HERCULES INCORPORATED** [US/US]; Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894–0001 (US). **UNIVERSITY OF MIAMI** [US/US]; 327 Max Orovitz Building, 1507 Levante Avenue, Coral Gables, FL 33124–1432 (US).

(72) **CHENG, H., N.**; 702 Hertford Road, Edenridge, Wilmington, DE 19803 (US). **NICKOL, Robert, G.**; 1 Rebecca Court, Peirson Ridge, Hockessin, DE 19707–9287 (US). **WANG, George**; 9620 S.W. 72 Court, Miami, FL 33156 (US). **LI, Jun**; 9460 Fountainbleu Boulevard #519, Miami, FL 33172 (US).

(74) **SLOAN, Martin, F.**; Hercules Incorporated, Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894–0001 (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 GW 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 UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49202** (13) A1

(21) PCT/US98/08752

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,111 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 08/877,682 (32) **17 Jun/juin 1997** (33) US **(17.06.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08B 37/04, A61F 2/00, A61K 9/22, 31/715**

(54) • NOVEL HETERO–POLYSACCHARIDE CONJUGATES, NOVEL s–INP POLYSACCHARIDE GELS AND METHODS OF MAKING AND USING THE SAME
• NOUVEAUX CONJUGUES D'HETERO–POLYSACCHARIDES, NOUVEAUX GELS DE POLYSACCHARIDE A RESEAUX POLYMERES A SEMI–INTERPENETRATION ET PROCEDES DE PRODUCTION ET D'UTILISATION DESDITS GELS

(71) **BIOMM, INCORPORATED** [US/US]; 14775 S.W. 132 Place, Miami, FL 33186 (US).

(72) **MARES–GUIA, Marcos**; 14755 S.W. 132 Place, Miami, FL 33186 (US). **RICORDI, Camillo**; 72 South Hibiscus Drive, Miami Beach, FL 33139 (US).

(74) **HAUG, Edgar, H.** et al. / etc.; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (US).

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

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(11) **WO 98/49203** (13) A1

(21) PCT/US98/08235

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,733 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08C 1/04**

(54) • METHOD OF NEUTRALIZING PROTEIN ALLERGENS IN NATURAL RUBBER LATEX, PRODUCTS FORMED THEREBY, AND ARTICLES MANUFACTURED THEREFROM
• TECHNIQUE VISANT A NEUTRALISER DES ALLERGENES PROTIDIQUES DANS DU LATEX DE CAOUTCHOUC NATUREL, PRODUITS AINSI OBTENUS ET ARTICLES AINSI FABRIQUES

(71) **ALLERGEN REDUCTION, INC.** [US/US]; 3017 Dianne Drive, Middleton, WI 53562 (US).

(72) **TRAUTMAN, Jack, C.**; 3017 Dianne Drive, Middleton, WI 53562 (US).

(74) **LEONE, Joseph, T.**; DeWitt Ross & Stevens S.C., 8000 Excelsior Drive, Madison, WI 53717–1914 (US).

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

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(11) **WO 98/49204** (13) A1

(21) PCT/EP98/02429

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 877.4 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 2/16, B01J 19/24**

(54) • METHOD FOR PRODUCING HOMOPOLYMERIZATES AND COPOLYMERIZATES
• PRODUCTION D'HOMOPOLYMERISATS ET DE COPOLYMERISATS PARTICULAIRES A PARTIR D'UNE MICROSUSPENSION DANS UN REACTEUR TUBULAIRE

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

(72, 75) **MCKEE, Graham, Edmund** [GB/DE]; Heinrich–Strieffler–Strasse 68, D–67433 Neustadt (DE). **LAWRENZ, Sven** [DE/DE]; L 11.8, D–68161 Mannheim (DE). **MATHAUER, Klemens** [DE/DE]; Hornstrasse 10, D–67061 Ludwigshafen (DE).

(74) **ISENBRUCK, Günter**; Bardehle et al., Theodor–Heuss–Anlage 12, D–68165 Mannheim (DE).

(81) CN JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49205** (13) A1

(21) PCT/EP98/02436

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 18 289.5 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 2/24, C09D 157/00, C09J 157/00**

(54) • METHOD FOR PRODUCING AQUEOUS POLYMER DISPERSIONS
• PROCEDE DE PRODUCTION DE DISPERSIONS POLYMERES AQUEUSES

(71) **WACKER–CHEMIE GMBH** [DE/DE]; Hanns–Seidel–Platz 4, D–81737 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEITZEL, Hans–Peter** [DE/DE]; Sonnenstrasse 8, D–84571 Reischach (DE). **FIGGE, Reiner** [DE/DE]; Buchenstrasse 3, D–84539 Ampfing (DE).

(74) **SCHUDERER, Michael** et al. / etc.; Wacker–Chemie GmbH, Zentralbereich PML, Hanns–Seidel–Platz 4, D–81737 München (DE).

(81) HU PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49206** (13) A1

(21) PCT/GB98/01213

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708325.7 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 8/06, C08G 85/00**

(54) • INTRODUCING FUNCTIONAL GROUPS TO A POLYMER
• INTRODUCTION DE GROUPES FONCTIONNELS DANS UN POLYMERE

(71) **POLYBIOMED LIMITED** [GB/GB]; Sheffield Technology Park, 60 Shirland Lane, Sheffield S9 3SP (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AL–LAMEE, Kadem, Gayad** [GB/GB]; 64 Broomfield, Leeds LS16 7AD (GB). **TAKTAK, Yousef, Samih** [GB/GB]; Barncroft, Farley, Matlock, Derbyshire DE4 5LR (GB).

(74) **BERESFORD, Keith, Denis, Lewis**; Beresford & Co., 2–5 Warwick Court, High Holborn, London WC1R 5DJ (GB).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49207** (13) A1

(21) PCT/US97/14926

(22) **25 Aug/août 1997 (25.08.1997)**

(25) en (26) en

(31) 08/841,062 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 8/30, 8/14, C08L 101/00 // (C08L 101/00, 23:26)**

(54) • BOUND ULTRAVIOLET LIGHT ABSORBERS
• ABSORBEURS DE LUMIERE ULTRAVIOLETTE LIES

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(72) **OLSON, David, B.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **BURNS, David, M.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(74) **JORDAN, Robert, H.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49208** (13) A1

(21) PCT/GB98/01205

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708487.5 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 10/00, 4/70, 4/80, C07F 15/00, 15/04**

(54) • NOVEL COMPOUNDS AND THEIR USE IN POLYMERISATION
• NOUVEAUX COMPOSES ET LEUR UTILISATION DANS UN PROCEDE DE POLYMERISATION

(71) **BP CHEMICALS LIMITED** [GB/GB]; Britannic House, 1 Finsbury Circus, London EC2M 7BA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRES, Philippe–Luc** [FR/GB]; 67 Corringway, Ealing, London W5 3HB (GB). **GIBSON, Vernon, Charles** [GB/GB]; Flat 2, 46 Prince's Gate, Exhibition Road, London SW7 2QA (GB). **MABILLE, Christine, Daniele, Florence** [FR/GB]; 108 Richmond Road, Kingston–upon–Thames, Surrey KT2 5EP (GB). **REED, Warren** [GB/GB]; 30 Kinross Drive, Sunbury–on–Thames, Middlesex TW16 7JU (GB). **WASS, Duncan** [GB/GB]; 31 Swepstone Road, Heather, Coalville, Leicestershire LE67 2RE (GB). **WEATHERHEAD, Richard, Henry** [GB/GB];

1 Cabbell Place, Addlestone, Surrey KT15 2XF (GB).

(74) **PREECE, Michael**; BP International Limited, Group Patents & Agreements, Chertsey Road, Sunbury–on–Thames, Middlesex TW16 7LN (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 GW HU ID 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49209** (13) A1

(21) PCT/US98/08042

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/846,159 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 10/02**

(54) • PREMIUM PIPE RESINS
• RESINES POUR TUYAUX DE QUALITE SUPERIEURE

(71) **MOBIL OIL CORPORATION** [US/US]; 3225 Gallows Road, Fairfax, VA 22037 (US).

(72) **BARRY, David, Bruce**; 2195 Route 27, Edison, NJ 08818 (US). **CROTTY, Vincent, Joseph**; 3213 Danskin Road, Wall, NJ 07719 (US). **EGAN, Brian, John**; 231 Maidstone Street, Altona, VIC 3018 (AU). **MINK, Robert, Ivan**; 30A Gates Avenue, Warren, NJ 07059 (US). **NOWLIN, Thomas, Edward**; 7 Perrine Path, Cranbury, NJ 08512 (US). **SCHREGENBERGER, Sandra, Denise**; 5 Hope Court, Neshanic, NJ 08853 (US). **SCHURZKY, Kenneth, George**; 688 North View Drive, Bridgewater, NJ 08807 (US). **SHIRODKAR, Pradeep, Pandurang**; 8 McIntire Drive, Belle Mead, NJ 08502 (US).

(74) **SCHNELLER, Marina, V.** et al. / etc.; Mobil Oil Corporation, 3225 Gallows Road, Fairfax, VA 22037 (US).

(81) AU CA JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49210** (13) A1

(21) PCT/JP97/03855

(22) **23 Oct/oct 1997 (23.10.1997)**

(25) ja (26) ja

(31) 9/121467 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 14/08, 6/16**

(54) • POLYVINYLIDENE CHLORIDE LATEX AND PROCESS FOR THE PREPARATION THEREOF
• LATEX DE CHLORURE DE POLYVINYLIDENE ET SON PROCEDE DE PRODUCTION

(71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2–6, Dojimahama 1–chome, Kita–ku, Osaka–shi, Osaka 530 (JP).
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(72, 75) **SAKAI, Hideki** [JP/JP]; 3884–14, Nojimachi 4–chome, Nobeoka–shi, Miyazaki 882 (JP). **YAMAWAKI, Yukio** [JP/JP]; 12–10–101, Midorigaoka 4–chome, Nobeoka–shi, Miyazaki 882 (JP). **YOKOTA, Masahisa** [JP/JP]; 2531–14, Okita–machi, Nobeoka–shi, Miyazaki 882 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107 (JP).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL 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 US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49211** (13) A1

(21) PCT/US98/08859

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,348 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 60/045,410 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 210/16, 4/645**

(54) • OLEFIN POLYMERS PREPARED WITH SUBSTITUTED INDENYL CONTAINING METAL COMPLEXES
• POLYMERES D'OLEFINES PREPARES AVEC DES COMPLEXES DE METAUX CONTENANT DE L'INDENYLE SUBSTITUEE

(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) **KALE, Lawrence, T.** [CA/US]; 121 Portulaca, Lake Jackson, TX 77566 (US). **VANDERLENDE, Daniel, D.** [US/US]; 5003 Kingsland Court, Sugar Land, TX 77479 (US). **NICKIAS, Peter, N.** [US/US]; 2705 Mt. Vernon Drive, Midland, MI 48642 (US). **PATTON, Jasson, T.** [US/US]; 1302 Whitehall Street, Midland, MI 48642 (US). **STEVENS, James, C.** [US/US]; 2026 Pecan Trail Drive, Richmond, TX 77469 (US). **PARIKH, Deepak, R.** [US/US]; 59 Trillium Court, Lake Jackson, TX (US). **MANGOLD, Debra, J.** [US/US]; 301 Juniper, Lake Jackson, TX 77566 (US).

(74) **WARRICK, Noreen, D.**; Patent Dept., B–1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49212** (13) A1

(21) PCT/US97/07252

(22) **30 Apr/avr 1997 (30.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 210/18, 4/645**

(54) • ETHYLENE/ALPHA–OLEFIN/DIENE INTERPOLYMERS AND THEIR PREPARATION
• INTERPOLYMERES D'ETYLENE/ALPHA–OLEFINE/DIENE ET LEUR PREPARATION

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US). **DUPONT DOW ELASTOMERS L.L.C.** [US/US]; 300 Bellevue Parkway, Wilmington, DE 19809 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MANGOLD, Debra, J.** [US/US]; 301 Juniper Street, Lake Jackson, TX 77566 (US). **VANDERLENDE, Daniel, D.** [US/US]; 2222 Settlers Way Boulevard #1433, Sugar Land, TX 77478 (US). **KALE, Lawrence, T.** [US/US]; 121 Portulaca, Lake Jackson, TX 77566 (US). **PARIKH, Deepak, R.** [US/US]; 59 N. Trillium Court, Lake Jackson, TX 77566 (US).

(74) **HOWARD, Dan, R.** et al. / etc.; E.I. du Pont de Nemours and Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK TJ TM TR TT UA US UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49213** (13) A1

(21) PCT/US98/08284

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/842,954 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08F 290/06**

(54) • LINEAR TOUGHENED SILICONE GRAFTED POLYMERS
• POLYMERES GREFFES AU SILICONE RENFORCES LINEAIREMENT

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

(72) **MIDHA, Sanjeev**; Apartment 2D, 9274 Deercross Parkway, Cincinnati, OH 45236 (US). **MCDONOUGH, Sean, Patrick**; Apartment 8, 1056 Delta Avenue, Cincinnati, OH 45208 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49214** (13) A1

(21) PCT/US98/07610

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 9708510.4 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08G 59/14**

(54) • NITROGEN–CONTAINING EPOXY RESINS FOR PHOTOCURABLE COATING APPLICATIONS
• RESINES EPOXYDES CONTENANT DE L'AZOTE POUR APPLICATIONS COMME REVETEMENTS PHOTODURCISSABLES

(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) **GAN, Joseph** [FR/FR]; 100, route du Polygone, F–67100 Strasbourg (FR). **KOENIG, Raymond, A.** [FR/FR]; 2, rue du Hohwald, F–67550 Vendenheim (FR). **EVERETT, John, P.** [GB/DE]; Panoramastrasse 30, D–77815 Buehl (DE).

(74) **PRIETO, Joe, R.**; Patent Dept., P.O. Box 1967, Midland, MI 48641–1967 (US).

(81) BR CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49215** (13) A1

(21) PCT/EP97/02234

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08G 59/34, 63/91, C09D 163/08, 5/03, C08G 63/553**

(54) • EPOXIDIZED POLYESTER–BASED POWDER COATING COMPOSITIONS
• COMPOSITIONS DE REVETEMENTS EN POUDRE A BASE DE POLYESTER EPOXYDE

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL–2596 HR The Hague (NL).

(72) **STARK, Charles, John**; 7703 Knolls Lodge Court, Houston, TX 77095 (US). **MARX, Edward, John**; 11902 Oakcroft Drive, Houston, TX 77070 (US).

(81) BR CA CN KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49216** (13) A1

(21) PCT/EP98/02784

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,300 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08G 63/78, C08J 11/02**

(54) • PURIFICATION OF BY–PRODUCT STREAM IN PREPARATION OF POLYTRIMETHYLENE TEREPHTHALATE
• PURIFICATION D'UN COURANT DE SOUS–PRODUITS DANS LA PREPARATION DE POLYTRIMETHYLENE TEREPHTALATE

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL–2596 HR The Hague (NL).

(72) **CHUAH, Hoe, Hin**; 7746 Spruce Haven Drive, Houston, TX 77095 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49217** (13) A1

(21) PCT/US98/08948

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,373 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(31) 09/065,990 (32) **24 Apr/avr 1998** (33) US **(24.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08G 63/80**

(54) • PROCESS FOR THE PREPARATION OF POLYESTERS
• PROCEDE DE PREPARATION DE POLYESTERS

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

(72) **EKART, Michael, Paul**; 240 Grandview Court, Kingsport, TN 37664 (US). **HATAWAY, James, Earl**; 2100 Sheffield Street, Kingsport, TN 37660 (US). **MURDAUGH, Perry, Michael**; 519 Rose Sharon Drive, Lexington, SC 29072 (US). **POPWELL, Gary, Walton**; 917 Autumn Circle, Columbia, SC 29206 (US).

(74) **HARDING, Karen, A.**; P.O.Box 511, Kingsport, TN 37662–5075 (US).

(81) BR CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49218** (13) A1

(21) PCT/JP98/01948

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/112387 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08G 65/32, C09D 171/02 // C08G 77/46, C09D 183/12**

(54) • FLUOROPOLYMER, PROCESS FOR PREPARING THE SAME, AND USE THEREOF
• POLYMERE FLUORE, SON PROCEDE DE PREPARATION ET SON UTILISATION

(71) **DAIKIN INDUSTRIES LTD.** [JP/JP]; Umeda Center Building, 4–12, Nakazaki–nishi 2–chome, Kita–ku, Osaka–shi, Osaka 530–0015 (JP).
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(72, 75) **YAMAGUCHI, Fumihiko** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1–1, Nishihitotsuya, Settsu–shi, Osaka 566–0044 (JP). **HONDA, Yoshitaka** [JP/JP]; Yodogawa Works of Daikin Industries Ltd., 1–1, Nishihitotsuya, Settsu–shi, Osaka 566–0044 (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) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49219** (13) A1

(21) PCT/GB98/01066

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9708340.6 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08G 73/06, C09K 11/06, C08G 81/02, 61/10, 61/00, C08F 38/02**

(54) • PYRAZOL–BASED ELECTROLUMINESCENT POLYMERS AND THEIR USE IN ELECTROLUMINESCENT DEVICES
• POLYMERES ELECTROLUMINESCENTS A BASE DE PYRAZOLE ET LEUR UTILISATION DANS DES DISPOSITIFS ELECTROLUMINESCENTS

(71) **THE UNIVERSITY COURT OF NAPIER UNIVERSITY** [GB/GB]; Merchiston Tower, Colinton Road, Edinburgh EH10 5DT (GB).
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(72, 75) **MILBURN, George, Henry, William** [GB/GB]; 9 Orchard Court, Longriddry, East Lothian EH32 0PE (GB). **TOMASIK, Piotr** [PL/PL]; OS 2 Putku Lotniczego 9/151, PL–31–867 Krakow (PL). **DANEL, Andrzej** [PL/PL]; ul. Kopcia 2/21, PL–43–502 Czechowice–Dziedzice (PL). **HE, Zhiqun** [CN/GB]; 28 Leamington Terrace, Edinburgh EH10 4JN (GB).

(74) **MURGITROYD & COMPANY**; 373 Scotland Street, Glasgow G5 8QA (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49220** (13) A1

(21) PCT/FR98/00864

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) 97/05349 (32) **30 Apr/avr 1997** (33) FR **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08G 77/46, D06M 15/647, 15/643**

(54) • METHOD FOR PREPARING FUNCTIONALISED POLYORGANOSILOXANE BY HYDROSILYLATION AND USE OF A COMPOSITION CONTAINING AT LEAST A POLYORGANOSILOXANE FOR SOFTENING A TEXTILE MATERIAL AND MAKING IT HYDROPHILE AND DISCOLORATION–PROOF
• PROCEDE DE PREPARATION DE POLYORGANOSILOXANE FONCTIONNALISE PAR HYDROSILYLATION ET UTILISATION D'UNE COMPOSITION COMPRENANT AU MOINS UN POLYORGANOSILOXANE POUR ADOUCIR ET RENDRE NON JAUNISSANTE ET HYDROPHILE UNE MATIERE TEXTILE

(71) **RHODIA CHIMIE** [FR/FR]; 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIGNANI, Gérard** [FR/FR]; 2, avenue des Frères Lumière, F–69008 Lyon (FR). **KARRER, Philippe** [FR/FR]; 19, rue Henri–Dunat, F–68200 Mulhouse–Bourtzwiller (FR).

(74) **FABRE, Madeleine–France**; Rhodia Services, Direction de la Propriété Industrielle, 25, quai Paul Doumer, F–92408 Courbevoie Cedex (FR).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49221** (13) A1

(21) PCT/US98/07963

(22) **5 Mar/mar 1998 (05.03.1998)**

(25) en (26) en

(31) 60/044,417 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08J 3/12 // C08L 101:14**

(54) • SUPERABSORBENT POLYMERS HAVING IMPROVED PROCESSABILITY
• POLYMERES SUPERABSORBANTS AYANT UNE USINABILITE AMELIOREE

(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) **GARTNER, Herbert, A.** [DE/DE]; Rebgasse 14, D–76534 Baden–Baden (DE). **STAPLES, Thomas, L.** [US/US]; 3212 Noeske Street, Midland, MI 48640 (US). **FIALKOWSKI, Michael** [US/US]; 218 East Chapel Lane, Midland, MI 48642 (US).

(74) **HAYHURST, Paul, D.**; Patent Dept., P.O. Box 1967, Midland, MI 48641–1967 (US).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49222** (13) A1

(21) PCT/EP98/02467

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/847,705 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08J 3/22, C08K 5/098, C08J 3/21**

(54) • IMPROVED PROCESS FOR COMPOUNDING METAL SALTS IN ELASTOMERS
• PROCEDE PERFECTIONNE PORTANT SUR DES SELS METALLIQUES DE MELANGE, UTILES DANS DES ELASTOMERES

(71) **SARTOMER COMPANY, INC.** [US/US]; Oaklands Corporate Center, 502 Thomas Jones Way, Exton, PA 19341 (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) **NAGEL, Walter, R.**; 1410 Allen Lane, West Chester, PA 19380 (US). **COSTIN, C., Richard**; 386 North Church Street, West Chester, PA 19380 (US). **CESKA, Gary, W.**; 310 Long Ridge Lane, Exton, PA 19341 (US).

(74) **CHAILLOT, Geneviève**; Cabinet Chaillot, 16–20, avenue de l'Agent–Sarre, Boîte postale 74, F–92703 Colombes Cedex (FR).

(81) CZ HU PL; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49223** (13) A1

(21) PCT/AT98/00108

(22) **24 Apr/avr 1998 (24.04.1998)**

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(31) A 705/97 (32) **25 Apr/avr 1997 (25.04.1997)** (33) AT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08J 5/18, B29C 55/08, B29D 7/01 // C08L 1:02**

(54) • METHOD FOR PRODUCING CELLULOSE SHAPED BODIES
• PROCEDE DE PRODUCTION DE CORPS MOULES CELLULOSIQUES

(71) **LENZING AKTIENGESELLSCHAFT** [AT/AT]; Werkstrasse 2, A–4860 Lenzing (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLOSSNIKL, Christian** [AT/AT]; Oberstadtgries 5, A–4840 Vöcklabruck (AT). **AMBROSCH, Siegfried** [AT/AT]; Hatschekstrasse 12, A–4840 Vöcklabruck (AT). **FIRGO, Heinrich** [AT/AT]; Oberstadtgries 7/4, A–4840 Vöcklabruck (AT). **GSPALTL, Peter** [AT/AT]; Griesbachweg 16, A–8071 Grambach (AT).

(74) **KÖHLER–PAVLIK, Johann**; Margaretenplatz 5, A–1050 Wien (AT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49224** (13) A1

(21) PCT/AT98/00109

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) A 705/97 (32) **25 Apr/avr 1997 (25.04.1997)** (33) AT

(31) A 1797/97 (32) **23 Oct/oct 1997 (23.10.1997)** (33) AT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08J 5/18, B29C 55/08, B29D 7/01 // C08L 1:02**

(54) • METHOD FOR PRODUCING CELLULOSED FORMED PARTS
• PROCEDE DE PRODUCTION DE CORPS MOULES CELLULOSIQUES

(71) **LENZING AKTIENGESELLSCHAFT** [AT/AT]; Werkstrasse 2, A–4860 Lenzing (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHLOSSNIKL, Christian** [AT/AT]; Oberstadtgries 5, A–4840 Vöcklabruck (AT). **GSPALTI, Peter** [AT/AT]; Griesbachweg 16, A–8071 Grambach (AT). **KALLEITNER, Johann** [AT/AT]; Fischerstrasse 14, A–4861 Schörfling (AT). **RIEDL, Gerold** [AT/AT]; Steinberg 1, A–4870 Pfaffing (AT). **SCHWEIGART, Andreas** [AT/AT]; Pausingergasse 9, A–4880 St. Georgen (AT).

(74) **KÖHLER–PAVLIK, Johann**; Margaretenplatz 5, A–1050 Wien (AT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49225** (13) A1

(21) PCT/US98/05099

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/841,041 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08J 5/18, B32B 27/32, H01M 2/16**

(54) • TEMPERATURE–SENSITIVE MICROPOROUS FILM
• FEUIL MICROPOREUX SENSIBLE A LA TEMPERATURE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(72) **RADOVANOVIC, Philip, D.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **KROGSENG, Gari, P.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **WALLER, Clinton, P., Jr.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **MROZINSKI, James, S.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **KRUEGER, Dennis**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(74) **LITTLE, Douglas, B.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49226** (13) A1

(21) PCT/US98/08328

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 845,746 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08K 3/34, C08L 23/04**

(54) • POLYMERIC FILM INCLUDING MICROSPHERES

- FILM POLYMERE COMPRENANT DES MICROSPHERES

(71) **CRYOVAC, INC.** [US/US]; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUDAR, Kimberly, Ann** [US/US]; 445 Riverway Drive, Greer, SC 29651 (US).

(74) **BURLESON, David, G.** et al. / etc.; 100 Rogers Bridge Road, P.O. Box 464, Duncan, SC 29334 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49227** (13) A1

(21) PCT/JP98/01987

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/124682 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 9/02, 15/00, 23/04, 23/16, C08K 5/521, 5/14, 3/06, 3/30, 5/36**

(54) • VULCANIZABLE RUBBER COMPOSITION
• COMPOSITION DE CAOUTCHOUC VULCANISABLE

(71) **NIPPON ZEON CO., LTD.** [JP/JP]; 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARAKAWA, Takanori** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2–1, Yako 1–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–0863 (JP). **KONNO, Tsuyoshi** [JP/JP]; Nippon Zeon Co., Ltd., Research & Development Center, 2–1, Yako 1–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–0863 (JP).

(74) **UCHIDA, Yukio**; Uchida & Associates, Sunny Port Shiba 1005, 5–10, Shiba 2–chome, Minato–ku, Tokyo 105–0014 (JP).

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

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(11) **WO 98/49228** (13) A1

(21) PCT/JP98/02041

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/128096 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 9/348558 (32) **2 Dec/déc 1997 (02.12.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 21/00, 101/00, C08K 3/00, H05K 9/00, H01B 1/24 // (C08K 3/02, 3:04, 3:06, 3:22)**

(54) • ELECTROMAGNETIC WAVE SHIELDING MATERIAL, AND ELECTROMAGNETIC WAVE SHIELDING SHEET, ELECTRIC WIRE/CABLE AND CABLE COVER EACH MADE OF THE MATERIAL
• MATERIAU DE BLINDAGE CONTRE LES ONDES ELECTROMAGNETIQUES, FEUILLE POUR LEDIT BLINDAGE, FIL/CABLE ELECTRIQUE ET ENVELOPPE DE CABLE EN MATERIAU POUR CE TYPE DE BLINDAGE

(71) **TUCHIYAGOMU CO., LTD.** [JP/JP]; 2064, Uezima, Kashima–machi, Kamimashiki–gun, Kumamoto 861–3106 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KURATA, Yuhei** [JP/JP]; Tuchiyagomu Co., Ltd., 2064, Uezima, Kashima–machi, Kamimashiki–gun, Kumamoto 861–3106 (JP). **FURUSHIMA, Hidetoshi** [JP/JP]; Tuchiyagomu Co., Ltd., 2064, Uezima, Kashima–machi, Kamimashiki–gun, Kumamoto 861–3106 (JP).

(74) **HIRAI, Yasuo**; No. 7 Okabe Building, 7–B, 20–15, Hakataekimae 2–chome, Hakata–ku, Fukuoka–shi, Fukuoka 812–0011 (JP).

(81) AU CA CN CZ IL KR MX NO NZ PL RO RU SG TR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49229** (13) A1

(21) PCT/US98/08181

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/044,410 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 23/14, C08F 210/06**

(54) • AMORPHOUS PROPYLENE–POLYENE COPOLYMERS AND COMPOSITIONS THEREOF
• COPOLYMERES AMORPHES DE PROPYLENE–POLYENE ET COMPOSITIONS CONNEXES

(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) **KOOPMANS, Rudolf** [BE/BE]; Vossenstraat 59, B–9150 Kruibeke (BE). **VAN DER HEIJDEN, Lambertus, P., M.** [NL/NL]; Zaanstraat 27, NL–4535 GL Terneuzen (NL). **THOEN, Johan, A.** [BE/NL]; Dommelstraat 22, NL–4535 HB Terneuzen (NL). **ANSEMS, Patricia** [NL/US]; 2118 Riverside Drive, West Columbia, TX 77486 (US). **LINK, Bernie, A.** [US/US]; 5435 North Surgeon, Midland, MI 48642 (US).

(74) **CAVENDER, Carol, J.**; Patent Dept., B–1211, 2301 Brazosport Boulevard, Freeport, TX 77541 (US).

(81) BR CA CN ID JP KR MX RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49230** (13) A1

(21) PCT/JP98/01968

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/127968 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 9/163370 (32) **4 Jun/juin 1997 (04.06.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 27/12, 83/04, C08K 5/54, C09D 127/12, 183/04**

(54) • AQUEOUS DISPERSION COMPOSITION AND COATED ARTICLES
• COMPOSITION DE DISPERSION AQUEUSE ET ARTICLES REVETUS

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4–12, Nakazaki–nishi 2–chome, Kita–ku, Osaka–shi, Osaka 530–8323 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WADA, Susumu** [JP/JP]; (JP). **IMOTO, Katsuhiko** [JP/JP]; (JP). **HONDA, Kayoko** [JP/JP]; Daikin Industries, Ltd., Yodogawa Plant, 1–1, Nishi–Hitotsuya, Settu–shi, Osaka 566–0044 (JP).

(74) **YASUTOMI, Yasuo** et al. / etc.; Recruit Shin Osaka Building 4F, 14–22, Nishinakajima 5–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0011 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49231** (13) A1

(21) PCT/US98/08100

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/846,045 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 39/04**

(54) • COPOLYMERS OF PROPYLENE WITH POLYMERIZABLE HINDERED AMINE LIGHT STABILIZERS
• COPOLYMERES DE PROPYLENE A PHOTOSTABILISANTS A AMINES EMPECHEES ET POLYMERISABLES

(71) **ARISTECH CHEMICAL CORPORATION** [US/US]; USX Building, 11th floor, 600 Grant Street, Pittsburgh, PA 15219–2704 (US).

(72) **RUBINO, Mark, R.**; 62 Shangri–La Circle, Pittsburgh, PA 15239 (US). **MULHALL, Steve**; 915 Harvard Road, Monroeville, PA 15146 (US). **WHITBY, Edmund, P., III**; 293 Highview Circle, Wexford, PA 15090 (US). **ONISHI, Akiyoshi**; 555–4, Mie–cho, Tsu–shi, Mie 514–0000 (JP). **TERAUCHI, Mokoto**; 4–5–140, Ogoso, Yokkaichi–shi, Mie 510–0958 (JP).

(74) **KRAYER, William, L.**; 241 Merion Drive, Pittsburgh, PA 15228 (US).

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

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(11) **WO 98/49232** (13) A1

(21) PCT/JP98/01747

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) ja (26) ja

(31) 9/109906 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 67/03, 77/12, C08K 3/00 // (C08K 3/00, 3:02, 3:32)**

(54) • LIQUID–CRYSTAL RESIN COMPOSITION AND MOLDINGS
• COMPOSITION RESINEUSE A CRISTAUX LIQUIDES ET PIECES MOULEES

(71) **TORAY INDUSTRIES, INC.** [JP/JP]; 2–1, Nihonbashi Muromachi 2–chome, Chuo–ku, Tokyo 103–8666 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UMETSU, Hideyuki** [JP/JP]; C–1–6, 82, Ikegamidai 1–chome, Midori–ku, Nagoya–shi, Aichi 458–0044 (JP). **MAKABE, Yoshiki** [JP/JP]; E–3–6, 82, Ikegamidai 1–chome, Midori–ku, Nagoya–shi, Aichi 458–0044 (JP). **INOUE, Toshihide** [JP/JP]; 23–40, Tozuka Aza–Miyazakinisi, Yamato–cho, Ichinomiya–shi, Aichi 491–0927 (JP).

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

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(11) **WO 98/49233** (13) A1

(21) PCT/JP98/01902

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/108767 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 69/00, 23/00, 29/00, 33/00, 35/00, 25/04, C08K 5/17, 3/22**

(54) • POLYCARBONATE/POLYOLEFIN RESIN COMPOSITION, PROCESS FOR PRODUCINGTHE SAME, AND MOLDINGS
• COMPOSITION DE RESINE DE POLYCARBONATE/POLYOLEFINE, PROCEDE DE PRODUCTION DE CELLE–CI ET MOULES

(71) **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) **TAKEMURA, Kazuya** [JP/JP]; Kawasaki Steel Corporation, Technical Research Division, 1–Banchi, Kawasaki–cho, Chuo–ku, Chiba–shi, Chiba 260–0835 (JP). **OGAWA, Taichi** [JP/JP]; Kawasaki Steel Corporation, Chemical Division, 1–Banchi, Kawasaki–cho, Chuo–ku, Chiba–shi, Chiba 260–0835 (JP). **TAKAGI, Masato** [JP/JP]; Kawasaki Steel Corporation, Technical Research Division, 1–Banchi, Kawasaki–cho, Chuo–ku, Chiba–shi, Chiba 260–0835 (JP).

(74) **WATANABE, Mochitoshi** et al. / etc.; Hayakawa–tonakai Building 3F, 12–5, Iwamoto–cho 2–chome, Chiyoda–ku, Tokyo 101–0032 (JP).

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

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(11) **WO 98/49234** (13) A1

(21) PCT/EP98/02101

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) fr (26) fr

(31) 97/05431 (32) **25 Apr/avr 1997** (33) FR **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 77/00 // (C08L 77/00, 23:08)**

(54) • POLYAMIDE COMPOSITION FOR A METHOD FOR MAKING ARTICLES BY EXTRUSION BLOW–MOULDING AND RESULTING ARTICLES
• COMPOSITION POLYAMIDE POUR PROCEDE DE FABRICATION D'ARTICLES PAR EXTRUSION–SOUFFLAGE ET ARTICLES OBTENUS

(71) **NYLTECH ITALIA** [IT/IT]; Via 1° Maggio, 80, I–20020 Ceriano Laghetto (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ARMANNI, Corrado** [IT/IT]; Mazzucchelli, 11, I–20031 Cesano Maderno (IT).

(74) **ESSON, Jean–Pierre**; Rhodia Services, Direction de la Propriété Industrielle, Crit–Carrières, Boîte postale 62, F–69192 Saint–Fons Cedex (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49235** (13) A1

(21) PCT/JP98/01888

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/108654 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(31) 9/136411 (32) **27 May/mai 1997** (33) JP **(27.05.1997)**

(31) 9/251728 (32) **17 Sep/sep 1997** (33) JP **(17.09.1997)**

(31) 9/259593 (32) **25 Sep/sep 1997** (33) JP **(25.09.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 77/00, C08K 3/34**

(54) • POLYAMIDE RESIN COMPOSITION AND PROCESS FOR PRODUCING THE SAME
• COMPOSITION DE RESINE POLYAMIDE ET PROCEDE DE PRODUCTION DE CETTE DERNIERE

(71) **UNITIKA LTD.** [JP/JP]; 50, Higashihonmachi 1–chome, Amagasaki–shi, Hyogo 660–0824 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUJIMOTO, Koji** [JP/JP]; Unitika Ltd. Research and Development Center, 23, Uji Kozakura, Uji–shi, Kyoto 611–0021 (JP). **TAMURA, Tsuneo** [JP/JP]; Unitika Ltd. Research and Development Center, 23, Uji Kozakura, Uji–shi, Kyoto 611–0021 (JP). **KOJIMA, Kazushige** [JP/JP]; Unitika Ltd. Research and Development Center, 23, Uji Kozakura, Uji–shi, Kyoto 611–0021 (JP). **KOKURYO, Sachiko** [JP/JP]; Unitika Ltd. Research and Development Center, 23, Uji Kozakura, Uji–shi, Kyoto 611–0021 (JP). **YOSHIDA, Izumi** [JP/JP]; Unitika Ltd. Research and Development Center, 23, Uji Kozakura, Uji–shi, Kyoto 611–0021 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, 28th floor, Ark Mori Building, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6028 (JP).

(81) JP US; EP (CH DE FR GB IT).

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(11) **WO 98/49236** (13) A1

(21) PCT/JP98/00436

(22) **2 Feb/fév 1998 (02.02.1998)**

(25) ja (26) ja

(31) 9/122973 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 83/10, 77/00, 31/04, 33/00, 63/00, 67/06, 1/08, B41M 5/26**

(54) • NOVEL COMPOSITION, ANTISTICKING AGENTS, AND THERMAL TRANSFER RECORDING FILMS
• NOUVELLE COMPOSITION, AGENTS ANTI–COLLANTS, ET FILMS ENREGISTREURS POUR TRANSFERT THERMIQUE

(71) **NATOCO PAINT CO., LTD.** [JP/JP]; 8–3, Hutano–cho, Mizuho–ku, Nagoya–shi, Aichi 467–0861 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOKOYAMA, Norio** [JP/JP]; Natoco Paint Co., Ltd. Research Laboratory, 8–3, Hutano–cho, Mizuho–ku, Nagoya–shi, Aichi 467–0861 (JP). **HATA, Hironori** [JP/JP]; Natoco Paint Co., Ltd. Research Laboratory, 8–3, Hutano–cho, Mizuho–ku, Nagoya–shi, Aichi 467–0861 (JP).

(74) **USAMI, Tadao**; No 102, 32, Tsukimigaoka, Yatomi–cho, Mizuho–ku, Nagoya–shi, Aichi 467–0035 (JP).

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

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(11) **WO 98/49237** (13) A1

(21) PCT/CA98/00387

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 2,203,746 (32) **25 Apr/avr 1997** (33) CA **(25.04.1997)**

(31) 2,217,437 (32) **30 Sep/sep 1997** (33) CA **(30.09.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 89/00, C08J 5/18**

(54) • BIODEGRADABLE FILMS CONTAINING CASEINATE AND THEIR METHOD OF MANUFACTURE BY IRRADIATION
• FILMS BIODEGRADABLES CONTENANT DU CASEINATE ET LEUR PROCEDE DE PRODUCTION PAR IRRADIATION

(71, 72) **BRAULT, Denis** [CA/CA]; 2716, rue Plamondon, Longueuil, Québec J4L 1R9 (CA). **LACROIX, Monique** [CA/CA]; 340, rue Green, Saint–Lambert, Québec J4P 1T4 (CA). **RESSOUANY, Mohamed** [CA/CA]; 531, boulevard des Prairies, Laval, Québec H7N 4Z3 (CA).

(74) **MBM & CO.**; P.O. Box 809, Station B, Ottawa, Ontario K1P 5P9 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49238** (13) A1

(21) PCT/EP98/02380

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 17 878.2 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C08L 101/00, 67/02, C08K 3/08, C09C 1/64, C08J 11/06, B29B 17/00, B09B 3/00 // (C08L 101/00, 69:00) (C08L 67/02, 69:00, 51:04)**

(54) • USE OF RECYCLED CD MATERIAL AS AN ADDITIVE FOR GLITTER DYES

- UTILISATION DE PRODUITS RECYCLES DE CD COMME MATERIAU POUR IMPRESSION PAR COLORATION A PAILLETTES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D–67056 Ludwigshafen (DE). **GENERAL ELECTRIC COMPANY** [US/US]; Schenectady, NY 12301 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZELTNER, Doris** [DE/DE]; Viehtriftstrasse 94, D–67354 Römerberg (DE). **FRITSCHE, Thomas** [DE/DE]; Horst–Schork–Strasse 114, D–67069 Ludwigshafen (DE). **BERGMANN, Leander** [DE/DE]; In den Mühlgärten 50, D–63755 Alzenau (DE).

(74) **ISENBRUCK, Günter**; Bardehle, Theodor–Heuss–Anlage 12, D–68165 Mannheim (DE).

(81) BR CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49239** (13) A1

(21) PCT/GB98/01014

(22) **6 Apr/avr 1998 (06.04.1998)**

(25) en (26) en

(31) 9708532.8 (32) **26 Apr/avr 1997** (33) GB **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09B 47/26, C09D 11/00**

(54) • PHTHALOCYANINE INK–JET DYES
• COLORANTS A BASE DE PHTALOCYANINE POUR ENCRES D'IMPRIMANTES A JET D'ENCRE

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARR, Kathryn** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB).

(74) **KIRK, Martin, John**; Zeneca Specialties, Intellectual Property Group, Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49240** (13) A1

(21) PCT/GB98/01015

(22) **6 Apr/avr 1998 (06.04.1998)**

(25) en (26) en

(31) 9708533.6 (32) **26 Apr/avr 1997** (33) GB **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09B 47/26, C09D 11/00**

(54) • PHTHALOCYANINE INK–JET DYES
• COLORANTS A BASE DE PHTALOCYANINE POUR ENCRES D'IMPRIMANTES A JET D'ENCRE

(71) **ZENECA LIMITED** [GB/GB]; 15 Stanhope Gate, London W1Y 6LN (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CARR, Kathryn** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB).

(74) **KIRK, Martin, John**; Zeneca Specialties, Intellectual Property Group, P.O. Box 42, Hexagon House, Blackley, Manchester M9 8ZS (GB) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49241** (13) A1

(21) PCT/JP98/00567

(22) **12 Feb/fév 1998 (12.02.1998)**

(25) ja (26) ja

(31) 9/112626 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(31) 9/112905 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(31) 9/144225 (32) **2 Jun/juin 1997** (33) JP **(02.06.1997)**

(31) 9/146796 (32) **4 Jun/juin 1997** (33) JP **(04.06.1997)**

(31) 9/206901 (32) **31 Jul/juil 1997** (33) JP **(31.07.1997)**

(31) 9/224082 (32) **20 Aug/août 1997** (33) JP **(20.08.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09C 1/56, C08L 21/00, C08K 9/02, C08L 9/00**

(54) • PROCESS FOR PRODUCING MODIFIED CARBON BLACK FOR REINFORCING RUBBER AND PROCESS FOR PRODUCING RUBBER COMPOSITION CONTAINING MODIFIED CARBON BLACK
• PROCEDE POUR PRODUIRE DU NOIR DE CARBONE MODIFIE ET DESTINE A RENFORCER DU CAOUTCHOUC, ET PROCEDE POUR PRODUIRE UNE COMPOSITION DE CAOUTCHOUC CONTENANT CE NOIR DE CARBONE MODIFIE

(71) **THE YOKOHAMA RUBBER CO., LTD.** [JP/JP]; 36–11, Shimbashi 5–chome, Minato–ku, Tokyo 105–8685 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWAZOE, Masayuki** [JP/JP]; The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2–1, Oiwake, Hiratsuka–shi, Kanagawa 254–8601 (JP). **KAWAZURA, Tetsuji** [JP/JP]; The Yokohama Rubber Co., Ltd. Hiratsuka Factory, 2–1, Oiwake, Hiratsuka–shi, Kanagawa 254–8601 (JP).

(74) **ISHIDA, Takashi** et al. / etc.; A. Aoki & Associates, Toranomon 37 Mori Building, 5–1, Toranomon 3–chome, Minato–ku, Tokyo 105–8423 (JP).

(81) KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49242** (13) A1

(21) PCT/EP98/02329

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 17 682.8 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09D 5/00, C08K 3/04**

(54) • COATING MATERIAL FOR RADIATION SURFACES TO PRODUCE ELECTROMAGNETIC WAVES AND A METHOD FOR MANUFACTURING SAID MATERIAL
• MATERIAU DE REVETEMENT POUR SURFACES DE RAYONNEMENT S'UTILISANT POUR PRODUIRE DES ONDES ELECTROMAGNETIQUES ET PROCEDE PERMETTANT DE LE PRODUIRE

(71) **BROERS, Dieter** [DE/DE]; Sredzkistrasse 47, D–10435 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **REICHELT, Helmut** [DE/DE]; Altenzellerstrasse 13A, D–01069 Dresden (DE).

(74) **NEUBAUER, Hans–Jürgen**; Fauststrasse 30, D–85051 Ingolstadt (DE) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49243** (13) A1

(21) PCT/EP98/02430

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 879.0 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09D 5/36, C09C 3/10, C08J 3/02**

(54) • EFFECT MULTIPHASE ORGANIC COLOURING AGENT, AND PRODUCTION OF SAME
• COLORANT ORGANIQUE MULTIPHASE A EFFET, ET MODE DE FABRICATION

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

(72, 75) **RUPANER, Robert** [DE/DE]; Portugieserring 59, D–67158 Ellerstadt (DE). **LEYRER, Reinhold, J.** [DE/DE]; Menzelstrasse 4, D–67061 Ludwigshafen (DE). **SCHUHMACHER, Peter** [DE/DE]; Waldparkdamm 6, D–68163 Mannheim (DE). **SIEMENSMEYER, Karl** [DE/DE]; Erich–Heckel–Strasse 1, D–67227 Frankenthal (DE). **EILINGSFELD, Heinrich, Johann** [DE/DE]; Pierstrasse 9a, D–67227 Frankenthal (DE).

(74) **ISENBRUCK, Günter** et al. / etc.; Bardehle et al, Theodor–Heuss–Anlage 12, D–68165 Mannheim (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49244** (13) A1

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(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 19 037.5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09D 7/00**

(54) • AQUEOUS COATING AGENT
• ENDUIT AQUEUX

(71) **BASF COATINGS AG** [DE/DE]; Glasuritstrasse 1, D–48165 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜRSTINGHAUS, Rainer** [DE/DE]; Nachtigallengrund 5, D–48291 Telgte (DE). **BENDIX, Maximilian** [DE/DE]; Von–Steinfurt–Strasse 20, D–59302 Oelde (DE). **RINK, Heinz–Peter** [DE/DE]; Lohöfener Weg 44, D–48153 Münster (DE).

(74) **FITZNER, Uwe**; Kaiserswerther Strasse 74, D–40878 Ratingen (DE).

(81) BR CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49245** (13) A1

(21) PCT/CA98/00407

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,364 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 60/046,333 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09D 151/06, 123/04**

(54) • MOISTURE RESISTANT COATED METAL SUBSTRATES
• SUBSTRATS METALLIQUES ENROBES ET RESISTANT A L'HUMIDITE

(71) **DUPONT CANADA INC.** [CA/CA]; 7070 Mississauga Road, Mississauga, Ontario L5N 5M8 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WONG, Chun, Sing** [CA/CA]; 745 Holgate Crescent, Kingston, Ontario K7M 5A7 (CA).

(74) **VAN ZANT, Joan, M.**; Van Zant & Associates, Suite 1407, 77 Bloor Street West, Toronto, Ontario M5S 1M2 (CA).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49246** (13) A1

(21) PCT/US98/07783

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/846,521 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09D 167/00, 133/06**

(54) • COLOR–PLUS–CLEAR COMPOSITE COATING COMPOSITIONS CONTAINING ALKYLOLATED OR ETHERIFIED CARBAMATE FUNCTIONAL POLYMERS
• COMPOSITIONS DE REVETEMENT COMPOSITES A BASE COULEUR ET TRANSPARENTES CONTENANT DES POLYMERES FONCTIONNELS DE CARBAMATE ALKYLOLES OU ETHERIFIES

(71) **PPG INDUSTRIES, INC.** [US/US]; One PPG Place, Pittsburgh, PA 15272 (US).

(72) **BARANCYK, Steven, V.**; 385 Wagon Wheel Trail, Wexford, PA 15090 (US). **HUMBERT, Leigh–Ann**; 3550 Huntetown Road, Allison Park, PA 15101 (US).

(74) **UHL, William, J.**; PPG Industries, Inc., One PPG Place, Pittsburgh, PA 15272 (US) et al. / etc.

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49247** (13) A1

(21) PCT/US98/07802

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 845,588 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09J 4/00, C08K 5/19, 5/50**

(54) • ADHESIVE FOR BONDING ELASTOMERS TO METALS
• ADHESIF POUR COLLER DES ELASTOMERES SUR DES METAUX

(71) **FEDERAL–MOGUL CORPORATION** [US/US]; 26555 Northwestern Highway, Southfield, MI 48034 (US).

(72) **SMITH, Kerry, C.**; 4121 Spring Lake Boulevard, Ann Arbor, MI 48108 (US). **TRIPATHY, Bhawani, G.**; 3620 Pheasant Run #1, Ann Arbor, MI 48108 (US).

(74) **SHACKELFORD, Jon, E.**; 26555 Northwestern Highway, Southfield, MI 48034 (US).

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

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(11) **WO 98/49248** (13) A1

(21) PCT/US97/07045

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09J 7/00**

(54) • B–STAGED RESIN IMPREGNATED FIBER MAT PLYWOOD GLUE
• MAT FIBREUX IMPREGNE DE RESINE A L'ETAT B ET SERVANT DE COLLE POUR CONTREPLACAGE

(71) **GEORGIA PACIFIC RESINS, INC.** [US/US]; 133 Peachtree Street, N.E., P.O. Box 105605, Atlanta, GA 30348–5605 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMSON, Bobby, L.** [US/US]; Apartment 14, 2209 Briarcliff Road, N.E., Atlanta, GA 30329 (US). **HODGE, Carisa, I.** [US/US]; 2162 Heritage Heights, Decatur, GA 30033 (US). **BRYER, Robert, A.** [US/US]; 2840 Livesy Trail, Tucker, GA 30084 (US). **DAVIS, William, Cos** [US/US]; Suite 489, 3232 Cobb Parkway, Atlanta, GA 30339 (US).

(74) **SKERPON, Joseph, M.** et al. / etc.; Banner & Witcoff, Ltd., 11th floor, 1001 G Street, N.W., Washington, DC 20001 (US).

(81) CA US.

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(11) **WO 98/49249** (13) A1

(21) PCT/US98/07770

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/848,321 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09J 123/20**

(54) • HOT MELT ADHESIVE WITH HIGH PEEL AND SHEAR STRENGTHS FOR NONWOVEN APPLICATIONS
• ADHESIF THERMOFUSIBLE AVEC RESISTANCES ELEVEES AU PELAGE ET AU CISAILLEMENT POUR APPLICATION SUR DES ARTICLES NON TISSES

(71) **ATO FINDLEY, INC.** [US/US]; 11320 Watertown Plank Road, Waueatosa, WI 53226 (US).

(72) **FRALICH, Margaret, M.**; 3129 North Shepard Avenue, Milwaukee, WI 53211 (US). **ALPER, Mark**; 949 Bay View Circle, Mukwonago, WI 53149 (US).

(74) **WOZNY, Thomas, M.** et al. / etc.; Andrus, Sceales, Starke & Sawall, LLP, Suite 1100, 100 East Wisconsin Avenue, Milwaukee, WI 53202 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49250** (13) A1

(21) PCT/GB98/01218

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708575.7 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09K 5/00, F01P 11/06**

(54) • A COMPOSITION AND METHOD FOR REDUCING NOISE AND/OR FOULING IN A LIQUID COOLING SYSTEM
• COMPOSITION ET PROCEDE DE REDUCTION DE BRUIT ET/OU D'ENCRASSEMENT DANS UN SYSTEME DE REFROIDISSEMENT A LIQUIDE

(71, 72) **ISHERWOOD, Adam** [GB/GB]; 61 Bromsgrove Road, Redditch, Worcs B97 4RH (GB).

(74) **FORRESTER KETLEY & CO.**; Chamberlain House, Paradise Place, Birmingham B3 3HP (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49251** (13) A1

(21) PCT/EP98/02360

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 97201234.8 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09K 11/00, C07F 5/00, G01N 33/00 // C07C 235/18**

(54) • MULTIPLE RARE–EARTH METAL COMPLEXES
• COMPLEXES MULTIPLES DU GROUPE DES TERRES RARES

(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) **OUDE WOLBERS, Manon, Pascale** [NL/NL]; Stockholmstraat 91, NL–7559 JA Hengelo (NL). **VAN VEGGEL, Franciscus, Cornelis, Jacobus, Maria** [NL/NL]; Staringstraat 2, NL–7552 GD Hengelo (NL). **REINHOUDT, David, Nicolaas** [NL/NL]; De Voskamp 7, NL–7552 GD Hengelo (NL). **HOFSTRAAT, Johannes, Willem** [NL/NL]; Marjoleinveld 4, NL–7006 VG Doetinchem (NL).

(74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept APTA), P.O. Box 9300, NL–6800 SB Arnhem (NL).

(81) CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49252** (13) A1

(21) PCT/CA98/00374

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 60/045,104 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09K 17/22, 17/48, A01G 31/00**

(54) • POLYACRYLATE GEL FOR HORTICULTURAL USE
• GEL DE POLYACRYLATE DESTINE A ETRE UTILISE DANS L'HORTICULTURE

(71) **ENVIROLUTIONS INC.** [CA/CA]; 26 Burford Road, Hamilton, Ontario L8E 3C7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMS, Kenneth, Roger** [US/US]; P.O. Box 159, Landenberg, PA 19350 (US). **CONWAY, Marlene, Elizabeth** [CA/CA]; 421 Elizabeth Street, Grimsby, Ontario L5M 3K9 (CA).

(74) **GALLOWAY, Warren, J.**; Sim & McBurney, 6th floor, 330 University Avenue, Toronto, Ontario M5G 1R7 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49253** (13) A1

(21) PCT/IB98/00395

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 97201301.5 (32) **29 Apr/avr 1997 (29.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C09K 19/38, 9/20, 9/46, G02F 1/13**

(54) • METHOD OF PREPARING A CROSS–LINKED MACROSCOPICALLY ORIENTED POLYMER
• PROCEDE DE PREPARATION D'UN POLYMERE RETICULE A ORIENTATION MACROSCOPIQUE

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **HIKMET, Rifat, Ata, Mustafa**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **LUB, Johan**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/49254** (13) A1

(21) PCT/GB98/01082

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9708628.4 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C10M 101/02, 107/02, 169/04 // (C10M 169/04, 101:02, 107:02, 133:54), C10N 40/26**

(54) • A TWO–STROKE MOTORCYCLE LUBRICANT
• LUBRIFIANT POUR MOTOCYCLE A DEUX TEMPS

(71) **CASTROL LIMITED** [GB/GB]; Burmah Castrol House, Pipers Way, Swindon, Wiltshire SN3 1RE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANAKA, Yas** [JP/GB]; Gables Cottage, Lower Basildon, Reading RG8 9NR (GB). **FRITZ–JOHNSON, Paul** [GB/GB]; 14 The Mint, High Street, Wallingford, Oxfordshire OX10 0XB (GB). **SILVER, Howard** [GB/GB]; 32 Blakes Field, Didcot, Oxfordshire OX11 7BD (GB). **ATKINSON, David, James** [GB/GB]; 22 Talfourd Avenue, Earley, Reading RG6 7BP (GB).

(74) **LEWIS, Pauline, Therese**; Burmah Castrol Trading Limited, Burmah Castrol House, Group Patents Dept., Pipers Way, Swindon, Wiltshire SN3 1RE (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49255** (13) A1

(21) PCT/US98/07497

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 60/043,944 (32) **16 Apr/avr 1997 (16.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C10M 107/50, 123/04, 113/12, 113/00**

(54) • SILICON GREASES AND METHODS FOR THEIR PRODUCTION
• GRAISSES DE SILICONE ET LEURS PROCEDES DE PRODUCTION

(71) **THE UNIVERSITY OF CONNECTICUT** [US/US]; 438 Whitney Road, Ext. U–133, Storrs, CT 06269–1133 (US).

(72) **LOSTRITTO, Richard, T., Jr.**; 9100 Bannister Lane, Gaithersburg, MD 20879–1844 (US). **GROEGER, Joseph, H.**; 404 Woodland Road, Storrs, CT 06268 (US).

(74) **TURK, Arnold**; Greenblum & Bernstein, P.L.C., 1941 Roland Clarke Place, Reston, VA 20191 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49256** (13) A1

(21) PCT/PL98/00021

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) P.319735 (32) **29 Apr/avr 1997 (29.04.1997)** (33) PL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C11B 5/00**

(54) • NATURAL ANTIOXIDANT
• ANTIOXYDANT NATUREL

(71) **LAMER–ZARAWSKA, Eliza** [PL/PL]; ul. Canaletta 26 m 9, PL–51–650 Wrocław (PL). **OSZMIANSKI, Jan** [PL/PL]; Pl. Grunwaldzki 17 m 40, PL–50–378 Wrocław (PL). **STAWIANY, Paweł** [PL/PL]; ul. Rzadowa 77, PL–95–004 Kurowice (PL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **GWARDYS, Paweł** [PL/PL]; ul. Słoneczna 2, PL–97–121 Justynów (PL). **OSZMIANSKA, Maria** [PL/PL]; Pl. Grunwaldzki 17 m 40, PL–50–378 Wrocław (PL). **ZARAWSKA, Hanna** [PL/PL]; ul. Canaletta 26 m 9, PL–51–650 Wrocław (PL). **NIEDWOROK, Jan** [PL/PL]; ul. Kusocinskiego 4 m 56, PL–94–004 Łódz (PL). **KOWALSKA–GWARDYS, Alina** [PL/PL]; ul. Słoneczna 2, PL–97–121 Justynów (PL). **GWARDYS, Antoni** [PL/PL]; ul. Kraszewskiego 40 m 1, PL–93–161 Łódz (PL). **KRZEMINSKA–STAWIANY, Marzena** [PL/PL]; ul. Rzadowa 77, PL–95–004 Kurowice (PL). **DOMINSKI, Bolesław** [PL/PL]; ul. Górna 106 B, PL–95–006 Bukowiec (PL).

(74) **DZIUBINSKA, Jolanta**; al. Kardynala Stefana Wyszynskiego 58 m. 25, PL–94–047 Łodz (PL).

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

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(11) **WO 98/49257** (13) A1

(21) PCT/IB98/00644

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 97870057.3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) BE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C11D 1/02, 1/94, 3/20**

(54) • ACIDIC LIMESCALE REMOVAL COMPOSITIONS
• COMPOSITIONS ACIDES ELIMINANT LE TARTRE

(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) **PACE, Luigi** [IT/IT]; Via degli Aranci, 99, I–80067 Sorrento (IT). **CASELLI, Alberto** [IT/IT]; Via A. Manzoni, 1/B, I–05100 Terni (IT). **BIANCHETTI, Giulia, Ottavia** [IT/IT]; Via Caterina Troiani, 250, I–00144 Rome (IT).

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

(81) CA JP MX US.

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(11) **WO 98/49258** (13) A1

(21) PCT/IB98/00643

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 97870058.1 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) BE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C11D 1/62, 1/75, 1/88, 1/94, 3/20**

(54) • ACIDIC LIMESCALE REMOVAL COMPOSITIONS
• COMPOSITIONS ACIDES D'ELIMINATION DU TARTRE

(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) **PACE, Luigi** [IT/IT]; Via Degli Aranci, 99, I–80067 Sorrento (IT). **CESARONE, Germano** [IT/IT]; Via E. Caruso, 6, I–65025 Manoppello Scalo (IT). **BIANCHETTI, Giulia, Ottavia** [IT/IT]; Via Caterina Troiani, 250, I–00144 Rome (IT).

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

(81) CA JP MX US.

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(11) **WO 98/49259** (13) A1

(21) PCT/EP98/02271

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 97302965.5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) GB et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C11D 3/00, 3/42, 3/34, 3/37**

(54) • A DETERGENT COMPOSITION
• COMPOSITION DETERGENTE

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL–3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(72) **DIXON, Sarah**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB). **FINCH, Timothy, David**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB). **WARR, Jonathan, Frank**; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).

(74) **FRANSELLA, Mary, Evelyn**; Unilever plc, Patent Division, Colworth House, Sharnbrook, Bedford MK44 1LQ (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **24 Apr/avr 1998 (24.04.1998)**

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(31) 97870055.7 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) BE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C11D 3/22, 7/26**

(54) • USE OF POLYSACCHARIDE POLYMER IN A LIQUID ACIDIC COMPOSITION
• UTILISATION D'UN POLYMERE DE POLYSACCHARIDE DANS UNE COMPOSITION ACIDE LIQUIDE

(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) **PACE, Luigi** [IT/IT]; Via degli Aranci, 99, I–80067 Sorrento (IT). **RUSSO, Elisabetta** [IT/IT]; Via Valentino Mazzola, 38, I–00142 Rome (IT).

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

(81) CA JP MX US.

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(11) **WO 98/49261** (13) A1

(21) PCT/EP98/02276

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 9708500.5 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C11D 3/30, 3/43, 3/10, 3/12, 3/14, 1/83**

(54) • ABRASIVE CLEANING COMPOSITION
• COMPOSITION NETTOYANTE ABRASIVE

(71) **UNILEVER PLC** [GB/GB]; Unilever House, Blackfriars, London EC4P 4BQ (GB).
(only for / seulement pour AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG ZW)

(71) **UNILEVER N.V.** [NL/NL]; Weena 455, NL–3013 AL Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf AU BB CA CY GB GH GM IE IL KE LC LK LS MN MW NZ SD SG SL SZ TT UG US ZW)

(72, 75) **ALLAN, Alexander** [GB/GB]; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB).

(74) **DEKKER, Enno, Ernst, Jan**; Unilever plc, Patent Dept., Colworth House, Sharnbrook, Bedford MK44 1LQ (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49262** (13) A1

(21) PCT/EP98/02323

(22) **20 Apr/avr 1998 (20.04.1998)**

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(31) 197 18 065.5 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C11D 7/26, 3/16, C08G 85/00**

(54) • CLEANING AGENTS FOR POSTRETICULATING POLYURETHANE HOT MELTS
• NETTOYANT POUR ADHESIFS FUSIBLES EN POLYURETHANE A POST–RETICULATION

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

(72, 75) **LOHR, Christoph** [DE/DE]; Liboristrasse 45, D–44143 Dortmund (DE). **KREBS, Michael** [DE/DE]; Bogenstrasse 1, D–40724 Hilden (DE).

(81) AU BR PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49263** (13) A1

(21) PCT/IB98/00641

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 97870056.5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) BE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C11D 7/26, 7/32, 7/34**

(54) • ACIDIC LIMESCALE REMOVAL COMPOSITIONS
• COMPOSITIONS ACIDES D'ELIMINATION DU TARTRE

(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) **PACE, Luigi** [IT/IT]; Via Degli Aranci, 99, I–80067 Sorrento (IT). **RUSSO, Elisabetta** [IT/IT]; Via Valentino Mazzola, 38, I–00142 Rome (IT). **BIANCHETTI, Giulia, Ottavia** [IT/IT]; Via Caterina Troiani, 250, I–00144 Rome (IT).

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

(81) CA JP MX US.

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(11) **WO 98/49264** (13) A1

(21) PCT/FI98/00370

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 971838 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12C 11/09, C12H 1/00**

(54) • METHOD FOR THE MATURATION OF BEER
• PROCEDE DE MATURATION DE LA BIERE

(71) **OY PANIMOLABORATORIO – BRYGGERILABORATORIUM AB** [FI/FI]; P.O. Box 16, FIN–02151 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LINKO, Matti** [FI/FI]; Uudenkirkontie 8 A, FIN–02130 Espoo (FI). **VIRKAJÄRVI, Ilkka** [FI/FI]; Aarnivalkeantie 5 B, FIN–02100 Espoo (FI). **KRONLÖF, Jukka** [FI/FI]; Kissalantie 5, FIN–15880 Hollola (FI). **PAJUNEN, Esko** [FI/FI]; Topeliuksenkatu 10 B, FIN–00250 Helsinki (FI).

(74) **PAPULA REIN LAHTELA OY**; Fredrikinkatu 61 A, P.O. Box 981, FIN–00101 Helsinki (FI).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49265** (13) A1

(21) PCT/US98/08178

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/846,012 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 1/00, 5/10, 15/11, 15/63, C12Q 1/02, 1/68**

(54) • REGULATORS OF UCP2 GENE EXPRESSION
• REGULATEURS DE L'EXPRESSION GENIQUE DE LA PROTEINE UCP2

(71) **TULARIK INC.** [US/US]; Two Corporate Drive, South San Francisco, CA 94080 (US).

(72) **AMARAL, M., Catherine**; Tularik Inc., Two Corporate Drive, South San Francisco, CA 94080 (US). **CHEN, Jin–Long**; Tularik Inc., Two Corporate Drive, South San Francisco, CA 94080 (US).

(74) **OSMAN, Richard, Aron**; Science & Technology Law Group, 75 Denise Drive, Hillsborough, CA 94080 (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 GW 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 SL TJ TM TR TT UA UG UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49266** (13) A1

(21) PCT/US98/08660

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,996 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 1/00, 1/20, 1/21**

(54) • HIGHLY TRANSFORMABLE BACTERIAL CELLS AND METHODS FOR PRODUCING THE SAME
• CELLULES BACTERIENNES HAUTEMENT TRANSFORMABLES ET PROCEDE DE PRODUCTION DE CES DERNIERES

(71) **STRATAGENE** [US/US]; 11011 North Torrey Pines Road, La Jolla, CA 92037 (US).

(72) **GREENER, Alan, Lewis**; 3892 Creststone Place, San Diego, CA 92130 (US). **JERPSETH, Bruce, Douglas**; 7678 Pipit Place, San Diego, CA 92129 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

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

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(11) **WO 98/49267** (13) A1

(21) PCT/US98/08512

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,220 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 60/050,441 (32) **27 Jun/juin 1997 (27.06.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 5/00**

(54) • RECOVERY OF PRODUCTS FROM PLANT ROOTS
• RECUPERATION DE PRODUITS DANS DES RACINES DE PLANTES

(71) **RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY** [US/US]; Asb Annex II, Bevier Road, Piscataway, NJ 08855 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RASKIN, Ilya** [US/US]; 48 Alexandria Drive, Manalapan, NJ 08855 (US).

(74) **OLSTEIN, Elliot, M.** et al. / etc.; Carella, Byrne, Bain, Gilfillan, Cecchi, Stewart & Olstein, 6 Becker Farm Road, Roseland, NJ 07068 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/097,163 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 5/00, 5/08, 5/22, 15/00, 15/63, 15/85, A01N 63/00**

(54) • NATURAL KILLER CELL LINES AND METHODS OF USE
• LIGNEES DE CELLULES TUEUSES NATURELLES ET PROCEDES D'UTILISATION

(71, 72) **KLINGEMANN, Hans** [CA/US]; 325 Fairview, Winnetka, IL 60093 (US).

(74) **SAMPLES, Kenneth, H./KHS** et al. / etc.; Fitch, Even, Tabin & Flannery, Room 900, 135 S. LaSalle, Chicago, IL 60603 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49269** (13) A1

(21) PCT/US98/08877

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,264 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 5/00, 15/00, A61K 49/00**

(54) • GENETICALLY ENGINEERED ANIMALS CONTAINING NULL MUTATIONS IN THE NEUROFILAMENT GENES
• ANIMAUX OBTENUS PAR GENIE GENETIQUE COMPORTANT DES GENES DE NEUROFILAMENTS EXEMPTS DE MUTATIONS

(71) **MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK** [US/US]; One Gustave L. Levy Place, New York, NY 10029–6574 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAZZARINI, Robert, A.** [US/US]; Apartment 6 B, 1200 Fifth Avenue, New York, NY 10029 (US). **ELDER, Gregory** [US/US]; 182 E. 95th Street No. 175, New York, NY 10128 (US).

(74) **CLARK, Richard, S.** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112–0228 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49270** (13) A1

(21) PCT/US98/08266

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/044,890 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 5/08, A61K 35/14**

(54) • CYTOLYTIC T–CELL CLONES AGAINST COLORECTAL CARCINOMA AND METHODS OF USE THEREOF
• CLONES DE CELLULE THYMO–DEPENDANTE CYTOLYTIQUE UTILISES CONTRE LE CARCINOME COLO–RECTAL ET METHODES D'APPLICATION

(63) US 60/044,890 (CIP)
25 Apr/avr 1997 (25.04.1997)

(71) **THE WISTAR INSTITUTE OF ANATOMY AND BIOLOGY** [US/US]; 3601 Spruce Street, Philadelphia, PA 19104–4268 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HERLYN, Dorothee** [US/US]; 1223 Knox Road, Wynnewood, PA 19096 (US).

(74) **BAK, Mary, E.** et al. / etc.; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49271** (13) A1

(21) PCT/US98/07224

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) en (26) en

(31) 60/044,924 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 5/10, G01N 33/50**

(54) • HUMAN NEURONAL CELL LINE
• LIGNEE DE NEURONES HUMAINS

(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) **COCKETT, Marke**; 1525 Judith Place, Yardley, PA 19067 (US). **WOOD, Andrew**; 2051 Leedoms Drive, Newtown, PA 18940 (US). **FENNELL, Myles**; 36 East Countryside Drive, Princeton, NJ 08540 (US).

(74) **WALSH, Andrea, C.**; American Home Products Corporation, Patent Law Dept. – 2B, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49272** (13) A2

(21) PCT/EP98/02451

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708641.7 (32) **29 Apr/avr 1997** (33) GB **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 9/00**

(54) • ENZYME CONCENTRATE
• CONCENTRE ENZYMATIQUE

(71) **KNOLL AKTIENGESELLSCHAFT** [DE/DE]; Knollstrasse, D–67061 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUTHRIE, Walter, Graham** [GB/GB]; Ruddington Fields Business Park, Mere Way, Ruddington, Nottingham NG11 6JS (GB). **ROPER, David, Vincent** [GB/GB]; Ruddington Fields Business Park, Mere Way, Ruddington, Nottingham NG11 6JS (GB).

(74) **MILLER, Thomas, Kerr** et al. / etc.; BASF Aktiengesellschaft, D–67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49273** (13) A1

(21) PCT/JP97/03879

(22) **24 Oct/oct 1997 (24.10.1997)**

(25) ja (26) ja

(31) 9/111124 (32) **28 Apr/avr 1997** (33) JP **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 9/10, 15/54, A01H 5/00 // C12N 5/10, 1/21, (C12N 9/10, C12R 1:91) (C12N 5/10, C12R 1:91) (C12N 1/21, C12R 1:01)**

(54) • RAFFINOSE SYNTHETASE GENE, PROCESS FOR PRODUCING RAFFINOSE, AND TRANSFORMED PLANT
• GENE DE RAFFINOSE SYNTHETASE, PROCEDE DE PRODUCTION DE RAFFINOSE, ET PLANTE TRANSFORMEE

(63) US 846,234 (CIP)
28 Apr/avr 1997 (28.04.1997)

(71) **AJINOMOTO CO., INC.** [JP/JP]; 15–1, Kyobashi 1–chome, Chuo–ku, Tokyo 104 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OSUMI, Chieko** [JP/JP]; Ajinomoto Co., Inc., Central Research Laboratories, 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa 210 (JP). **NOZAKI, Jinshi** [JP/JP]; Ajinomoto Co., Inc., Central Research Laboratories, 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa 210 (JP). **KIDA, Takao** [JP/JP]; Ajinomoto Co., Inc., Central Research Laboratories, 1–1, Suzuki–cho, Kawasaki–ku, Kawasaki–shi, Kanagawa 210 (JP).

(74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama Building, 6th floor, 4–10, Higashi Nihonbashi 3–chome, Chuo–ku, Tokyo 103 (JP).

(81) AU BR CA CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49274** (13) A1

(21) PCT/FR97/00761

(22) **29 Apr/avr 1997 (29.04.1997)**

(25) fr (26) fr

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 9/12 // 15/54**

(54) • THERMOSTABLE DNA POLYMERASE AND INTEINS OF THE THERMOCOCCUS FUMICOLANS SPECIES
• ADN POLYMERASE THERMOSTABLE ET INTEINES DE L'ESPECE THERMOCOCCUS FUMICOLANS

(71) **APPLIGENE–ONCOR** [FR/FR]; Parc d'Innovation, Rue Geiler de Kaysersberg, Boîte postale 72, F–67402 Illkirch (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QUERELLOU, Joël** [FR/FR]; L'Arc'Hantel, F–29280 Brest (FR). **CAMBON, Marie–Anne** [FR/FR]; 8, allée de Stelle, F–29280 Plouzane (FR).

(74) **BREESE–MAJEROWICZ**; 3, avenue de l'Opéra, F–75001 Paris (FR).

(81) CA JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49275** (13) A2

(21) PCT/FR98/00868

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) PCT/FR97/00761 (32) **29 Apr/avr 1997** (33) WO **(29.04.1997)**

(34) FR et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 9/12 // 15/54**

(54) • ARCHAEBACTERIUM INTEIN OF THE *THERMOCOCCUS FUMICOLANS* SPECIES
• INTEINE D'ARCHAEBACTERIE DE L'ESPECE *THERMOCOCCUS FUMICOLANS*

(71) **APPLIGENE–ONCOR (S.A.)** [FR/FR]; Parc d'Innovation, Boîte postale 72, F–67402 Illkirch Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MASSON, Jean–Michel** [FR/FR]; 48, chemin de Flou de Rious, F–31400 Toulouse (FR). **SAVES, Isabelle** [FR/FR]; 33, rue Bougainville, F–31400 Toulouse (FR). **OZANNE, Valérie** [FR/FR]; 31, rue Louis Eydoux, F–31400 Toulouse (FR). **QUERELLOU, Joël** [FR/FR]; L'Arc Hantel, F–29280 Brest (FR). **DIETRICH, Jacques** [FR/FR]; 61, rue de Rossermeur, F–29470 Plougastel–Daoulas (FR).

(74) **BREESE–MAJEROWICZ**; 3, avenue de l'Opéra, F–75001 Paris (FR).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49276** (13) A1

(21) PCT/JP98/01246

(22) **23 Mar/mar 1998 (23.03.1998)**

(25) ja (26) ja

(31) 9/124798 (32) **28 Apr/avr 1997** (33) JP **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 9/12, 15/54, C12P 21/02, C12N 15/12, C07K 14/435, 16/18, C12N 1/21 // (C12N 15/54, C12R 1:91)**

(54) • SERINE/THREONINE PROTEIN KINASE
• SERINE/THREONINE PROTEINE KINASE

(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) **MURAMATSU, Masaaki** [JP/JP]; 3–15–13, Koyama, Nerima–ku, Tokyo 176–0022 (JP). **SHIRASAWA, Takuji** [JP/JP]; 6–1, Kamishakujiiminamicho, Nerima–ku, Tokyo 177–0043 (JP). **TOKUMITSU, Hiroshi** [JP/JP]; 3–2–3C–2, Kiyomidai, Kisarazu–shi, Chiba 292–0000 (JP). **NOGUCHI, Teruhisa** [JP/JP]; 2–8–11, Kugenumakaigan, Fujisawa–shi, Kanagawa 251–0037 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building, 6th floor, 1–1–1, Oroshi–machi, Tsuchiura–shi, Ibaraki 300–0847 (JP).

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

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(11) **WO 98/49277** (13) A2

(21) PCT/EP98/02426

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 823.5 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 9/24, 1/20, C12Q 1/34, C12P 19/14**

(54) • METHOD FOR OBTAINING AN ENDOINULINASE–PRODUCING MICROORGANISM AND METHOD FOR DETECTING AN ENDOINULINASE–ACTIVITY
• PROCEDE DE FABRICATION D'UN MICROORGANISME PRODUISANT DE L'ENDOINULINASE ET PROCEDE DE MISE EN EVIDENCE D'UNE ACTIVITE–ENDOINULINASE.

(71, 72) **TSHISUAKA, Barbara, I.** [DE/DE]; Steckfeldstrasse 62, D–70599 Stuttgart (DE).

(74) **WINTER, Martina**; Kirchstrasse 4–6, D–71364 Winnenden (DE).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49278** (13) A1

(21) PCT/EP98/02590

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 97870060.7 (32) **30 Apr/avr 1997** (33) EP **(30.04.1997)**

(34) BE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 9/24, A23L 1/185, 1/10, C07K 14/415**

(54) • INHIBITORS OF CELLULOLYTIC, XYLANOLYTIC AND β–GLUCANOLYTIC ENZYMES
• INHIBITEURS D'ENZYMES CELLULOLYTIQUES, XYLANOLYTIQUES ET β–GLUCANOLYTIQUES

(71) **K.U. LEUVEN RESEARCH & DEVELOPMENT** [BE/BE]; Groot Begijnhof 59, B–3000 Leuven (BE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DEBYSER, Winok** [BE/BE]; Willem Coosemansstraat 23, B–3010 Kessel–Lo (BE). **DELCOUR, Jan** [BE/BE]; Kastanjelaan 14, B–3001 Leuven (BE).

(74) **VAN MALDEREN, Joëlle** et al. / etc.; Office van Malderen, Place Reine Fabiola 6/1, B–1083 Brussels (BE).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49279** (13) A1

(21) PCT/SE98/00723

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 9701564–8 (32) **25 Apr/avr 1997** (33) SE **(25.04.1997)**

(31) 9800256–1 (32) **29 Jan/jan 1998** (33) SE **(29.01.1998)**

(31) 9800735–4 (32) **6 Mar/mar 1998** (33) SE **(06.03.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 9/88**

(54) • USE OF A ZWITTERIONIC DETERGENT/SURFACTANT FOR PURIFYING GLUTAMIC ACID DECARBOXYLASE (GAD) AND A COMPOSITION CONTAINING GAD
• UTILISATION DE DETERGENT/TENSIOACTIOF ZWITTERIONIQUE POUR PURIFIER L'ACIDE GLUTAMIQUE DECARBOXYLASE (GAD) ET COMPOSITION CONTENANT CETTE ENZYME GAD

(71) **DIAMYD THERAPEUTICS AB** [SE/SE]; Djugårdsbrunnsvägen 54, S–115 25 Stockholm (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ROBERTSON, John** [GB/SE]; Karolinska Sjukhuset M:300, S–171 76 Stockholm (SE).

(74) **BERGSTRAND, Mikael** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 3137, S–103 62 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49280** (13) A1

(21) PCT/US98/08279

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,106 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 11/08, 11/02, C12S 13/00**

(54) • METHOD FOR REDUCTING BIOAVAILABILITY OF LEAD BY A LEAD–SEQUESTERING SOIL BACTERIUM
• PROCEDE DE REDUCTION DE LA BIODISPONIBILITE DU PLOMB AU MOYEN D'UNE BACTERIE DU SOL SEQUESTRANT LE PLOMB

(71) **U.S. ENVIRONMENTAL PROTECTION AGENCY** [US/US]; General Law Branch (LE–132K), Office of the General Counsel, 401 M Street, S.W., Washington, DC 20460 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **DAVIS–HOOVER, Wendy, J.** [US/US]; 9327 Dundee Drive, West Chester, OH 45069–4020 (US). **VESPER, Stephen, J.** [US/US]; 180 South Pelham Drive, Kettering, OH 45429 (US).

(74) **HENDRICKS, Glenna**; P.O. Box 2509, Fairfax, VA 22031–2509 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/49281** (13) A1

(21) PCT/US98/08479

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/841,042 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 13/00, A61K 31/695, 31/33, 31/555, C09B 47/04, 62/00, 67/00**

(54) • METHODS FOR TREATING VIRAL INFECTIONS
• METHODE DE TRAITEMENT DES INFECTIONS VIRALES

(71) **NEW YORK BLOOD CENTER, INC.** [US/US]; 310 East 67th Street, New York, NY 10021–6295 (US).

(72) **BEN–HUR, Ehud**; 500 East 63rd Street #11D, New York, NY 10021 (US).

(74) **ARNOLD, Craig, J.**; Amster, Rothstein & Ebenstein, 90 Park Avenue, New York, NY 10016 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49282** (13) A1

(21) PCT/JP98/01935

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/111635 (32) **28 Apr/avr 1997** (33) JP
(28.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/00, C12Q 1/68**

(54) • METHOD FOR DETECTING CHANGES IN GENE EXPRESSION CAUSED BY THE TRANSFER OF GENE TO BE TESTED
• PROCEDE SERVANT A DETECTER DES MODIFICATIONS DE L'EXPRESSION GENETIQUE PROVOQUEES PAR LE TRANSFERT DE GENES A CONTROLER

(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) **MURAMATSU, Masaaki** [JP/JP]; 3–15–13, Koyama, Nerima–ku, Tokyo 176–0022 (JP). **YANO, Kazuhiro** [JP/JP]; Popura Gaden Haimu 201, 11–6, Bunkyo 6–chome, Kisarazu–shi, Chiba 292–0804 (JP). **NOGUCHI, Teruhisa** [JP/JP]; 2–8–11, Kugenumakaigan, Fujisawa–shi, Kanagawa 251–0037 (JP). **SUYAMA, Akira** [JP/JP]; 2–6–501, Shimoyugi 3–chome, Hachioji–shi, Tokyo 192–0372 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building 6F, 1–1–1, Oroshi–machi, Tsuchiura–shi, Ibaraki 300–0847 (JP).

(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 GW HU ID IL 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49283** (13) A1

(21) PCT/US97/07244

(22) **29 Apr/avr 1997 (29.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/00, G01S 15/00**

(54) • PLANT TREATMENT PROCESS AND APPARATUS
• PROCEDE ET APPAREIL DE TRAITEMENT DE VEGETAUX

(63) US 08/394,020 (CIP)
23 Feb/fév 1995 (23.02.1995)

(71) **KENDRON SPORTS LTD.** [CA/CA]; 10554 – 115th Street, Edmonton, Alberta T5H 3K6 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOU, Tian, Zhen** [CN/US]; P.O. Box 4414, Tumwater, WA 98501 (US). **DeSTITO, John, S.** [US/US]; Route 1, Box 80–A, Walla Walla, WA 99362 (US). **CHENEY, Brian, E.** [US/US]; 2031 Rumrill Boulevard #6, San Pablo, CA 94806 (US).

(74) **WOODS, Michael, E.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CH CN CU CZ DE 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 YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49284** (13) A1

(21) PCT/JP98/01936

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/124795 (32) **28 Apr/avr 1997** (33) JP
(28.04.1997)

(31) 9/309686 (32) **24 Oct/oct 1997** (33) JP
(24.10.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/09, C12Q 1/68**

(54) • METHODS FOR DETECTING AND ISOLATING NUCLEAR TRANSPORT PROTEINS
• PROCEDE SERVANT A DETECTER ET A ISOLER DES PROTEINES DE TRANSPORT NUCLEAIRE

(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) **UEKI, Nobuhide** [JP/JP]; Machida Kopu Taun 5–404, 2–12–3, Ogawa, Machida–shi, Tokyo 194–0003 (JP). **NOGUCHI, Teruhisa** [JP/JP]; 2–8–11, Kugenumakaigan, Fujisawa–shi, Kanagawa 251–0037 (JP).

(74) **SHIMIZU, Hatsushi** et al. / etc.; Kantetsu Tsukuba Building, 6th floor, 1–1–1, Oroshi–machi, Tsuchiura–shi, Ibaraki 300–0847 (JP).

(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 GW HU ID IL 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49285** (13) A1

(21) PCT/FR98/00870

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) 97/05679 (32) **29 Apr/avr 1997** (33) FR
(29.04.1997)

(31) 97/16870 (32) **31 Dec/déc 1997** (33) FR
(31.12.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/10, C07K 14/47, 14/15, 7/06, 7/08, G01N 33/564, 33/569**

(54) • POLYPEPTIDE CAPABLE OF REACTING WITH ANTIBODIES OF PATIENTS SUFFERING FROM MULTIPLE SCLEROSIS AND USES
• POLYPEPTIDE CAPABLE DE REAGIR AVEC LES ANTICORPS DE PATIENTS ATTEINTS DE SCLEROSE EN PLAQUES ET UTILISATIONS

(71) **BIO MERIEUX** [FR/FR]; Chemin de l'Orme, F–69280 Marcy l'Etoile (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JOLIVET–REYNAUD, Colette** [FR/FR]; 16, avenue des Colonnes, F–69500 Bron (FR). **PERRON, Hervé** [FR/FR]; 134, rue du Docteur Locard, F–69005 Lyon (FR). **MANDRAND, Bernard** [FR/FR]; 21, rue de la Doua, F–69100 Villeurbanne (FR).

(74) **CABINET GERMAIN & MAUREAU**; Boîte postale 6153, F–69466 Lyon Cedex 06 (FR).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49286** (13) A2

(21) PCT/US98/08714

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,063 (32) **1 May/mai 1997** (33) US
(01.05.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/10, 15/62, 9/00, G01N 33/554, C07K 16/16, 16/42, A61K 39/40**

(54) • DIRECTED EVOLUTION OF ENZYMES AND ANTIBODIES
• EVOLUTION ORIENTEE D'ENZYMES ET D'ANTICORPS

(63) US 08/847,063 (CIP)
1 May/mai 1997 (01.05.1997)

(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) **IVERSON, Brent** [US/US]; 1316 Thaddeus Cove, Austin, TX 78746 (US). **GEORGIOU, George** [US/US]; 11501 Juniper Ridge Drive, Austin, TX 78759 (US). **CHEN, Gang** [CN/US]; 3450 Wickersham #604, Austin, TX 78741 (US). **OLSEN, Mark, J.** [US/US]; 607 Woodward Street #110, Austin, TX 78704 (US). **DAUGHERTY, Patrick, S.** [US/US]; 3121 Speedway #116, Austin, TX 78705 (US).

(74) **MCMILLIAN, Nabeela, R.**; Arnold, White & Durkee, P.O. Box 4433, Houston, TX 77210 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49287** (13) A2

(21) PCT/US98/08722

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,230 (32) **30 Apr/avr 1997** (33) US
(30.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/11, A61K 31/70, C07H 21/00**

(54) • ANTISENSE OLIGONUCLEOTIDES SPECIFIC FOR THYMIDYLATE SYNTHASE
• OLIGONUCLEOTIDES ANTISENS SPECIFIQUES D'UNE THYMIDYLATE SYNTHASE

(71) **HYBRIDON, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US).

(72) **SCHMITZ, John, C.**; Apartment 2, 81 Edwards Street, New Haven, CT 06511 (US). **AGRAWAL, Sudhir**; 61 Lamplighter Drive, Shrewsbury, MA 01545 (US). **CHU, Edward**; 346 Saybrook Road, Orange, CT 06477 (US).

(74) **KERNER, Ann–Louise** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49288** (13) A1

(21) PCT/US98/08751

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/848,229 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/11, A61K 31/70**

(54) • OLIGONUCLEOTIDE MEDIATED SPECIFIC CYTOKINE INDUCTION AND *IN VIVO* PROTECTION FROM INFECTION
• INDUCTION SPECIFIQUE DE CYTOKINES PAR MEDIATION OLIGONUCLEOTIDIQUE ET PROTECTION IN VIVO CONTRE LES INFECTIONS

(71) **HYBRIDON, INC.** [US/US]; 620 Memorial Drive, Cambridge, MA 02139 (US).

(72) **AGRAWAL, Sudhir**; 61 Lamplighter Drive, Shrewsbury, MA 01545 (US). **ZHAO, Qiuyan**; 11 Southwood Drive, Southboro, MA 01772 (US).

(74) **KEOWN, Wayne, A.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49289** (13) A1

(21) PCT/US98/08906

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/847,218 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/11, 15/67, 15/85, 15/90, 5/10, 1/21, C07K 14/47, A01K 67/027**

(54) • HAMSTER EF–1α TRANSCRIPTIONAL REGULATORY DNA
• ADN REGULATEUR DE TRANSCRIPTION DU GENE EF–1α DU HAMSTER

(71) **ICOS CORPORATION** [US/US]; 22021 20th Avenue, S.E., Bothell, WA 98201 (US).

(72) **ALLISON, Daniel, S.**; 3612 N.E. 189th Place, Seattle, WA 98155 (US).

(74) **WILLIAMS, Joseph, A., Jr.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606–6402 (US).

(81) AU BR CA CN CZ HU IL JP MX NO PL RU SK; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/49290** (13) A2

(21) PCT/EP98/02464

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 97201233.0 (32) **25 Apr/avr 1997** (33) EP **(25.04.1997)**

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/47, C12N 15/62, G01N 33/68, C12Q 1/68, A61K 31/70, 38/17, 48/00, A01K 67/027**

(54) • SYNDECAN INTERACTING PROTEINS AND THE USE THEREOF
• PROTEINES INTERAGISSANT AVEC SYNDECANE ET UTILISATION DE CELLES–CI

(71) **VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE** [BE/BE]; Rijvisschestraat 118, B–9052 Zwijnaarde (BE).
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(72, 75) **GROOTJANS, Jan** [NL/BE]; Brusselsestraat 290/26, B–3000 Leuven (BE). **ZIMMERMANN, Pascale** [BE/BE]; Elsenboschstraat 10, B–1357 Opheylissem (BE). **DAVID, Guido** [BE/BE]; Koningin Elizabethlaan 11, B–3000 Leuven (BE).

(74) **VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE**; Rijvisschestraat 118, B–9052 Zwijnaarde (BE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49291** (13) A1

(21) PCT/EP98/02490

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 97107033.9 (32) **28 Apr/avr 1997** (33) EP **(28.04.1997)**

(34) IT et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/47, G01N 33/50, A61K 38/17, 48/00, C12N 5/10**

(54) • INTRACELLULAR GLUCOCORTICOID–INDUCED LEUCINE ZIPPERS MODULATORS OF APOPTIC CELL DEATH PATHWAYS
• GLISSIERES A LEUCINE INDUITES PAR UN GLUCOCORTICOIDE SERVANT DE MODULATEURS INTRACELLULAIRES DES MECANISMES D'APOPTOSE CELLULAIRE

(71) **APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.** [NL/NL]; John B. Gorsiraweg 14, Curacao (AN).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICCARDI, Carlo** [IT/IT]; Via Del Favarone, 37, I–06100 Perugia (IT).

(74) **PIERACCIOLI, Daniele**; Istituto Farmacologico Serono S.p.A., Via Casilina, 125, I–00176 Rome (IT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49292** (13) A2

(21) PCT/FR98/00883

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) fr (26) fr

(31) 97/05411 (32) **30 Apr/avr 1997** (33) FR **(30.04.1997)**

(31) 98/00927 (32) **28 Jan/jan 1998** (33) FR **(28.01.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/705, 16/28, 1/36, G01N 33/53, 33/577, 33/68, A61K 38/17, 39/395, C12Q 1/68**

(54) • POLYPEPTIDES ASSOCIATED WITH ACTIVATOR RECEPTORS AND THEIR BIOLOGICAL APPLICATIONS
• POLYPEPTIDES ASSOCIES A DES RECEPTEURS ACTIVATEURS ET LEURS APPLICATIONS BIOLOGIQUES

(71) **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)** [FR/FR]; 101, rue de Tolbiac, F–75654 Paris Cedex 13 (FR).
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(72, 75) **VIVIER, Eric** [FR/FR]; 20 bis, chemin du Boudard, F–13260 Cassis (FR). **MORETTA, Alessandro** [IT/IT]; Via Nizza, 18/8, I–16136 Genova (IT). **OLCESE, Lucia** [IT/IT]; Via Palestro, 23/7A, I–16122 Genova (IT). **VELY, Frédéric** [FR/FR]; Résidence du Vallat La Farandole, F–13260 Cassis (FR). **TOMASELLO, Elena** [FR/FR]; 38, allée des Pins, F–13009 Marseille (FR).

(74) **PEAUCELLE, Chantal** et al. / etc.; Cabinet Armengaud Ainé, 3, avenue Bugeaud, F–75116 Paris (FR).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49293** (13) A1

(21) PCT/GB98/01206

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708479.2 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/705, C12N 5/10, A61K 38/17, G01N 33/50, C12Q 1/68, G01N 33/68**

(54) • HUMAN THETA SUBUNIT OF THE GABA–A RECEPTOR
• SOUS–UNITE THETA HUMAINE DU RECEPTEUR DE GABA–A

(71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB).
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(72, 75) **BONNERT, Timothy, Peter** [GB/GB]; Terlings Park, Eastwick road, Harlow, Essex CM20 2QR (GB). **WHITING, Paul, John** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

(74) **HISCOCK, Ian**; Merck & Co., Inc, European Patent Dept., Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49294** (13) A1

(21) PCT/IB98/00735

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,160 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 09/067,676 (32) **28 Apr/avr 1998** (33) US **(28.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/435, 16/18, C12Q 1/68, G01N 33/53, A61K 31/365, A01N 43/90**

(54) • METHODS FOR DETECTING AND REVERSING RESISTANCE TO MACROCYCLIC LACTONE COMPOUNDS
• PROCEDES DE DETECTION ET D'INVERSION DE LA RESISTANCE AUX COMPOSES DE LACTONE MACROCYCLIQUES

(71) **MCGILL UNIVERSITY** [CA/CA]; 845 Sherbrooke Street W., Montreal, Quebec H3A 2T5 (CA).

(72) **PRICHARD, Roger, K.**; 597 Lakeshore Road, Beaconsfield, Quebec H9W 4K5 (CA). **XU, Ming**; Apartment 64, 12180 Ramona, Chino, CA 91710 (US). **RIBEIRO, Ana, Paula**; 2282 Harvard Avenue, Montreal, Quebec H4A 2W2 (CA). **BLACKHALL, William, J.**; Apartment 207, 71 Pardo Avenue, Pointe Claire, Quebec H9R 3H4 (CA). **BEECH, Robin, N.**; 138 Regent Avenue, Beaconsfield, Quebec H9W 5A7 (CA). **MOLENTO, Marcelo**; 21111 Lakeshore Road, P.O. Box 162, Sainte–Anne–de–Bellevue, Quebec H9X 3V9 (CA). **LIU, Hao, Yuan**; 21111 Lakeshore Road, P.O. Box 49, Sainte–Anne–de–Bellevue, Quebec H9X 3V9 (CA).

(74) **CONN, David, L.** et al. / etc.; Smart & Biggar, 900 – 55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (CA).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49295** (13) A1

(21) PCT/JP98/01923

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9/109974 (32) **28 Apr/avr 1997** (33) JP **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/47, 14/72, C12N 1/21, 5/10, C07K 16/18, C12Q 1/68, G01N 33/52, A61K 38/00**

(54) • LIGAND POLYPEPTIDE FOR THE G PROTEIN–COUPLED RECEPTOR FROM HUMAN PITUITARY GLANDS
• POLYPEPTIDES LIGANDS POUR LE RECEPTEUR COUPLE A LA PROTEINE G, PROVENANT DE L'HYPOHYSE HUMAINE

(71) **TAKEDA CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 1–1, Doshomachi 4–chome, Chuo–ku, Osaka–shi, Osaka 541–0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HINUMA, Shuji** [JP/JP]; 7–9–1402, Kasuga 1–chome, Tsukuba–shi, Ibaraki 305–0821 (JP). **FUKUSUMI, Shoji** [JP/JP]; 17–6–302, Namiki 3–chome, Tsukuba–shi, Ibaraki 305–0044 (JP).

(74) **ASAHINA, Tadao** et al. / etc.; Osaka Plant of Takeda Chemical Industries, Ltd., 17–85, Jusohonmachi 2–chome, Yodogawa–ku, Osaka–shi, Osaka 532–0024 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS KG KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49296** (13) A1

(21) PCT/US98/06324

(22) **31 Mar/mar 1998 (31.03.1998)**

(25) en (26) en

(31) 60/044,427 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(31) 60/045,157 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/475, 16/22, C12N 15/62, A61K 38/18**

(54) • HUMAN CERBERUS PROTEIN
• PROTEINE CERBERUS HUMAINE

(71) **REGENERON PHARMACEUTICALS, INC.** [US/US]; 777 Old Saw Mill River Road, Tarrytown, NY 10591–6707 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VALENZUELA, David, M.** [CL/US]; 216 Grange Street, Franklin Square, NY 11010 (US). **ROJAS, Eduardo, A.** [CL/US]; Apartment 304, 39 Longview Avenue, White Plains, NY 10605 (US). **ECONOMIDES, Aris, N.** [GR/US]; 12 Mt. Morris Park West, New York, NY 10027 (US). **STAHL, Neil, E.** [US/US]; R.D. #10, Kent Shore Drive, Carmel, NY 10512 (US).

(74) **COBERT, Robert, J.** et al. / etc.; Regeneron Pharmaceuticals, Inc., 777 Old Saw Mill River Road, Tarrytown, NY 10591 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49297** (13) A1

(21) PCT/US98/07439

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 60/044,835 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/47, 14/715**

(54) • NEURONAL MORT1 ISOFORMS
• ISOFORMES DE MORT1 NEURONAL

(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940 (US).

(72) **BINGHAM, Brendan, William**; 31 Tamarack Court, Newtown, PA 18940 (US). **YOUNG, Kathleen, H.**; 1706 Society Place, Newtown, PA 18940 (US). **WOOD, Andrew, Timothy**; 2051 Leedoms Drive, Newtown, PA 18940 (US). **BIRSAN, Camelia**; 1507 Hunter's Glen Drive, Plainsboro, NJ 08536 (US).

(74) **WALSH, Andrea, C.**; American Home Products Corporation, Patent Law Dept. 2B2, One Campus Drive, Parsippany, NJ 07054 (US) et al. / etc.

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49298** (13) A1

(21) PCT/US98/07750

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/846,134 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/47, A61K 38/17, C12Q 1/68, C07K 16/18**

(54) • HEAT SHOCK–LIKE PROTEIN
• PROTEINE APPARENTEE A LA PROTEINE DU STRESS

(63) US 08/846,134 (CIP)
25 Apr/avr 1997 (25.04.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 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 #12, Mountain View, CA 94040 (US). **SHAH, Purvi** [IN/US]; 1608 Queen Charlotte Drive #5, Sunnyvale, CA 94087 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49299** (13) A1

(21) PCT/US98/07784

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/845,998 (32) **25 Apr/avr 1997** (33) US
(25.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, 15/10, 5/10, C12Q 1/68, A61K 31/70, C07K 14/435**

(54) • LEUKEMIA ASSOCIATED GENES
• GENES ASSOCIES A LA LEUCEMIE

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [CH/US]; 1345 Avenue of the Americas, New York, NY 10105 (US).

(72) **VAN BAREN, Nicolas**; Université Catholique de Louvain, 7459, avenue Hippocrate, B–1200 Brussels (BE). **COULIE, Pierre, G.**; Université Catholique de Louvain, 7459, avenue Hippocrate, B–1200 Brussels (BE). **DE SMET, Charles**; 7459, avenue Hippocrate, B–1200 Brussels (BE). **LUCAS, Sophie**; 7459, avenue Hippocrate, B–1200 Brussels (BE). **BOON–FALLEUR, Thierry**; 7459, avenue Hippocrate, B–1200 Brussels (BE).

(74) **VAN AMSTERDAM, John, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) AU CA CN JP KR NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49300** (13) A2

(21) PCT/US98/07801

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/842,984 (32) **25 Apr/avr 1997** (33) US
(25.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/52, C12N 5/10, A61K 38/19**

(54) • TRUNCATED VEGF–RELATED PROTEINS
• FORMES TRONQUEES DE PROTEINES APPARENTEES AU FACTEUR VEGF

(71) **COLLATERAL THERAPEUTICS** [US/US]; Suite 110, 9360 Towne Centre Drive, San Diego, CA 92121 (US).

(72) **BOHLEN, Peter**; 2237 Cortina Circle, Escondido, CA 92029 (US).

(74) **SILVERSTEIN, Sheryl, R.**; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49301** (13) A1

(21) PCT/US98/08130

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/847,724 (32) **28 Apr/avr 1997** (33) US
(28.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/705, C12Q 1/68, C12N 1/21, A61K 31/70, G01N 33/58, 33/60, 33/68, C07K 16/28, A61K 38/17 // (C12N 1/21, C12R 1:19)**

(54) • NEW HUMAN RETINOID BINDING PROTEIN
• NOUVELLE PROTEINE FIXATRICE DE RETINOIDE HUMAINE

(63) US 08/847,724 (CIP)
28 Apr/avr 1997 (28.04.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **LAL, Preeti** [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (US). **PETITHORY, Joanne, R.** [US/US]; 33030 Soquel Street, Union City, CA 94587 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49302** (13) A1

(21) PCT/US98/08336

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,296 (32) **25 Apr/avr 1997** (33) US
(25.04.1997)

(31) 09/065,125 (32) **23 Apr/avr 1998** (33) US
(23.04.1998)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/47, A61K 38/17**

(54) • SECRETED PROTEINS AND POLYNUCLEOTIDES ENCODING THEM
• PROTEINES SECRETEES ET POLYNUCLEOTIDES LES CODANT

(71) **GENETICS INSTITUTE, INC.** [US/US]; 87 CambridgePark Drive, Cambridge, MA 02140 (US).

(72) **JACOBS, Kenneth**; 151 Beaumont Avenue, Newton, MA 02160 (US). **MCCOY, John, M.**; 56 Howard Street, Reading, MA 01867 (US). **LAVALLIE, Edward, R.**; 113 Ann Lee Road, Harvard, MA 01451 (US). **RACIE, Lisa, A.**; 124 School Street, Acton, MA 01720 (US). **MERBERG, David**; 2 Orchard Drive, Acton, MA 01720 (US). **TREACY, Maurice**; 93 Walcott Road, Chestnut Hill, MA 02167 (US). **SPAULDING, Vikki**; 11 Meadowbank Road, Billerica, MA 01821 (US). **AGOSTINO, Michael, J.**; 26 Wolcott Avenue, Andover, MA 01810 (US).

(74) **SPRUNGER, Suzanne, A.**; Genetics Institute, Inc., 87 CambridgePark Drive, Cambridge, MA 02140 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49303** (13) A2

(21) PCT/US98/08371

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/043,154 (32) **29 Apr/avr 1997** (33) US
(29.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/435, 19/00, C12N 1/21, A61K 39/00, 39/002, 39/116, 39/295, 39/385, 39/395, G01N 33/53, C07K 16/18 // (C12N 1/21, C12R 1:19)**

(54) • COMPOSITIONS AND METHODS FOR CONFERRING TICK IMMUNITY AND PREVENTING TICK BORNE DISEASES
• COMPOSITIONS ET PROCEDES D'IMMUNISATION CONTRE LES TIQUES ET DE PREVENTION DES MALADIES VEHICULEES PAR LES TIQUES

(71) **YALE UNIVERSITY** [US/US]; 451 College Street, New Haven, CT 06520 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANTOR, Fred, S.** [US/US]; 52 Wellington Drive, Orange, CT 06477 (US). **FIKRIG, Erol** [US/US]; 101 Coventry Way, Guilford, CT 06437 (US). **NAZARIO, Sylvette** [US/US]; B–30 Parque Forestal, San Juan, Puerto Rico 00926 (US). **DAS, Subrata** [IN/US]; Apartment 1L, 180 Edward Street, New Haven, CT 06511 (US).

(74) **HALEY, James, F., Jr.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49304** (13) A1

(21) PCT/US98/08525

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/847,900 (32) **28 Apr/avr 1997** (33) US
(28.04.1997)

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/47, C12N 5/10, A61K 38/17, C12Q 1/68**

(54) • NEURONAL EXTRACELLULAR MATRIX PROTEIN
• PROTEINE A MATRICE EXTRACELLULAIRE NEURONALE

(63) US 08/847,900 (CIP) 28 Apr/avr 1997 (28.04.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 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 #12, Mountain View, CA 94040 (US). **CORLEY, Neil, C.** [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). **SHAH, Purvi** [IN/US]; 1608 Queen Charlotte Drive #5, Sunnyvale, CA 94087 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49305** (13) A1

(21) PCT/US98/08631

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/850,188 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, 15/62, C07K 14/705, A61K 38/17**

(54) • CHIMERIC OPG POLYPEPTIDES
• POLYPEPTIDES OPG CHIMERES

(71) **AMGEN INC.** [US/US]; Amgen Center, One Amgen Center Drive, Thousand Oaks, CA 91320–1789 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOYLE, William, J.** [US/US]; 11678 Chestnut Ridge Street, Moorpark, CA 93021 (US). **WOODEN, Scott** [US/US]; 1668 Sweet Briar Place, Thousand Oaks, CA 91362 (US).

(74) **ODRE, Steven, M.** et al. / etc.; Amgen, Inc., Amgen Center, One Amgen Center Drive, Thousand Oaks, CA 91320–1789 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49306** (13) A1

(21) PCT/US98/08791

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,523 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/705, A61K 38/17, C07K 16/28, C12Q 1/68, G01N 33/68**

(54) • HUMAN C–TYPE LECTIN
• LECTINE HUMAINE DE TYPE C

(63) US 08/846,523 (CIP) 29 Apr/avr 1997 (29.04.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANDMAN, Olga** [US/US]; 366 Anna Avenue, Mountain View, CA 94043 (US). **SHAH, Purvi** [IN/US]; 1608 Queen Charlotte Drive #5, Sunnyvale, CA 94087 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KR MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49307** (13) A1

(21) PCT/US98/08865

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,287 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 08/850,030 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 09/023,890 (32) **13 Feb/fév 1998 (13.02.1998)** (33) US

(31) 60/074,721 (32) **13 Feb/fév 1998 (13.02.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/12, C07K 14/715, 16/28**

(54) • MAMMALIAN CYTOKINE–LIKE RECEPTOR
• RECEPTEURS DE MAMMIFERES ANALOGUES DE LA CYTOKINE

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **LOK, Si**; 806 N.W. 52nd, Seattle, WA 98107 (US). **PRESNELL, Scott, R.**; 919 North 83rd Street, Seattle, WA 98103 (US). **JELMBERG, Anna, C.**; 170 2nd Avenue N.W. #203, Issaquah, WA 98027 (US). **GILBERT, Teresa**; 246 12th Street S.E., Seattle, WA 98002 (US). **WHITMORE, Theodore, E.**; 6916 152nd Avenue N.E., Redmond, WA 98052 (US). **FOSTER, Donald, C.**; 3002 N.E. 181st Street, Seattle, WA 98155 (US). **ADAMS, Robyn, L.**; 14418 S.E. 15th Street, Bellevue, WA 98007 (US). **LEHNER, Joyce, M.**; 6522 Phinney Avenue North #201, Seattle, WA 98103 (US).

(74) **LUNN, Paul, G.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (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 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 UZ VN ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49308** (13) A1

(21) PCT/US98/08242

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/845,541 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/841,045 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/18, 15/85, 5/10, C07K 14/48, A61K 38/18**

(54) • NGF VARIANTS
• VARIANTS DU FACTEUR DE CROISSANCE DU TISSU NERVEUX (FCN)

(71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080–4990 (US).

(72) **PRESTA, Leonard, G.**; 1900 Gough Street #206, San Francisco, CA 94109 (US). **URFER, Roman**; Vogesenstrasse 73, CH–4056 Basel (CH). **WINSLOW, John, W.**; P.O. Box 1232, El Grenada, CA 94018 (US).

(74) **TORCHIA, Timothy, E.** et al. / etc.; Genentech, Inc., 1 DNA Way, South San Francisco, CA 94080–4990 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49309** (13) A1

(21) PCT/EP98/02405

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 97107135.2 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) DE et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/19, C07K 14/52, C12N 5/08, 5/10, C12Q 1/68, C07K 19/00, 16/24, A61K 38/19, G01N 33/50, 33/53**

(54) • RAT ST38.2 CHEMOKINE
• CHEMOKINE ST38.2 DU RAT

(71) **F. HOFFMANN–LA ROCHE AG** [CH/CH]; Grenzacherstrasse 124, CH–4070 Basle (CH).

(72) **LESSLAUER, Werner**; Aeussere Baselstrasse 288, CH–4125 Riehen (CH). **UTANS–SCHNEITZ, Ulrike**; General Guisan Strasse 18, CH–4054 Basle (CH).

(74) **WITTE, Hubert**; Grenzacherstrasse 124, CH–4070 Basle (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49310** (13) A1

(21) PCT/US98/08212

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/044,886 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/845,753 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 60/071,676 (32) **16 Jan/jan 1998 (16.01.1998)** (33) US

(31) 09/008,543 (32) **16 Jan/jan 1998 (16.01.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/19, C07K 14/52, C12N 15/62, C07K 19/00, 16/24, 16/42, C12Q 1/66, 1/68, G01N 33/52, 33/60**

(54) • MAMMALIAN CYTOKINE–LIKE FACTOR 7
• FACTEUR 7 MAMMALIEN DU TYPE CYTOKINE

(71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) **PRESNELL, Scott, R.**; 919 N. 83rd Street, Seattle, WA 98103 (US). **GILBERT, Teresa**; 246 12th Street, S.E., Auburn, WA 98002 (US). **WHITMORE, Theodore, E.**; 6916 152nd Avenue, N.E., Redmond, WA 98052 (US). **FOSTER, Donald, C.**; 3002 N.E. 181st Street, Seattle, WA 98155 (US). **HART, Charles, E.**; 20114 183rd Place, N.E., Woodinville, WA 98072 (US). **LEHNER, Joyce, M.**; 6522 Phinney Avenue North #201, Seattle, WA 98103 (US). **MARTINEZ, Theresa**; 4591 Honeymoon Bay Road, Greenbank, WA 98253 (US). **HOFFMANN, Ross, C.**; 503 13th Avenue East #302, Seattle, WA 98102 (US).

(74) **LUNN, Paul, G.**; ZymoGenetics, Inc., 1201 Eastlake Avenue East, Seattle, WA 98102 (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 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 UZ VN ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49311** (13) A2

(21) PCT/CA98/00394

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,148 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 60/063,715 (32) **29 Oct/oct 1997 (29.10.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/29, 15/62, 15/70, 15/86, A61K 38/16, 48/00**

(54) • RICIN–LIKE TOXIN VARIANTS FOR TREATMENT OF CANCER, VIRAL OR PARASITIC INFECTIONS
• VARIANTES DE TOXINES DE TYPE RICIN DESTINEES AU TRAITEMENT D'INFECTIONS CANCEREUSES, VIRALES OU PARASITAIRES

(71) **DE NOVO ENZYME CORPORATION** [CA/CA]; #2 Suite SFU Discovery Park, Burnaby, British Columbia V5A 1S6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BORGFORD, Thor** [CA/CA]; 443 Fadar Street, New Westminster, British Columbia V3L 3T2 (CA).

(74) **BERESKIN & PARR**; 40th floor, 40 King Street West, Toronto, Ontario M5H 3Y2 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49312** (13) A2

(21) PCT/US98/08264

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,869 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/31, A61K 38/16, C12Q 1/68, G01N 33/68, C07K 16/12, C12N 5/20, A61K 39/02**

(54) • NUCLEIC ACIDS, PROTEINS, AND METHODS OF USE OF GRANULOCYTIC ERHLICHIA
• ACIDES NUCLEIQUES, PROTEINES ET MODES D'UTILISATION D'ERHLICHIA GRANULOCYTE

(71) **AQUILA BIOPHARMACEUTICALS, INC.** [US/US]; 365 Plantation Street, Worcester, MA 01605–2376 (US).

(72) **MURPHY, Cheryl**; 7 Joseph Road, Hopkinton, MA 01748 (US). **STOREY, James**; 15 Lake Street, P.O. Box 119, Linwood, MA 01525 (US). **BELTZ, Gerald**; 4 Eustis Street, Lexington, MA 02173 (US). **COUGHLIN, Richard, T.**; 191 Baldwin Street, Leicester, MA 01524 (US).

(74) **SUPERKO, Colleen** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 RO SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49313** (13) A2

(21) PCT/US98/08265

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,933 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/31, C07K 14/29, A61K 39/02, G01N 33/68, C07K 16/12, C12N 5/20**

(54) • CHARACTERIZATION OF GRANULOCYTIC EHRLICHIA AND METHODS OF USE
• CARACTERISATION D'*ERHLICHIA* GRANULOCYTE ET METHODES D'UTILISATION

(71) **AQUILA BIOPHARMACEUTICALS, INC.** [US/US]; 365 Plantation Street, Worcester, MA 01605–2376 (US).

(72) **MURPHY, Cheryl, A.**; 7 Joseph Road, Hopkinton, MA 01748 (US). **STOREY, James**; 15 Lake Street, P.O. Box 119, Linwood, MA 01525 (US). **BELTZ, Gerald, A.**; 4 Eustis Street, Lexington, MA 02173 (US). **COUGHLIN, Richard, T.**; 191 Baldwin Street, Leicester, MA 01524 (US).

(74) **SUPERKO, Colleen** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49314** (13) A2

(21) PCT/US98/08487

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/045,107 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 60/061,958 (32) **14 Oct/oct 1997 (14.10.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/31, C07K 14/205, 16/12, A61K 39/106**

(54) • ANTIGENIC COMPOSITION AND METHOD OF DETECTION FOR *HELICOBACTER PYLORI*
• COMPOSITION ANTIGENIQUE ET METHODE DE DETECTION D'*HELICOBACTER PYLORI*

(71) **GENELABS TECHNOLOGIES, INC.** [US/US]; 505 Penobscot Drive, Redwood City, CA 94063 (US).

(72) **CHOW, Theresa, P.**; 5 Hume Avenue #05–04, Singapore 0999 (SG). **FRY, Kirk, E.**; 2604 Ross Road, Palo Alto, CA 94303 (US). **LIM, Moon, Y.**; 10 Lido Circle, Redwood City, CA 94065 (US). **MCATEE, C., P.**; 93 Park Oxford Place, San Jose, CA 95136 (US).

(74) **EVANS, Susan, T.** et al. / etc.; Dehlinger & Associates, P.O. Box 60850, Palo Alto, CA 94306–0850 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49315** (13) A2

(21) PCT/US98/08792

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,247 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 60/076,919 (32) **5 Mar/mar 1998 (05.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/52, 15/76, 9/00, 1/21, C12P 17/06, C07D 309/00, 313/04, 493/10, 313/00, C07H 17/04**

(54) • COMBINATORIAL POLYKETIDE LIBRARIES PRODUCED USING A MODULAR PKS GENE CLUSTER AS SCAFFOLD
• BIBLIOTHEQUES COMBINATOIRES DE POLYCETIDES PRODUITES A L'AIDE D'UN GROUPE DE GENES MODULAIRE DE POLYCETIDE SYNTHASE EN TANT QUE SQUELETTE

(71) **KOSAN BIOSCIENCES, INC.** [US/US]; 1450 Rollins Road, Burlingame, CA 94010 (US). **THE BOARD OF REGENTS OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Suite 350, 900 Welch Road, Palo Alto, CA 94304 (US).

(72) **KHOSLA, Chaitan**; 740 La Para Avenue, Palo Alto, CA 94306 (US). **ASHLEY, Gary**; 102 Verdenar Drive, Alameda, CA 94502 (US). **FU, Hong**; 34158 Tony Terrace, Fremont, CA 94555 (US). **KAO, Camilla, M.**; 698 Matadero Avenue, Palo Alto, CA 94306 (US). **MCDANIEL, Robert**; 698 Matadero Avenue, Palo Alto, CA 94306 (US).

(74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006–1888 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49316** (13) A1

(21) PCT/GB98/01221

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708542.7 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/54, 15/82, 5/10, A01H 5/00**

(54) • RESISTANCE MARKER FOR MONOCOTYLEDONS
• MARQUEUR DE RESISTANCE POUR MONOCOTYLEDONES

(71) **NICKERSON BIOCEM LIMITED** [GB/GB]; Cambridge Science Park, Milton Road, Cambridge CB4 4GZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREEMAN, Judy, Patricia** [GB/GB]; Nickerson Biocem Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4GZ (GB). **BOWDEN, Sarah, Louise** [GB/GB]; Nickerson Biocem Limited, Cambridge Science Park, Milton Road, Cambridge CB4 4GZ (GB).

(74) **CHAPMAN, Paul, William** et al. / etc.; Kilburn & Strode, 20 Red Lion Street, London WC1R 4PJ (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49317** (13) A2

(21) PCT/US98/08439

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/044,428 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 60/047,222 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(31) 60/049,756 (32) **11 Jun/juin 1997 (11.06.1997)** (33) US

(31) 60/049,477 (32) **11 Jun/juin 1997 (11.06.1997)** (33) US

(31) 60/049,914 (32) **18 Jun/juin 1997 (18.06.1997)** (33) US

(31) 60/063,595 (32) **23 Oct/oct 1997 (23.10.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/54, 15/55, 9/12, 9/16, C07K 14/705, C12N 15/11, C07K 16/40, 16/28, C12N 5/12, 15/62, C12Q 1/42, 1/48**

(54) • DIAGNOSIS AND TREATMENT OF PHOSPHATASE 0R KINASE–RELATED DISORDERS
• DIAGNOSTIC ET TRAITEMENT DE TROUBLES LIES A LA PHOSPHATASE OU A LA KINASE

(71) **SUGEN, INC.** [US/US]; 351 Galveston Drive, Redwood City, CA 94063 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PLOWMAN, Greg, D.** [US/US]; 4 Honeysuckle Lane, San Carlos, CA 94070 (US). **CLARY, Douglas** [US/US]; 164 Midcrest Way, San Francisco, CA 94131 (US). **JALLAL, Bahija** [MA/US]; 101 O'Keefe Street, Melo Park, CA 94025 (US). **PELES, Elior** [IL/IL]; Hanasi Harishon 51, 76303 Rhovot (IL). **ONRUST, Susan** [US/NZ]; 6 Summit Drive, Mt. Albert, Auckland 3 (NZ). **MARKBY, Dave** [US/US]; Apartment A, 477 Burnett Avenue, San Francisco, CA 94131 (US). **COURTNEIDGE, Sara, A.** [GB/US]; 1408 Alvarado Avenue, Burlingame, CA 94010 (US). **APP, Harald** [DE/US]; 630 27th Street, San Francisco, CA 94131 (US). **HUI, Terance, H.** [CN/US]; 363 Skyline Drive, Daly City, CA 94015 (US).

(74) **WARBURG, Richard, J.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49318** (13) A1

(21) PCT/FR98/00876

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) fr (26) fr

(31) 97/05607 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/55, 9/80, 15/31, C07K 14/205, A61K 31/70**

(54) • DNA BASED ANTI–*HELICOBACTER* VACCINE COMPOSITION
• COMPOSITION VACCINALE ANTI–*HELICOBACTER* A BASE D'ADN

(71) **PASTEUR MERIEUX SERUMS & VACCINS** [FR/FR]; 58, avenue Leclerc, F–69007 Lyon (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAENSLER, Jean** [FR/FR]; "Les Bullandières", Bâtiment B, 17, rue Piccandet, F–69290 Saint Genis les Ollières (FR). **GUY, Bruno** [FR/FR]; 15 B, rue des Noyers, F–69005 Lyon (FR). **GIRERD–CHAMBAZ, Yves** [FR/FR]; 38, Grande Rue, F–69340 Francheville (FR).

(74) **AYROLES, Marie–Pauline**; Pasteur Mérieux Sérums & Vaccins, Direction Propriété Industrielle, 58, avenue Leclerc, F–69007 Lyon (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49319** (13) A1

(21) PCT/US98/08782

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/844,120 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 09/022,940 (32) **12 Feb/fév 1998 (12.02.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/55, 9/18, A61K 38/46, C07K 16/40, C12Q 1/68**

(54) • HUMAN LYSOPHOSPHOLIPASE
• LYSOPHOSPHOLIPASE HUMAINE

(63) US 08/844,120 (CIP)
29 Apr/avr 1997 (29.04.1997)
US 09/022,940 (CIP)
12 Feb/fév 1998 (12.02.1998)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 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 #12, Mountain View, CA 94040 (US). **SHAH, Purvi** [IN/US]; 1608 Queen Charlotte #5, Sunnyvale, CA 94087 (US). **MURRY, Lynn, E.** [US/US]; 1124 Los Trancos Road, Portola Valley, CA 94028 (US).

(74) **BILLINGS, Lucy, J.**; Incyte Pharmaceuticals, Inc., 3174 Porter Drive, Palo Alto, CA 94304 (US).

(81) AT AU BR CA CH CN DE DK ES FI GB IL JP KZ MX NO NZ RU SE SG US; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49320** (13) A1

(21) PCT/CA98/00157

(22) **26 Feb/fév 1998 (26.02.1998)**

(25) en (26) en

(31) 2,203,613 (32) **24 Apr/avr 1997** (33) CA **(24.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/56, 15/85, C12Q 1/68**

(54) • SECRETED α–AMYLASE AS A REPORTER GENE
• α–AMYLASE SECRETEE UTILISEE EN TANT QUE GENE MARQUEUR

(71) **HER MAJESTY IN RIGHT OF CANADA, as represented by THE MINISTER OF AGRICULTURE AND AGRI–FOOD CANADA Central Experimental Farm** [CA/CA]; Ottawa, Ontario K1A 0C6 (CA). **UNIVERSITY OF OTTAWA** [CA/CA]; Research Services, 550 Cumberland, Ottawa, Ontario K1N 6N5 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENKEL, Bernhard, F.** [CA/CA]; 293 Summit Avenue, Ottawa, Ontario K1H 5Z7 (CA). **NGUYEN, Thuy, H.** [CA/CA]; Apartment 1201, 1316 Carling Avenue, Ottawa, Ontario K1Z 7L1 (CA). **AHLUWALIA, Navneet, K.** [CA/CA]; Apartment 901, 1316 Carling Avenue, Ottawa, Ontario K1Z 7L1 (CA). **FALCONER, Marcia, M.** [CA/CA]; 33 Abingdon Drive, Nepean, Ontario K2H 7M5 (CA). **GAVORA, Jan, S.** [CA/CA]; 51 Forest Hill Avenue, Ottawa, Ontario K2C 1P7 (CA). **HICKEY, Donal, A.** [CA/CA]; 36 Burnham Road, Ottawa, Ontario K1S 0J8 (CA). **BENKEL, Kaarina, I.** [CA/CA]; 293 Summit Avenue, Ottawa, Ontario K1H 5Z7 (CA).

(74) **ERRATT, Judy** et al. / etc.; Gowling, Strathy & Henderson, Suite 2600, 160 Elgin Street, Ottawa, Ontario K1P 1C3 (CA).

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

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(11) **WO 98/49321** (13) A2

(21) PCT/EP98/02491

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/044,980 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/57, A61K 48/00, C12N 15/58**

(54) • ADENOVIRUS–MEDIATED INTRATUMORAL DELIVERY OF AN ANGIOGENESIS ANTAGONIST FOR THE TREATMENT OF TUMORS
• APPORT INTRATUMORAL, INDUIT PAR UN ADENOVIRUS, D'UN ANTAGONISTE D'ANGIOGENESE DESTINE AU TRAITEMENT DE TUMEURS

(71) **RHONE–POULENC RORER S.A.** [FR/FR]; 20, avenue Raymond Aron, F–92160 Antony (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LI, Hong** [–/–]; **–LU, He** [–/–]; **–GRISCELLI, Franc** [–/–]; **–OPOLON, Paule** [–/–]; **–SORIA, Claudine** [–/–]; **–RAGOT, Thierry** [–/–]; **–LEGRAND, Yves** [–/–]; **–SORIA, Jeannette** [–/–]; **–MABILAT, Christelle** [–/–]; **–PERRICAUDET, Michel** [–/–]; **–YEH, Patrice** [–/–]; –

(74) **DERNONCOUR, Roxane**; Rhone–Poulenc Rorer S.A., Direction Brevets, 20, avenue Raymond Aron, F–92165 Antony Cedex (FR).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49322** (13) A1

(21) PCT/IB98/00625

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 966/97 (32) **26 Apr/avr 1997** (33) CH **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/57, 9/64, A61K 31/70, 38/48, C12Q 1/37, A61K 48/00, C07K 16/40, C12N 15/00, A01K 67/027, C12Q 1/68**

(54) • NEUROTRYPSIN
• NEUROTRYPSINE

(71, 72) **SONDEREGGER, Peter** [CH/CH]; Biochemisches Institut Universität Zürich, Winterthurerstrasse 190, CH–8057 Zürich (CH).

(74) **ZINK–WILD, Markus, Peter**; Patentanwaltsbüro Zink, Birchlistrasse 11, CH–8173 Riedt–Neerach (CH).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO RU SG SI SK SL TR TT UA US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49323** (13) A1

(21) PCT/US98/08498

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,408 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/57, 9/64, 5/10, G01N 33/573, C07K 16/40, C12N 5/24, C12Q 1/68, 1/37**

(54) • FORMS OF PROSTATE SPECIFIC ANTIGEN AND METHODS FOR THEIR DETECTION
• FORMES D'ANTIGENE A SPECIFICITE PROSTATIQUE (ASP) ET LEURS PROCEDES DE DETECTION

(71) **HYBRITECH INCORPORATED** [US/US]; 8958 Terman Court, P.O. Box 269006, San Diego, CA 92196–9006 (US).

(72) **SAEDI, Mohammad, S.**; 7898 Hendricks, San Diego, CA 92126 (US). **MIKOLAJCZYK, Stephen, D.**; 4052 Conrad Avenue, San Diego, CA 92117 (US). **KUMAR, Abhay**; 7675 Palmilla #6223, San Diego, CA 92122 (US). **GRAUER, Lana, S.**; 13686 Glencliff Way, San Diego, CA 92130 (US). **WOLFERT, Robert, L.**; 10495 Canyon Lake Drive, San Diego, CA 92131 (US). **RITTENHOUSE, Harry, G.**; 13972 Mercado Drive, Del Mar, CA 92014 (US).

(74) **MAY, William, H.** et al. / etc.; Beckman Coulter, Inc., 4300 N. Harbor Boulevard, P.O. Box 3100, Fullerton, CA 92834–3100 (US).

(81) AU CA CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49324** (13) A2

(21) PCT/EP98/02593

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 9708851.2 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(31) 9801719.7 (32) **27 Jan/jan 1998** (33) GB **(27.01.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/61, 9/90, C12Q 1/68, G01N 33/68, A61K 38/52, 39/395, A01K 67/027**

(54) • CARBOHYDRATE–DEFICIENT GLYCOPROTEIN SYNDROME TYPE I
• SYNDROME DE TYPE 1 CONSECUTIF A UNE DEFICIENCE GLUCIDIQUE DE LA GLYCOPROTEINE

(71) **GENZYME LIMITED** [GB/GB]; 37 Hollands Road, Haverhill, Suffolk CB9 8PU (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATTHIJS, Gert** [BE/BE]; University OF Leuven, Center for Human Genetics, Campus Gasthuisberg, Herestraat 49, B–3000 Leuven (BE).

(74) **FROUD, Clive** et al. / etc.; Elkington and Fife, Prospect House, 8 Pembroke Road, Sevenoaks, Kent TN13 1XR (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49325** (13) A1

(21) PCT/CA98/00385

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,911 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/62, 15/85, 5/10, G01N 33/68**

(54) • REPORTER FUSION PROTEINS, EXPRESSION VECTORS AND TRANSFECTED CELL LINES THEREOF FOR THE ANALYSIS OF NUCLEAR TRANSPORT
• PROTEINES HYBRIDES DE MARQUAGE, VECTEURS D'EXPRESSION ET LIGNEES CELLULAIRES TRANSFECTEES DE CES PROTEINES DESTINES A L'ANALYSE DU TRANSPORT DU NOYAU

(71) **McGILL UNIVERSITY** [CA/CA]; 845 Sherbrooke Street West, Montréal, Québec H3A 1B1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOCHAJ, Ursula** [DE/CA]; 1100 Dr. Penfield Street #601, Montréal, Québec H3A 1A8 (CA).

(74) **COTÉ, France**; Swabey Ogilvy Renault, Suite 1600, 1981 McGill College Avenue, Montréal, Québec H3A 2Y3 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49326** (13) A1

(21) PCT/CA98/00398

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/044,254 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/62, 15/15, C07K 14/815, 14/61, C12N 9/50, 15/57, A61K 38/58, 38/27, A23L 1/305**

(54) • METHOD FOR CLEAVAGE OF FUSION PROTEINS
• PROCEDE DE CLIVAGE DE PROTEINES HYBRIDES

(71) **SEMBIOSYS GENETICS INC.** [CA/CA]; Suite 204, 609–14 Street N.W., Calgary, Alberta T2N 2A1 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOLONEY, Maurice** [IE/CA]; 34 Edgebrook Cove, N.W., Calgary, Alberta T3A 5N5 (CA). **ALCANTARA, Joenel** [CA/CA]; 3 Castledale Place N.E., Calgary, Alberta T3J 1Y4 (CA). **VAN ROOIJEN, Gijs** [NL/CA]; 3223 Bearspaw Drive N.W., Calgary, Alberta T2L 1T1 (CA).

(74) **BERESKIN & PARR**; 40th Floor, 40 King Street West, Toronto, Ontario M5H 3Y2 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49327** (13) A1

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(22) **27 Apr/avr 1998 (27.04.1998)**

(25) es (26) es

(31) 47/97 (32) **28 Apr/avr 1997** (33) CU **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/62, 15/31, C07K 14/245, G01N 33/555, C07K 14/16**

(54) • RECOMBINANT FUSION PROTEINES BASED ON BACTERIAL ADHESINES FOR DIAGNOSTIC ASSAYS
• PROTEINES DE FUSION RECOMBINANTES BASEES SUR DES ADHESINES BACTERIENNES POUR DOSAGES DIAGNOSTIQUES

(71) **ENTRO DE INGENIERIA GENETICA Y BIOTECNOLOGIA (CIG B)** [CU/CU]; Avenida 31 entre 158 y 190, Cubanacán, Playa, Ciudad Habana 10600 (CU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUEÑAS PORTO, Marta, G.** [CU/CU]; Calle 186 No. 3115 entre 31 y 33, Playa, Ciudad Habana 10600 (CU). **AYALA AVILA, Marta** [CU/CU]; Calle 186 No. 3115 entre 31 y 33, Playa, Ciudad Habana 10600 (CU). **GAVILONDO COWLEY, Jorge V** [CU/CU]; Apartamento 11, Calle G 460 entre 19 y 21 Plaza, Ciudad Habana 10400 (CU). **FREYRE ALMEIDA, Freya M.** [CU/CU]; Calle 186 No. 3115 entre 31 y 33, Playa, Ciudad Habana 10600 (CU). **BELL GARCÍA, Hansell** [CU/CU]; Apartamento 16, Calle 62 No. 906 entre 9 y 11, Playa, Ciudad Habana 12100 (CU).

(74) **VAZQUEZ CASTILLO, Mariela**; Avenida 31 entre 158 y 190, Cubanacán, Playa, Ciudad Habana 10600 (CU).

(81) AU CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49328** (13) A1

(21) PCT/GB98/01051

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708452.9 (32) **26 Apr/avr 1997** (33) GB **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/75, 9/28, 1/21, C12R 1/125 // C12N 9/56**

(54) • IMPROVED PROKARYOTIC EXPRESSION OF PROTEIN
• EXPRESSION PROCARYOTIQUE AMELIOREE DE PROTEINES

(71) **THE UNIVERSITY OF NEWCASTLE** [GB/GB]; 18 Windsor Terrace, Jesmond, Newcastle upon Tyne NE2 4HE (GB). **NOVO NORDISK A/S** [DK/DK]; Novo Alle, DK–2880 Bagsværd (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARWOOD, Colin, Robert** [GB/GB]; The University of Newcastle, School of Microbiology, Framlington Place, Newcastle upon Tyne NE2 1HH (GB). **STEVENSON, Keith** [GB/GB]; The University of Newcastle, School of Microbiology, Framlington Place, Newcastle upon Tyne NE2 1HH (GB). **JØRGENSEN, Steen** [DK/DK]; Novo Nordisk a/s, Novo Alle, DK–2880 Bagsværd (DK). **HANSEN, Christina** [DK/DK]; Novo Nordisk a/s, Novo Alle, DK–2880 Bagsværd (DK). **KRISTENSEN, Tina** [DK/DK]; Novo Nordisk a/s, Novo Alle, DK–2880 Bagsværd (DK).

(74) **MARKGRAAF PATENTS LIMITED**; The Crescent, 54 Blossom Street, York YO24 1AP (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **16 Apr/avr 1998 (16.04.1998)**

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(31) 197 18 251.8 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/82, C07K 16/44, C12N 15/13, A01H 5/00, A01N 63/00**

(54) • EXPRESSION OF FUNGICIDE–BINDING POLYPEPTIDES IN PLANTS FOR PRODUCING FUNGICIDE TOLERANCE
• EXPRESSION DE POLYPEPTIDES LIANT LES FONGICIDES DANS DES PLANTES POUR PROVOQUER UNE TOLERANCE AUX FONGICIDES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D–67056 Ludwigshafen (DE).
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(72, 75) **AMMERMANN, Eberhard** [DE/DE]; Von–Gagern–Strasse 2, D–64646 Heppenheim (DE). **BUTTERFIELD, Earle** [US/DE]; Albert–Einsteiner–Weg 39, D–67117 Limburgerhof (DE). **LERCHL, Jens** [DE/DE]; Im Steg 36, D–68526 Ladenburg (DE). **LORENZ, Gisela** [DE/DE]; Erlenweg 13, D–67434 Neustadt (DE). **MÖLLER, Achim** [DE/DE]; Im Zaunrücken 10, D–67269 Grünstadt (DE). **RABE, Udo** [DE/DE]; Wachenheimer Strasse 2, D–67125 Dannstadt–Schauernheim (DE). **SCHMIDT, Ralf–Michael** [DE/DE]; Am Schloßgarten 9 d, D–67489 Kirrweiler (DE). **CONRAD, Udo** [DE/DE]; Corrensstrasse 3, D–06466 Gatersleben (DE).

(74) **BASF AKTIENGESELLSCHAFT**; D–67056 Ludwigshafen (DE).

(81) AL AU BG BR BY CA CN CZ GE HU ID IL JP KR KZ LT LV MX NO NZ PL RO RU SG SI SK TR UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **27 Apr/avr 1998 (27.04.1998)**

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(31) 197 17 656.9 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/82, 9/00, 1/19, C07K 16/16, C12Q 1/68, G01N 33/53, A01H 5/00**

(54) • DNA SEQUENCES CODING FOR SUBUNIT CHLD OF PLANT MAGNESIUM CHELATASES FOR DETERMINING THEIR ACTION
• SEQUENCES D'ADN CODANT POUR LA SOUS–UNITE CHLD DE CHELATASES VEGETALES DE MAGNESIUM POUR DETERMINER LEURS EFFETS

(71) **HOECHST SCHERING AGREVO GMBH** [DE/DE]; Miraustrasse 54, D–13509 Berlin (DE).
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(72, 75) **GRIMM, Bernhard** [DE/DE]; Corrensstrasse 2, D–06466 Gatersleben (DE). **PAPENBROCK, Jutta** [DE/DE]; Hegebläch 31, D–30419 Hannover (DE). **HÄNEL, Frank** [DE/DE]; Schrödingerstrasse 43, D–07745 Jena (DE). **GRÄFE, Susanna** [DE/DE]; Hermann–Löns–Strasse 43, D–07745 Jena (DE). **SCHMIDT, Frank** [DE/DE]; Letzter Hasenpfad 8, D–60598 Frankfurt (DE). **STREBER, Wolfgang** [DE/DE]; Eichenstrasse 7, D–65812 Bad Soden (DE).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49331** (13) A1

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(22) **27 Apr/avr 1998 (27.04.1998)**

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(31) 97201254.6 (32) **29 Apr/avr 1997 (29.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/82, 15/56, 9/24, A01N 63/00**

(54) • ANTIFUNGAL COMPOSITION CONTAINING BETA–(1,6)–GLUCANASE, AND HOSTS INCORPORATING SAME
• COMPOSITION ANTIFONGIQUE CONTENANT BETA–(1,6)–GLUCANASE ET HOTES COMPRENANT CELLE–CI

(71) **MOGEN INTERNATIONAL N.V.** [NL/NL]; Einsteinweg 97, NL–2333 CB Leiden (NL).
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(72, 75) **STUIVER, Maarten, Hendrik** [NL/NL]; Groenhoevelaan 71, NL–2343 BR Oegstgeest (NL). **LAGEWEG, Wessel** [NL/NL]; Speet 33, NL–1141 BX Monnickendam (NL). **VAN DEVENTER–TROOST, Johanna, Pieternella, Els** [NL/NL]; Justus van Schoonhovenstraat 49, NL–2613 NX Delft (NL). **CUSTERS, Jerome, Hubertus, Henricus, Victor** [NL/NL]; Nieuwstraat 25 d, NL–2312 KA Leiden (NL).

(74) **VAN WEZENBEEK, L., A., C., M.**; Mogen International N.V., Einsteinweg 97, NL–2333 CB Leiden (NL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 60/045,121 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 09/056,418 (32) **7 Apr/avr 1998 (07.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/82, 5/10, C12Q 1/68, A01H 5/00**

(54) • AGROBACTERIUM MEDIATED TRANSFORMATION OF SORGHUM
• TRANSFORMATION DU SORGHO PAR L'AGROBACTERIE

(63) US 60/045,121 (CON) 30 Apr/avr 1997 (30.04.1997)
US 09/056,418 (CON) 7 Apr/avr 1998 (07.04.1998)

(71) **PIONEER HI–BRED INTERNATIONAL, INC.** [US/US]; 800 Capital Square, 400 Locust Street, Des Moines, IA 50319 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAI, Tishu** [CN/US]; 1426 Westmeade Drive, Chesterfield, MO 63017 (US). **PIERCE, Dorothy, A.** [US/US]; 9124 Hammontree Drive, Urbandale, IA 50322–7427 (US). **TAGLIANI, Laura, A.** [US/US]; 4797 N.W. 65th Avenue, Johnston, IA 50131 (US). **ZHAO, Zuo–Yu** [CN/US]; 4866 84th Street, Urbandale, IA 50322 (US).

(74) **SPRUILL, W., Murray** et al. / etc.; Bell Seltzer Intellectual Property Law Group, Alston & Bird LLP, P.O. Drawer 34009, Charlotte, NC 28234 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49333** (13) A2

(21) PCT/GB98/01198

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708526.0 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/85, 15/56, A01K 67/027, A61K 48/00, 31/70**

(54) • EUKARYOTIC GENE EXPRESSION CASSETTE AND USES THEREOF
• CASSETTE D'EXPRESSION GENETIQUE EUCARYOTE ET SES UTILISATIONS

(71) **ROYAL FREE HOSPITAL SCHOOL OF MEDECINE** [GB/GB]; Rowland Hill Street, London NW3 2PF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOLDSPINK, Geoffrey** [GB/GB]; Royal Free Hospital School of Medicine, Dept. of Anatomy and Development Biology, Division of Basic Medical Science, Rowland Hill Street, London NW3 2PF (GB).

(74) **CRESSWELL, Thomas, Antony**; J.A. Kemp & Co., Gray's Inn, 14 South Square, London WC1R 5LX (GB).

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

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(11) **WO 98/49334** (13) A1

(21) PCT/FR98/00849

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05203 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/86, 15/11 // 15/67**

(54) • NOVEL INTERNAL RIBOSOME ENTRY SITE AND VECTOR CONTAINING SAME
• NOUVEAU SITE INTERNE D'ENTREE DES RIBOSOMES ET VECTEUR LE CONTENANT

(71) **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)** [FR/FR]; 101, rue de Tolbiac, F–75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOPEZ LASTRA, Marcelo** [CL/FR]; 34, rue de Bourg, F–69007 Lyon (FR). **GABUS–DARLIX, Caroline** [FR/FR]; 11, les Genêts, F–69630 Chaponost (FR). **DARLIX, Jean–Luc** [FR/FR]; 11, les Genêts, F–69630 Chaponost (FR).

(74) **MARTIN Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 97/05420 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/86, 15/12, C07K 14/475, C12N 15/48, C07K 14/15, C12N 15/62, C07K 19/00, C12N 5/10, C07K 16/22, G01N 33/50, 33/58, A61K 39/21, 48/00**

(54) • CONSTRUCT AND EXPRESSION OF A RETROVIRUS CHIMERICAL ENVELOPE BY VECTORS, AND PHARMACEUTICAL COMPOSITIONS CONTAINING SAME
• CONSTRUCTION ET EXPRESSION D'ENVELOPPE CHIMERIQUE DE RETROVIRUS PAR DES VECTEURS, ET COMPOSITIONS PHARMACEUTIQUES LES CONTENANT

(71) **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)** [FR/FR]; 101, rue de Tolbiac, F–75013 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEBER, Anne** [FR/FR]; 19, rue Croulebarbe, F–75013 Paris (FR). **NGUYEN, Tuan** [FR/FR]; 4, avenue Georges Pompidou, F–92800 Puteaux (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49336** (13) A1

(21) PCT/US98/08457

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/848,539 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 09/049,544 (32) **27 Mar/mar 1998 (27.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/86, 5/10, A01K 67/027, C07K 14/435**

(54) • METASTASIS MODELS USING GREEN FLUORESCENT PROTEIN (GFP) AS A MARKER
• METASTASES MODELES UTILISANT UNE PROTEINE FLUORESCENTE VERTE (GFP) COMME MARQUEUR

(71) **ANTICANCER, INC.** [US/US]; 7917 Ostrow Street, San Diego, CA 92111 (US).

(72) **TAN, Yuying**; 7575 Linda Vista Road #95, San Diego, CA 92111 (US). **CHISHIMA, Takashi**; 2–14–30 Marigaoka Isogo–ku, Yokohama 235–0024 (JP).

(74) **MURASHIGE, Kate, H.** et al. / etc.; Morrison & Foerster LLP, 2000 Pennsylvania Avenue, N.W., Washington, DC 20006–1888 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,248 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 08/944,934 (32) **2 Oct/oct 1997 (02.10.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12N 15/87, 15/53, 1/21, 9/02, C12Q 1/18, 1/66, C12M 1/34, 1/36, C02F 3/12, G01N 33/18, C12N 15/74 // (C12Q 1/18, C12R 1:01, 1:38)**

(54) • BIOLUMINESCENT REPORTER BACTERIUM AND METHODS FOR TOXICITY MONITORING IN BIOLOGICAL WASTEWATER TREATMENT SYSTEMS
• BACTERIE DE MARQUAGE BIOLUMINESCENTE ET PROCEDES DE SURVEILLANCE DE TOXICITE DANS DES SYSTEMES DE TRAITEMENT D'EAUX USEES BIOLOGIQUES

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

(72) **LAJOIE, Curtis, A.**; 201 Caney Creek Road, Tockwood, TN 37854 (US). **KELLY, Christine, Jo**; 3050 Kiser Road, Philadelphia, TN 27846 (US). **LAYTON, Alice, C.**; 1620 Colonade Road, Knoxville, TN 37922 (US). **SAYLER, Gary, S.**; Route 2, Box 60 McKinney Road, Blain, TN 37709 (US).

(74) **SPRATT, Gwendolyn, D.** et al. / etc.; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).

(81) AU BR CA CN ID JP KR MX RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,175 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12P 21/00, C12Q 1/68, C12N 9/12**

(54) • BACTERIAL INTERACTION SCREENING SYSTEM
• SYSTEME DE CRIBLAGE D'INTERACTIONS BACTERIENNES

(71) **THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104–3246 (US).
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(72, 75) **KLEIN, Peter, S.** [US/US]; 1333 Morris Road, Wynnewood, PA 19096 (US).

(74) **LEARY, Kathryn** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., One Commerce Square, 22nd floor, 2005 Market Street, Philadelphia, PA 19103–7086 (US).

(81) AU CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/112409 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 10/77484 (32) **25 Mar/mar 1998 (25.03.1998)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12P 41/00**

(54) • PROCESS FOR PRODUCING OPTICALLY ACTIVE COMPOUNDS
• PROCEDE DE PRODUCTION DE COMPOSES OPTIQUEMENT ACTIFS

(71) **DAISO CO., LTD.** [JP/JP]; 10–8, 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) **NAKAMURA, Kaoru** [JP/JP]; 583, Kansan–Tachibana–cho, Karasuma–Ichijoagaru, Kamigyo–ku, Kyoto–shi, Kyoto 602–0903 (JP). **TAKENAKA, Keishi** [JP/JP]; Daiso Co., Ltd., 9, Otakasu–cho, Amagasaki–shi, Hyogo 660–0842 (JP). **OHNO, Atsuyoshi** [JP/JP]; 5–106, Kitayama 1–66, Hirakata–shi, Osaka 573–0171 (JP). **FURUKAWA, Yoshiro** [JP/JP]; Daiso Co., Ltd., 9, Otakasu–cho, Amagasaki–shi, Hyogo 660–0842 (JP).

(74) **KISHIMOTO, Einosuke** et al. / etc.; Inaba Building, 3rd floor, 13–18, Nishishinsaibashi 1–chome, Chuo–ku, Osaka–shi, Osaka 542–0086 (JP).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49340** (13) A1

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(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) PO 6529 (32) **30 Apr/avr 1997 (30.04.1997)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, C12M 1/02, 1/38, B01L 7/00, B04B 7/00, 11/00, 15/00**

(54) • TEMPERATURE CYCLING DEVICE AND METHOD
• DISPOSITIF ET PROCEDE D'ETABLISSEMENT DE CYCLE

(71, 72) **CORBETT, John, Michael** [AU/AU]; 39 Renwick Street, Drummoyne, Sydney, NSW 2047 (AU). **CORBETT, John, Michael, Jr.** [AU/AU]; 5/24 Yarranabee Road, Darling Point, Sydney, NSW 2027 (AU).

(81) AU CA JP NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49341** (13) A2

(21) PCT/GB98/01233

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708606.0 (32) **28 Apr/avr 1997 (28.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68**

(54) • POLYNUCLEOTIDE SEQUENCING USING SEMI–DEGENERATE PRIMERS
• SEQUENÇAGE D'UN POLYNUCLEOTIDE AU MOYEN D'AMORCES SEMIDEGENEREES

(71, 72) **WEBSTER, Andrew** [GB/US]; 1190 East Court Road, Iowa City, IA 52240 (US).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49342** (13) A1

(21) PCT/GB98/01261

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 972006 (32) **30 Apr/avr 1997 (30.04.1997)** (33) NO

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68**

(54) • METHOD OF PREPARING A STANDARD DIAGNOSTIC GENE TRANSCRIPT PATTERN
• PROCEDE SERVANT A PREPARER UN TYPE STANDARD DE PRODUIT DE TRANSCRIPTION GENETIQUE DE DIAGNOSTIC

(71) **FORSKNINGSPARKEN I ÅS AS** [NO/NO]; Sagabygget, N–1432 As (NO).
(for all designated States except / pour tous les États désignés sauf US)

(71) **COCKBAIN, Julian, Roderick, Michaelson** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)

(72, 75) **SHARMA, Praveen** [IN/NO]; Bentsegata 10, N–0465 Oslo (NO). **LÖNNEBORG, Anders** [SE/NO]; Feltspatveien 14, N–1430 Aas (NO).

(74) **COCKBAIN, Julian, Roderick, Michaelson** et al. / etc.; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(25) en (26) en

(31) 08/841,166 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, C12N 15/67**

(54) • METHODS OF IDENTIFYING TRANSITION METAL COMPLEXES THAT SELECTIVELY CLEAVE REGULATORY ELEMENTS OF MRNA AND USES THEREOF
• METHODES D'IDENTIFICATION DE COMPLEXES DE METAUX DE TRANSITION CLIVANT SELECTIVEMENT LES ELEMENTS REGULATEURS D'ARNM ET LEURS UTILISATIONS

(71) **NORTH CAROLINA STATE UNIVERSITY** [US/US]; 1 Holladay Hall, Raleigh, NC 27695–7003 (US).

(72) **THEIL, Elizabeth, C.**; 3057 Wycliff Road, Raleigh, NC 27607 (US).

(74) **DAVIS, Michael, D.** et al. / etc.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 08/848,553 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, G01N 33/551, 33/558, 33/569**

(54) • METHOD AND APPARATUS FOR ANALYZING NUCLEIC ACIDS
• METHODE ET APPAREIL D'ANALYSE D'ACIDES NUCLEIQUES

(71) **LOCKHEED MARTIN ENERGY RESEARCH CORPORATION** [US/US]; Oak Ridge National Laboratory, 7001 Scarboro Road, P.O. Box 2009, Oak Ridge, TN 37831–8243 (US).

(72) **RAMSEY, J., Michael**; 733 Hampton Road, Knoxville, TN 37922 (US). **FOOTE, Robert, S.**; 105 Elliott Circle, Oak Ridge, TN 37380 (US).

(74) **HAGAN, Patrick, J.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103–2307 (US).

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

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(31) 60/045,078 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, G01N 33/53, C12P 19/34**

(54) • METHODS AND COMPOSITIONS FOR TARGETED DNA DIFFERENTIAL DISPLAY
• PROCEDES ET COMPOSITIONS UTILES POUR L'AFFICHAGE DIFFERENTIEL D'ADN CIBLES

(63) US 60/045,078 (CIP)
29 Apr/avr 1997 (29.04.1997)

(71) **TRUSTEES OF BOSTON UNIVERSITY** [US/US]; 147 Bay State Road, Boston, MA 02215 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SMITH, Cassandra, L.** [US/US]; 11 Bay State Road #6, Boston, MA 02115 (US).

(74) **CARROLL, Peter, G.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM GW HU ID 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 60/045,228 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, C12N 9/22, C07H 21/04**

(54) • ENZYMATIC DNA MOLECULES
• MOLECULES D'ADN ENZYMATIQUES

(63) US 60/045,228 (CIP)
29 Apr/avr 1997 (29.04.1997)

(71) **THE SCRIPPS RESEARCH INSTITUTE** [US/US]; 10550 North Torrey Pines Road, La Jolla, CA 92037 (US).
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(72, 75) **JOYCE, Gerald, F.** [US/US]; 837 4th Street, Encinitas, CA 92024 (US). **BREAKER, Ronald, R.** [US/US]; 133 Weatherly Trail, Guilford, CT 06437 (US).

(74) **FITTING, Thomas** et al. / etc.; The Scripps Research Institute, 10550 North Torrey Pines Road, TPC–8, La Jolla, CA 92037 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49347** (13) A1

(21) PCT/US98/08746

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,153 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, A61B 1/04**

(54) • METHODS AND MATERIALS FOR DETECTION OF GENE TRANSFER AND EXPRESSION
• PROCEDES ET MATIERES PERMETTANT DE DETECTER LE TRANSFERT ET L'EXPRESSION GENIQUES

(71) **UNIVERSITY OF FLORIDA** [US/US]; 186 Grinter Hall, Gainesville, FL 32611 (US).

(72) **FLOTTE, Terence, Robin**; Box 100266, Gainesville, FL 32610 (US). **POTTER, Mark**; Box 100266, Gainesville, FL 32610 (US). **ZOLOTUKHIN, Sergei**; Box 100266, Gainesville, FL 32610 (US). **MUZYCZKA, Nicholas**; Box 100266, Gainesville, FL 32610 (US).

(74) **PACE, Doran, R.** et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A–1, 2421 NW 41st Street, Gainesville, FL 32606 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 08/847,151 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, C12N 15/00, 15/63, 5/06, C07H 21/00, 21/04, A61K 48/00**

(54) • OLIGONUCLEOTIDES FOR ENHANCED BIOAVAILABILITY
• OLIGONUCLEOTIDES PRESENTANT UNE MEILLEURE BIODISPONIBILITE

(63) US 08/847,151 (CIP)
30 Apr/avr 1997 (30.04.1997)

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US).
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(72, 75) **DEAN, Nicholas, M.** [GB/US]; 1614 Landquist Drive, Encinitas, CA 92024 (US). **BENNETT, C., Frank** [US/US]; 1347 Cassing Street, Carlsbad, CA 92009 (US). **MONIA, Brett, P.** [US/US]; 7605 Nueva Castilla Way, Carlsbad, CA 92009 (US). **DRAPER, Kenneth** [US/US]; 4619 Cloud Street, Boulder, CO 80301 (US). **ANDERSON, Kevin, P.** [US/US]; 2772 La Gran Via, Carlsbad, CA 92009 (US). **BAKER, Brenda, F.** [US/US]; 3164 Arroyo Vista, Carlsbad, CA 92009 (US). **ECKER, David, J.** [US/US]; 1041 Saxony Road, Encinitas, CA 92024 (US).

(74) **CALDWELL, John, W.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49349** (13) A1

(21) PCT/US98/08800

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/848,840 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, C12P 19/34, C07H 19/16, 19/167, 19/173, 19/067, 19/06, 19/09, 21/04, A61K 48/00**

(54) • ANTISENSE INHIBITION OF ras GENE WITH CHIMERIC AND ALTERNATING OLIGONUCLEOTIDES
• INHIBITION ANTISENS DU GENE ras A L'AIDE D'OLIGONUCLEOTIDES CHIMERIQUES ET A LIAISONS ALTERNEES

(71) **ISIS PHARMACEUTICALS, INC.** [US/US]; 2292 Faraday Avenue, Carlsbad, CA 92008 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ECKER, David, J.** [US/US]; 1041 Saxony Road, Encinitas, CA 92024 (US). **COOK, Philip, Dan** [US/US]; 6526 Via Barona, Carlsbad, CA 92009 (US). **MONIA, Brett, P.** [US/US]; 7605 Neuva Castilla Way, La Costa, CA 92009 (US). **FREIER, Susan, M.** [US/US]; 2946 Renault Street, San Diego, CA 92122 (US). **SANGHVI, Yogesh, S.** [US/US]; 2169 Wandering Road, Encinitas, CA 92024 (US).

(74) **CALDWELL, John, W.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49350** (13) A1

(21) PCT/US98/08834

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,288 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 60/054,837 (32) **5 Aug/août 1997** (33) US **(05.08.1997)**

(31) 60/064,996 (32) **10 Nov/nov 1997** (33) US **(10.11.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/68, A61K 48/00, C07H 21/04**

(54) • *IN VIVO* USE OF RECOMBINAGENIC OLIGONUCLEOBASES TO CORRECT GENETIC LESIONS IN HEPATOCYTES
• UTILISATION *IN VIVO* D'OLIGONUCLEOBASES RECOMBINAGENES POUR CORRIGER LES LESIONS GENETIQUES DES HEPATOCYTES

(72, 75) **REGENTS OF THE UNIVERSITY OF MINNESOTA** [US/US]; 1100 Washington Avenue South, Minneapolis, MN 55415–1226 (US). **STEER, Clifford, J.** [US/US]; 1924 Pinehurst Avenue, St. Paul, MN 55116–1339 (US). **KREN, Betsy, T.** [US/US]; 810 29th Avenue S., Minneapolis, MN 55454 (US). **BANDYOPADHYAY, Paramita, T.** [IN/US]; 1062B 27th Avenue S.E., Minneapolis, MN 55414 (US).

(74) **HANSBURG, Daniel**; Kimeragen, Inc., 300 Pheasant Run, Newtown, PA 18940 (US) et al. / etc.

(81) AL AM AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KP KR LC LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK SL TR TT UA US UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **28 Apr/avr 1998 (28.04.1998)**

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(31) 08/840,344 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C12Q 1/70, 1/68, C07H 21/00**

(54) • METHODS AND REAGENTS FOR RAPID DIAGNOSIS OF DENGUE VIRUS INFECTION
• PROCEDES ET REACTIFS DE DIAGNOSTIC RAPIDE DE L'INFECTION PAR LE VIRUS DE LA DENGUE

(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; 26th floor, One Beacon Street, Boston, MA 02108 (US).

(72) **ENNIS, Francis, A.**; 12 Olde Colony Drive, Shrewsbury, MA 01545 (US). **SUDIRO, T., Mirawati**; Jalan Cibulan 3 No. 1, Jakarta 12170 (ID). **ISHIKO, Hiroaki**; 1–601, Aimu Fujimino Nishi, 3369 Katsuse, Fujimi, Saitama 354 (JP).

(74) **FASSE, J., Peter**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110–2804 (US).

(81) AU CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49352** (13) A1

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(22) **17 Apr/avr 1998 (17.04.1998)**

(25) de (26) de

(31) 197 18 136.8 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C21B 13/00**

(54) • METHOD FOR THERMAL TREATMENT OF GRANULATED IRON ORE BEFORE REDUCTION
• PROCEDE DE TRAITEMENT THERMIQUE DE MINERAI DE FER GRANULE AVANT REDUCTION

(71) **METALLGESELLSCHAFT AKTIENGESELLSCHAFT** [DE/DE]; Bockenheimer Landstrasse 73 – 77, D–60325 Frankfurt am Main (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **BEYZAVI, Ali** [IR/DE]; Peter–Henlein–Strasse 22, D–60435 Frankfurt am Main (DE). **HIRSCH, Martin** [DE/DE]; Am Vogelschutz 5, D–61381 Friedrichsdorf (DE).

(74) **METALLGESELLSCHAFT AKTIENGESELLSCHAFT**; Bockenheimer Landstrasse 73 – 77, D–60325 Frankfurt am Main (DE).

(81) AU BR CA ID KR MX RU TT UA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **12 Feb/fév 1998 (12.02.1998)**

(25) ru (26) ru

(31) 97102406 (32) **14 Feb/fév 1997** (33) RU **(14.02.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C21C**

(54) • METHOD FOR MELTING STEEL IN A CONVERTER
• PROCEDE DE FONTE D'ACIER DANS UN CONVERTISSEUR

(71, 72) **NIKOLAEV, Anatoly Lukich** [RU/RU]; ul. Toliyatty, 42–14, Kemerovskaya obl., Novokuznetsk, 654080 (RU). **NIKOLAEV, Alexandr Anatolievich** [RU/RU]; ul. Toliyatty, 42–14, Kemerovskaya obl., Novokuznetsk, 654080 (RU).

(74) **STOLYAROVA, Irina A.**; ul. Velozavodskaya, 6–49, Moscow, 109280 (RU).

(81) BR CN JP KR MX SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49354** (13) A1

(21) PCT/DE98/01026

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) de (26) de

(31) 197 17 615.1 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C21D 11/00, B22D 11/22**

(54) • METHOD AND DEVICE FOR COOLING METALS IN A STEEL WORKS
• PROCEDE ET DISPOSITIF POUR REFROIDIR DES METAUX DANS UNE USINE METALLURGIQUE

(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) **HÖHFELD, Markus** [DE/DE]; Paul–Meisel–Weg 4, D–81373 München (DE). **REIN, Rolf–Martin** [DE/DE]; Östliche Waldringstrasse 18, D–90756 Fürth (DE). **RUGE, Thomas** [DE/DE]; Heidelbergerstrasse 14, D–80804 München (DE). **GRAMCKOW, Otto** [DE/DE]; Hofmannstrasse 103, D–91052 Erlangen (DE).

(81) BR CN ID KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(21) PCT/IB98/00807

(22) **28 Apr/avr 1998 (28.04.1998)**

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(31) 197 17 688.7 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22B 7/00, 34/32, F23G 7/00, 5/14, 5/027, B01D 53/64, 53/75, F27D 17/00, B01D 53/46**

(54) • PROCESS AND DEVICE FOR RECOVERING RAW MATERIALS FROM WASTE AND RESIDUES
• PROCEDE ET DISPOSITIF PERMETTANT DE RECUPERER DES MATIERES PREMIERES DANS DES DECHETS ET DES RESIDUS

(71, 72) **KASZAS–SAVOS, Melania** [AT/AT]; Edt 45, A–4594 Steinbach (AT). **KASZAS, Tiberiu** [AT/AT]; Edt 45, A–4594 Steinbach (AT).

(74) **HUDLER, Frank**; Lippert, Stachow, Schmidt & Partner, P.O. Box 19 24 38, D–01282 Dresden (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/845,736 (32) **26 Apr/avr 1997 (26.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22C 1/04**

(54) • VALVE METAL COMPOSITIONS AND METHOD
• COMPOSITIONS ET PROCEDE A BASE DE METAL

(71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109–1806 (US).
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(72, 75) **FIFE, James, A.** [US/US]; 903 Neversink Street, Reading, PA 19606 (US).

(74) **FINNEGAN, Martha, Ann**; Cabot Corporation, 157 Concord Road, P.O. Box 7001, Billerica, MA 01821–7001 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49357** (13) A1

(21) PCT/US98/08841

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,289 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 08/994,733 (32) **19 Dec/déc 1997 (19.12.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22C 14/00**

(54) • TITANIUM CRYSTAL AND TITANIUM
• CRISTAUX DE TITANE ET TITANE

(71) **THE ALTA GROUP, INC.** [US/US]; R.R. 2, Box 710, Marion School Road, Fombell, PA 16123–9403 (US).
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(72, 75) **ROSENBERG, Harry** [US/US]; 9371 Almar Place, Pittsburgh, PA 15237 (US). **WINTERS, Nigel** [GB/GB]; 8357 South Viscounti Drive, Sandy, UT 84093 (US). **XU, Yun** [CN/CN]; 3679 Allendale Circle, Pittsburgh, PA 15204 (US).

(74) **GIOIA, Vincent, G.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109–7068 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/121566 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22C 21/00, 21/06, C23C 22/00, B32B 15/08**

(54) • RESIN–COATED ALUMINUM ALLOY SHEET FOR DRAWN AND IRONED CANS
• FEUILLE D'ALLIAGE D'ALUMINIUM REVETUE DE RESINE, POUR DES BOITES ETIREES ET A PAROIS REDUITES

(71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4–3, Kasumigaseki 1–chome, Chiyoda–ku, Tokyo 100–8911 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIMIZU, Keiichi** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi–ken 744–8611 (JP). **KUNISHIGE, Fumio** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi–ken 744–8611 (JP).

(74) **OHTA, Akio**; Toyo Kohan Co., Ltd., 4–3, Kasumigaseki 1–chome, Chiyoda–ku, Tokyo 100–8911 (JP).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49359** (13) A1

(21) PCT/JP98/01874

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/121567 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22C 21/06, C23C 22/00, B32B 15/08**

(54) • RESIN–COATED ALUMINUM ALLOY SHEET FOR DRAWN AND IRONED CAN
• FEUILLE D'ALLIAGE D'ALUMINIUM REVETUE DE RESINE, POUR DES BOITES ETIREES ET A PAROIS REDUITES

(71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4–3, Kasumigaseki 1–chome, Chiyoda–ku, Tokyo 100–8911 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIMIZU, Keiichi** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi–ken 744–8611 (JP). **KUNISHIGE, Fumio** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi–ken 744–8611 (JP). **SHIRAI, Shinji** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi–ken 744–8611 (JP).

(74) **OHTA, Akio**; Toyo Kohan Co., Ltd., 4–3, Kasumigaseki 1–chome, Chiyoda–ku, Tokyo 100–8911 (JP).

(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 GW HU ID IL 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49360** (13) A1

(21) PCT/JP98/01875

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/121568 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22C 21/06, C23C 22/00, B32B 15/08**

(54) • RESIN–COATED ALUMINUM ALLOY SHEET FOR DRAWN AND IRONED CANS
• FEUILLE D'ALLIAGE D'ALUMINIUM REVETUE DE RESINE, POUR DES BOITES ETIREES ET A PAROIS REDUITES

(71) **TOYO KOHAN CO., LTD.** [JP/JP]; 4–3, Kasumigaseki 1–chome, Chiyoda–ku, Tokyo 100–8911 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIMIZU, Keiichi** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi–ken 744–8611 (JP). **KUNISHIGE, Fumio** [JP/JP]; Toyo Kohan Co., Ltd., Technical Research Laboratory, 1296–1, Higashitoyoi, Kudamatsu–shi, Yamaguchi–ken 744–8611 (JP).

(74) **OHTA, Akio**; Toyo Kohan Co., Ltd., 4–3, Kasumigaseki 1–chome, Chiyoda–ku, Tokyo 100–8911 (JP).

(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 GW HU ID IL 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49361** (13) A1

(21) PCT/EP98/02364

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 97201251.2 (32) **29 Apr/avr 1997 (29.04.1997)** (33) EP

(34) AT et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22C 33/02, B24D 3/06, C22C 38/16**

(54) • PRE–ALLOYED COPPER CONTAINING POWDER, AND ITS USE IN THE MANUFACTURE OF DIAMOND TOOLS
• POUDRE PRE–ALLIEE A BASE DE CUIVRE, ET UTILISATION DE CETTE POUDRE DANS LA FABRICATION D'OUTILS EN DIAMANT

(71) **N.V. UNION MINIERE S.A.** [BE/BE]; Rue du Marais 31, B–1000 Brussels (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STANDAERT, Roger** [BE/BE]; Doffen 21, B–2250 Olen (BE).

(74) **PILATE, André**; n.v. Union Minière s.a., Kasteelstraat 7, B–2250 Olen (BE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(21) PCT/JP98/01924

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(31) 9/112247 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 9/125206 (32) **15 May/mai 1997 (15.05.1997)** (33) JP

(31) 9/196038 (32) **22 Jul/juil 1997 (22.07.1997)** (33) JP

(31) 9/228579 (32) **25 Aug/août 1997 (25.08.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22C 38/00, 38/14, 38/44, 38/54, C21D 8/00, 8/10**

(54) • STEEL MATERIAL HAVING HIGH DUCTILITY AND HIGH STRENGTH AND PROCESS FOR PRODUCTION THEREOF
• ACIER PRESENTANT UNE DUCTILITE ET UNE RESISTANCE ELEVEES ET PROCEDE DE PRODUCTION DE CE MATERIAU

(71) **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) **TOYOOKA, Takaaki** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho 1–chome, Handa–shi, Aichi 475–0832 (JP). **YORIFUJI, Akira** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho 1–chome, Handa–shi, Aichi 475–0832 (JP). **NISHIMORI, Masanori** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho 1–chome, Handa–shi, Aichi 475–0832 (JP). **ITADANI, Motoaki** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho 1–chome, Handa–shi, Aichi 475–0832 (JP). **HASHIMOTO, Yuji** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho 1–chome, Handa–shi, Aichi 475–0832 (JP). **OKABE, Takatoshi** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho 1–chome, Handa–shi, Aichi 475–0832 (JP). **TANAKA, Nobuki** [JP/JP]; Chita Works, Kawasaki Steel Corporation, 1, Kawasakicho 1–chome, Handa–shi, Aichi 475–0832 (JP). **KANAYAMA, Taro** [JP/JP]; Chita Works, Kawasaki Steel Corporation, 1, Kawasakicho 1–chome, Handa–shi, Aichi 475–0832 (JP). **FURUKIMI, Osamu** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo–ku, Chiba–shi, Chiba 260–0835 (JP). **MORITA, Masahiko** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, Kawasakidori 1–chome, Mizushima, Kurashiki–shi, Okayama 712–8074 (JP). **HIRA, Takaaki** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, 1, Kawasakicho, Chuo–ku, Chiba–shi, Chiba 260–0835 (JP). **MATSUOKA, Saiji** [JP/JP]; Technical Research Laboratories, Kawasaki Steel Corporation, Kawasakidori 1–chome, Mizushima, Kurashiki–shi, Okayama 712–8074 (JP).

(74) **OCHIAI, Kenichiro**; Tokyo Head Office, Kawasaki Steel Corporation, Hibiya Kokusai Building, 2–3, Uchisaiwaicho 2–chome, Chiyoda–ku, Tokyo 100–0011 (JP).

(81) BR CN ID KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49363** (13) A1

(21) PCT/IL97/00134

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C22F 1/10, 1/18 // C22K 1:00**

(54) • MANUFACTURE OF TWO–WAY SHAPE MEMORY DEVICES
• FABRICATION DE DISPOSITIFS A MEMOIRE DE FORME DANS LES DEUX SENS

(71) **LITANA LTD.** [IL/IL]; Rabi Akiva Street 15, 58824 Holon (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FLOMENBLIT, Josef** [IL/IL]; Rabi Akiva Street 15/12, 58824 Holon (IL). **BUDIGINA, Nathaly** [IL/IL]; Rabi Akiva Street 15/12, 58824 Holon (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, Tel Aviv 61040 (IL).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49364** (13) A1

(21) PCT/JP98/01927

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/122904 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C23C 4/10, 4/18, 2/00**

(54) • MEMBER FOR MOLTEN METAL BATH, PROVIDED WITH COMPOSITE SPRAYED COATING HAVING EXCELLENT CORROSION RESISTANCE AND PEELING RESISTANCE AGAINST MOLTEN METAL
• ELEMENT POUR BAIN DE METAL EN FUSION, DOTE D'UN REVETEMENT COMPOSITE PULVERISE PRESENTANT UNE EXCELLENTE RESISTANCE A LA CORROSION ET A L'ECAILLAGE AU CONTACT DE METAL EN FUSION

(71) **NIPPON STEEL HARDFACING CO., LTD.** [JP/JP]; 3–8, Yaesu 1–chome, Chuo–ku, Tokyo 103–0028 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATO, Takao** [JP/JP]; Nippon Steel Hardfacing Co., Ltd., 3–8, Yaesu 1–chome, Chuo–ku, Tokyo 103–0028 (JP). **HIROSHIGE, Munetoshi** [JP/JP]; Nippon Steel Hardfacing Co., Ltd., 3–8, Yaesu 1–chome, Chuo–ku, Tokyo 103–0028 (JP). **TARUMI, Kiyohiro** [JP/JP]; Nippon Steel Hardfacing Co., Ltd., 3–8, Yaesu 1–chome, Chuo–ku, Tokyo 103–0028 (JP).

(74) **KISHIDA, Masayuki** et al. / etc.; Room 424, Marunouchi–Yaesu Building, 6–2, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP).

(81) CA KR US; EP (BE CY DE FR GB IT).

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(11) **WO 98/49365** (13) A1

(21) PCT/US98/08787

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,135 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C23C 14/16, 14/58**

(54) • SKELETAL COLUMNAR COATINGS
• REVETEMENTS COLONNAIRES A SQUELETTE

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

(72) **FIGUEROA, Juan, Carlos**; 2119 Westminster Drive, Wilmington, DE 19810 (US). **MATTSON, Ronald, Horace, Jr.**; 108 Holland Drive, Wilmington, DE 19803 (US).

(74) **TESSARI, Joseph, A.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

(11) **WO 98/49366** (13) A1

(21) PCT/US98/08566

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/847,145 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C23C 16/44, B01J 8/24**

(54) • FLUIDIZED BED REACTOR TO DEPOSIT A MATERIAL ON A SURFACE BY CHEMICAL VAPOUR DEPOSITION, AND METHODS OF FORMING A COATED SUBSTRATE THEREWITH
• REACTEUR A LIT FLUIDISE PERMETTANT DE DEPOSER UNE MATIERE SUR UNE SURFACE PAR DEPOT CHIMIQUE EN PHASE VAPEUR, ET PROCEDES DE FORMATION D'UN SUBSTRAT RECOUVERT A L'AIDE DE CELUI–CI

(71) **SRI INTERNATIONAL** [US/US]; 333 Ravenswood Avenue, Menlo Park, CA 94025 (US).

(72) **SANJURJO, Angel**; 15010 Penitencia Creek Road, San Jose, CA 95132 (US). **LAU, Kai–Hung**; 7716 Orogrande Place, Cupertino, CA 95014 (US). **LOWE, David, M.**; 22310 City Center Drive #2124, Hayward, CA 94541 (US). **JIANG, Liqiang**; 4225 Verdigris Circle, San Jose, CA 95134 (US).

(74) **BAROVSKY, Kenneth**; Robins & Associates, Suite 200, 90 Middlefield Road, Menlo Park, CA 94025 (US) et al. / etc.

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

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(11) **WO 98/49367** (13) A1

(21) PCT/US98/06479

(22) **31 Mar/mar 1998 (31.03.1998)**

(25) en (26) en

(31) 60/045,010 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C23C 18/31, B05D 1/18**

(54) • BISMUTH COATING PROTECTION FOR COPPER
• REVETEMENT DE PROTECTION AU BISMUTH POUR CUIVRE

(71) **FRY'S METALS, INC.** [US/US]; 1 Cookson Place, Providence, RI 02903 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MCGRATH, Peter, T.** [GB/US]; 26693 Sotelo, Mission Viejo, CA 92692 (US). **OWEI, Abayomi, I.** [US/US]; 8588 Arrow Route, Rancho Cucamonga, CA 91730 (US).

(74) **SHAPIRO, Mitchell, W.** et al. / etc.; Suite 1701, 1100 Wilson Boulevard, Arlington, VA 22209 (US).

(81) CN JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49368** (13) A1

(21) PCT/DE98/01141

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 17 698.4 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C23G 5/00, B08B 7/00, H05K 3/22, 3/26**

(54) • METHOD AND DEVICE FOR CLEANING AND ACTIVATING ELECTRICALLY CONDUCTIVE STRUCTURES AND CIRCUIT BOARDS
• PROCEDE ET DISPOSITIF POUR LE NETTOYAGE ET L'ACTIVATION DE STRUCTURES OU DE SURFACES DE PLATINES ELECTROCONDUCTRICES

(71) **FRAUNHOFER–GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D–80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LANG, Jürgen, E.** [DE/DE]; Weiler Schafhof 10, D–73230 Kirchheim (DE). **NEIGER, Manfred** [DE/DE]; Reinhold–Schneider–Strasse 71, D–76199 Karlsruhe (DE).

(74) **PFEIFER, Hans–Peter** et al. / etc.; Beiertheimer Allee 19, D–76137 Karlsruhe (DE).

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

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(11) **WO 98/49369** (13) A1

(21) PCT/BE98/00056

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) fr (26) fr

(31) 97106552 (32) **29 Apr/avr 1997** (33) RU **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25B 1/12, 15/00**

(54) • PLANT FOR MANUFACTURING GAS BY ELECTROLYSIS
• INSTALLATION POUR LA FABRICATION DE GAZ PAR ELECTROLYSE

(71) **COMPAGNIE BELGE DE CONSTRUCTION ET D'ENGINEERING** [BE/BE]; 90, avenue W. Churchill, B–1180 Bruxelles (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IZMESTYEV, Alexander Vasilievich** [RU/RU]; 36–45 1st Dachnaya Street, Sarapul, 427900 (RU). **KRASNOPEROV, Viktor** [RU/RU]; 42–9 International Street, Sarapul, 427900 (RU). **KERSCHENBAUM, Vsevolod Yakovlevich** [RU/RU]; 22–481 Mikluho–McLay Street, Moscow, 117437 (RU). **KATS, Ilia** [RU/RU]; 23–305 Lomonosovky pr., Moscow, 117311 (RU). **LAMDON, Semen** [RU/RU]; 5–9–129 Oruzheiny per., Moscow, 125047 (RU).

(74) **CLAEYS, Pierre** et al. / etc.; Gevers Patents, Holidaystraat 5, B–1831 Diegem (BE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49370** (13) A1

(21) PCT/US98/08757

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,289 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 08/994,458 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25C 1/00, 3/28**

(54) • METHOD FOR PRODUCING TITANIUM CRYSTAL AND TITANIUM
• PROCEDE PERMETTANT DE PRODUIRE DES CRISTAUX DE TITANE ET DU TITANE

(71) **THE ALTA GROUP INC.** [US/US]; R.R.2 Box 710, Marion School Road, Fombell, PA 16123–9403 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENBERG, Harry** [US/US]; 9371 Almar Place, Pittsburg, PA 15237 (US). **WINTERS, Nigel** [GB/GB]; 8357 South Viscounti Drive, Sandy, UT 84093 (US). **XU, Yun** [CN/CN]; 3679 Allendale Circle, Pittsburgh, PA 15204 (US).

(74) **GIOIA, Vincent, G.**; Christie, Parker & Hale, P.O. Box 7068, Pasadena, CA 91105 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49371** (13) A1

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(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,289 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 08/994,733 (32) **19 Dec/déc 1997** (33) US **(19.12.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25C 3/28, 7/06**

(54) • APPARATUS FOR PRODUCING TITANIUM CRYSTAL AND TITANIUM
• APPAREIL PERMETTANT DE PRODUIRE DES CRISTAUX DE TITANE ET DU TITANE

(71) **THE ALTA GROUP, INC.** [US/US]; R.R.2, Box 710, Marion School Road, Fombell, PA 16123–9403 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENBERG, Harry** [US/US]; 9371 Almar Place, Pittsburgh, PA 15237 (US). **WINTERS, Nigel** [GB/GB]; 8357 South Viscounti Drive, Sandy, UT 84093 (US). **XU, Yun** [CN/CN]; 3679 Allendale Circle, Pittsburgh, PA 15204 (US).

(74) **GIOIA, Vincent, G.**; Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109–7068 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49372** (13) A1

(21) PCT/FI98/00367

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 971817 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25C 7/06, B66C 13/08**

(54) • GRIPPING DEVICE FOR POSITIONING SHEET–LIKE OBJECTS
• DISPOSITIF DE PREHENSION CONÇU POUR POSITIONNER DES OBJETS DE TYPE FEUILLE

(71) **OUTOKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN–02200 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MARTTILA, Tom** [FI/FI]; Humaljärventie 5, FIN–02400 Kirkkonummi (FI).

(74) **OUTOKUMPU OYJ**; Patent Services, P.O. Box 27, FIN–02201 Espoo (FI).

(81) AU CA CN JP KR MX PL US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49373** (13) A1

(21) PCT/JP97/01490

(22) **30 Apr/avr 1997 (30.04.1997)**

(25) ja (26) ja

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25C 7/06, 3/04**

(54) • METAL MAGNESIUM ELECTROLYZER
• ELECTROLYSEUR PRODUISANT DU MAGNESIUM METALLIQUE

(71) **SUMITOMO SITIX CORPORATION** [JP/JP]; 1, Higashihamacho, Amagasaki–shi, Hyogo 660 (JP). **ALCAN INTERNATIONAL LIMITED** [CA/CA]; 1188 Sherbrooke Street, West, Montreal, Quebec H3A 3G2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMITAHIRA, Takashi** [JP/JP]; Room 509, Royal Chateau Itami, 344, Ikejiri 3–chome, Itami–shi, Hyogo 664 (JP).

(74) **UBUKATA, Motoshige** et al. / etc.; 6–15, Kawaramachi 4–chome, Chuo–ku, Osaka–shi, Osaka 541 (JP).

(81) AU CA CN IL IS NO RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49374** (13) A2

(21) PCT/DE98/01034

(22) **7 Apr/avr 1998 (07.04.1998)**

(25) de (26) de

(31) 197 17 512.0 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25D**

(54) • DEVICE FOR ELECTROLYTIC TREATMENT OF PRINTED CIRCUIT BOARDS AND CONDUCTIVE FILMS
• DISPOSITIF DE TRAITEMENT ELECTROLYTIQUE DE CARTE DE CIRCUITS ET DE FEUILLES CONDUCTRICES

(71) **ATOTECH DEUTSCHLAND GMBH** [DE/DE]; Erasmusstrasse 20 – 24, D–10553 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEISSLER, Jens** [DE/DE]; Sybelstrasse 42, D–10629 Berlin (DE). **RYDLEWSKI, Thomas** [DE/DE]; Frankenstrasse 41, D–90439 Nürnberg (DE). **KOPP, Lorenz** [DE/DE]; Zur Steinschneiderin 2, D–90518 Altdorf (DE). **WÄCHTER, Ralf–Peter** [DE/DE]; Industriestrasse 5 B, D–90518 Altdorf (DE). **SCHNEIDER, Reinhard** [DE/DE]; Schwalbenstrasse 9, D–90556 Cadolzburg (DE).

(74) **EFFERT, BRESSEL UND KOLLEGEN**; Radickestrasse 48, D–12489 Berlin (DE).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49375** (13) A2

(21) PCT/DE98/01152

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 510.4 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25D**

(54) • DEVICE FOR ELECTROLYTIC TREATMENT OF PLATE–SHAPED ARTICLES AND METHOD FOR ELECTRONIC SHIELDING OF EDGE AREAS OF ARTICLES DURING ELECTROLYTIC TREATMENT
• DISPOSITIF POUR LE TRAITEMENT ELECTROLYTIQUE D'ARTICLES SOUS FORME DE PLAQUETTES, ET PROCEDE DE PROTECTION ELECTRIQUE DE ZONES MARGINALES DE TELS ARTICLES LORS DU TRAITEMENT ELECTROLYTIQUE

(71) **ATOTECH DEUTSCHLAND GMBH** [DE/DE]; Erasmusstrasse 20–24, D–10553 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOPP, Lorenz** [DE/DE]; Zur Steinschneiderin 2, D–90518 Altendorf (DE). **PLÖSE, Wolfgang** [DE/DE]; Bechlinder Chaussee 131, D–16816 Neuruppin (DE). **WÄCHTER, Ralf–Peter** [DE/DE]; Industriestrasse 5b, D–90518 Altendorf (DE).

(74) **EFFERT, BRESSEL UND KOLLEGEN**; Radickestrasse 48, D–12489 Berlin (DE).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49376** (13) A1

(21) PCT/US98/02525

(22) **10 Feb/fév 1998 (10.02.1998)**

(25) en (26) en

(31) 08/848,338 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25D 5/02, 5/48, B23H 3/00, H01J 1/02, 1/62, B44C 1/22**

(54) • FIELD EMITTER FABRICATION USING OPEN CIRCUIT ELECTROCHEMICAL LIFT OFF
• FABRICATION D'EMETTEUR A EFFET DE CHAMP PAR DECOLLEMENT ELECTROCHIMIQUE DU CIRCUIT OUVERT

(71) **CANDESCENT TECHNOLOGIES CORPORATION** [US/US]; 6580 Via Del Oro, San Jose, CA 95119 (US).

(72) **PORTER, John, D.**; 1742 Spruce Street, Berkeley, CA 94709 (US). **CHAKAROVA, Gabriela, S.**; 6240 Sager Way, San Jose, CA 95123 (US). **KNALL, N., Johan**; 1055 Westchester Drive, Sunnyvale, CA 94087 (US). **SPINDT, Christopher, J.**; 115 Hillside Avenue, Menlo Park, CA 94025 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (US).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49377** (13) A1

(21) PCT/GB98/01196

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 97302854.1 (32) **25 Apr/avr 1997** (33) EP **(25.04.1997)**

(34) GB et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C25D 11/04**

(54) • ALUMINIUM WORKPIECE
• PIECE D'ALUMINIUM

(71) **ALCAN INTERNATIONAL LIMITED** [CA/CA]; 1188 Sherbrooke Street West, Montreal, Quebec H3A 3G2 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BALL, Jonathan** [GB/GB]; Grove Farm House, Exhall, Allcester, Warwickshire B49 6EA (GB). **DAVIES, Nigel, Cleaton** [GB/GB]; Fair View, Mollington, Banbury, Oxon OX17 1AZ (GB). **JONES, Rodney, Charles** [GB/GB]; Wentwood, Banbury Road, Lower Boddington, Daventry, Northamptonshire NN11 6XY (GB). **BARLOW, Eric** [GB/GB]; Rover House, 196 Broad Gap, Bodicote, Banbury, Oxon OX15 4DE (GB).

(74) **PENNANT, Pyers**; Stevens Hewlett & Perkins, 1 Serjeants' Inn, Fleet Street, London EC4Y 1LL (GB).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49378** (13) A1

(21) PCT/JP98/01975

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/128020 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **C30B 15/10, 29/06, 30/04**

(54) • METHOD FOR SINGLE CRYSTAL GROWTH
• PROCEDE DE TIRAGE DE MONOCRISTAL

(71) **SUMITOMO SITIX CORPORATION** [JP/JP]; 1, Higashihamacho, Amagasaki–shi, Hyogo 660–0844 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IZUMI, Teruo** [JP/JP]; 6–9–401, Minamitsukaguchi–cho, Amagasaki–shi, Hyogo 661–0012 (JP).

(74) **UBUKATA, Motoshige** et al. / etc.; 6–15, Kawaramachi 4–chome, Chuo–ku, Osaka–shi, Osaka 541–0048 (JP).

(81) DE US.

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(11) **WO 98/49379** (13) A1

(21) PCT/GB98/01152

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 9708463.6 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D02G 3/02, 3/04, 3/34**

(54) • COMPOSITE YARNS AND METHOD OF MANUFACTURE
• FILS COMPOSITES ET PROCEDE DE FABRICATION

(71) **BRINTONS LIMITED** [GB/GB]; P.O. Box 16, Exchange Street, Kidderminster DY10 1AG (GB). **ETTRICK & YARROW SPINNERS LIMITED** [GB/GB]; Ettrick Mills, Selkirk, Scotland TD7 5DY (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEVERIDGE, Edward** [GB/GB]; 8 Viewfield Park, Selkirk TD7 4LH (GB).

(74) **GILL, JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London, EC2M 7LH (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49380** (13) A1

(21) PCT/EP98/02568

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 18 472.3 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D04B 15/90**

(54) • FLATBED KNITTING MACHINE
• TRICOTEUSE RECTILIGNE

(71) **UNIVERSAL MASCHINENFABRIK DR. RUDOLF SCHIEBER GMBH & CO. KG** [DE/DE]; Deutschordenstrasse 38, D–73463 Westhausen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHIMKO, Reinhold** [DE/DE]; Universal Maschinenfabrik Dr. R. Schieber GmbH & Co. KG, D–73463 Westhausen (DE). **BICH, Armin** [DE/DE]; Universal Maschinenfabrik Dr. R. Schieber GmbH & Co. KG, D–73463 Westhausen (DE).

(74) **GEYER, Ulrich, F.**; Wagner & Geyer, Gewürzmühlstrasse 5, D–80538 München (DE).

(81) CA CN JP RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/49381** (13) A1

(21) PCT/US98/05118

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/847,649 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D04H 1/00, 1/54, 1/58, 3/07, 3/12, 3/14**

(54) • ULTRA RESILIENT THREE–DIMENSIONAL NONWOVEN FIBER MATERIAL AND PROCESS FOR PRODUCING SAME
• TEXTILE NON–TISSE TRIDIMENSIONNEL EXTREMEMENT ELASTIQUE A BASE DE FIBRES ET SON PROCEDE DE PRODUCTION

(71) **KIMBERLY–CLARK WORLDWIDE, INC.** [US/US]; 401 North Lake Street, Neenah, WI 54956 (US).

(72) **HUNTOON, Andrew, Edsel**; 613 Goldenrod Drive, Appleton, WI 54915 (US). **WEBER, Mary, Garvie**; 125 Greemont Downs Trace, Alpharetta, GA 30201 (US). **SHAW, Gordon, Allen**; W6253 Everglade Road, Greenville, WI 54942 (US). **BRYANT, Marshall, Kenneth**; 5942 Kingway Walk, Lithonia, GA 30058 (US). **EVERSON, Mark, George**; 1166 Park Village Drive, Neenah, WI 54959 (US). **CLARK, Gerald, Lewis**; 260 Pounds Drive, N.W., Tucker, GA 30076 (US). **JACKSON, Wanda, Walton**; 275 Greenmont Circle, Alpharetta, GA 30201 (US). **VANAGE, Susan, Marie**; 7710 John Elwood Drive, Centerville, OH 45459 (US). **JACOBS, Mark, Charles**; 3025 East Canary Street, Appleton, WI 54915 (US). **MAYBERRY, Pamela, Jean**; 1035 Lyndhurst Way, Roswell, GA 30075 (US). **DAVIS, James, Arthur**; 3459 Johnson Ferry Road, Roswell, GA 30075 (US). **COLE, Douglas, Bryan**; 6 Oneida Court, Appleton, WI 54911 (US). **GRYSKIEWICZ, Stanley, Michael**; 165 West Putnam Ferry Road, Woodstock, GA 30189 (US). **MCCORMACK, Ann, Louise**; 1265 Poplar Grove Lane, Cumming, GA 30131 (US). **PIKE, Richard, Daniel**; 5544 Fort Fisher Way, Norcross, GA 30092 (US). **COLLIER, Leslie, Warren, IV**; 2010 Pearwood Path, Roswell, GA 30076 (US). **ROSCH, Frank, Andrew, III**; W4823 Spring Hill Drive, Sherwood, WI 54169 (US). **LANGE, Scott, Richard**; 14403 Pride Valley Drive, Little Rock, AR 72211 (US).

(74) **FEJER, Mark, E.**; Speckman Pauley Petersen & Fejer, Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US) et al. / etc.

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

Published / Publiée : *(b)*

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(11) **WO 98/49382** (13) A1

(21) PCT/US98/08573

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,731 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D04H 1/46, 18/00, F16D 65/12, 69/02**

(54) • SIMPLIFIED PROCESS FOR MAKING THICK FIBROUS STRUCTURES
• PROCEDE SIMPLIFIE PERMETTANT DE FABRIQUER DES STRUCTURES FIBREUSES EPAISSES

(71) **THE B.F.GOODRICH COMPANY** [US/US]; 4020 Kinross Lakes Parkway, Richfield, OH 44286–9368 (US).

(72) **LIEW, Ronnie, Sze–Heng**; 4613 Cedar Weed Boulevard, Pueblo, CO 81001 (US). **MORRIS, Edward, Lee, Jr.**; 139 Schirra Place, Pueblo, CO 81001 (US). **BOWMAN, Lydell, L.**; 3720 Azalea Street, Pueblo, CO 81005 (US). **BROWN, Jerry**; 187 Kipling, Pueblo West, CO 81007 (US). **FILLMORE, Wade, W.**; 1219 Calle Antiqua, Pueblo West, CO 81007 (US). **KILLIAN, Jay, H., Jr.**; 832 South 5th Street, Canan City, CO 81212 (US). **LUNDBLAD, Wayne**; 747 Bellflower Drive, Pueblo West, CO 81007 (US).

(74) **LEFFEL, Kevin, L.** et al. / etc.; The B.F.Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141–3289 (US).

(81) AL AM AU AZ BB BG BR BY CA CN CZ EE GE HU IL IS JP KE KG KR KZ LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK TJ TM TR TT UA UG UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/49383** (13) A1

(21) PCT/CN97/00036

(22) **29 Apr/avr 1997 (29.04.1997)**

(25) zh (26) zh

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D06B 1/02, 1/08, 3/24, 5/02**

(54) • THE DYEING MACHINE FOR APPLYING TREATMENT AGENT TO FABRIC
• MACHINE DE TEINTURE DESTINEE A APPLIQUER UN AGENT DE TRAITEMENT A UN TISSU

(71, 72) **JIANG, Zhaocheng** [CN/CN]; No. 2, Building 5, 455 Zhongzheng Road, Yonghe City, Taipei County, Taiwan (CN).

(74) **LIU, SHEN & ASSOCIATES**; A0601, Huibin Building, 8 Beichen Dong Street, Chaoyang District, Beijing 100101 (CN).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49384** (13) A2

(21) PCT/RU98/00103

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) 97106794 (32) **28 Apr/avr 1997** (33) RU **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D06F**

(54) • THE IRONING MACHINE
• MACHINE A REPASSER

(71, 72) **KOLYADA, Vadim Vyacheslavovich** [RU/RU]; ul. Rabochaya, 44–201, Domodedovo, Moskovskaya obl., 142040 (RU).

(74) **TSENTR INNOVATSII I RAZVITIYA INNO-TEC**; B.Semenovskaya, 49–404, Moscow, 105023 (RU).

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

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(11) **WO 98/49385** (13) A1

(21) PCT/IT98/00103

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) AR97A000015 (32) **28 Apr/avr 1997 (28.04.1997)** (33) IT

(31) FI98A000017 (32) **21 Jan/jan 1998 (21.01.1998)** (33) IT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D06F 75/30, 87/00**

(54) • A PORTABLE COMPOUND APPLIANCE FOR EMPLOYING STEAM, FOR IRONING CLOTHES AND CLEANING OBJECTS AND SURFACES
• APPAREIL ELECTRIQUE COMPOSE, PORTATIF, PRODUISANT DE LA VAPEUR ET SERVANT AU REPASSAGE DE VETEMENTS ET AU NETTOYAGE D'OBJETS ET DE SURFACES

(71) **ISA DISTRIBUZIONE AVANZATA S.R.L.** [IT/IT]; Loc. Matigge, Via Todi, 1, I–06039 Trevi (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PASCUCCI, Paolo** [IT/IT]; Viale Ancona, 8, I–06034 Foligno (IT).

(74) **MANNUCCI, Gianfranco** et al. / etc.; Via della Scala, 4, I–50123 Firenze (IT).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

Published / Publiée : *(c)*

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(11) **WO 98/49386** (13) A1

(21) PCT/US98/08585

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/850,900 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D06L 3/02, C11D 1/66, 1/72, 1/722**

(54) • ALKYL POLYGLYCOSIDES IN TEXTILE SCOUR/BLEACH PROCESSING
• POLYGLYCOSIDES D'ALKYLE UTILES POUR DES TRAITEMENTS DE LAVAGE/BLANCHIMENT DE TEXTILES

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) **FRANCOIS, Brian, C.**; 8902 Shorehaven Court, Charlotte, NC 28269 (US). **GLENN, Susan, C.**; 9915 Wolf Creek Trail, Charlotte, NC 28269 (US). **COLE, Howard**; 5037 Virginian Lane, Charlotte, NC 28226 (US).

(74) **DRACH, John, E.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49387** (13) A1

(21) PCT/DK98/00158

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 0468/97 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DK

(31) 60/045,388 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D06M 15/03, D06P 7/00**

(54) • ENZYMATIC STONE–WASH OF DENIM USING XYLOGLUCAN/XYLOGLUCANASE
• LAVAGE A LA PIERRE DE DENIM PAR VOIE ENZYMATIQUE AU MOYEN DE XYLOGLUCANE ET DE XYLOGLUCANASE

(71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé, DK–2880 Bagsværd (DK).

(72) **KALUM, Lisbeth**; Mosegård Park 51, DK–3500 Værløse (DK).

(74) **NOVO NORDISK A/S**; Corporate Patents, Novo Allé, DK–2880 Bagsværd (DK).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49388** (13) A1

(21) PCT/GB98/01193

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708576.5 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D07B 1/06**

(54) • ROPE WITH ADDITIONAL REINFORCING MEMBERS
• CABLE DOTE D'ELEMENTS D'ARMATURE SUPPLEMENTAIRES

(71) **BRIDON PLC** [GB/GB]; Carr Hill, Doncaster, S. Yorkshire DN4 8DG (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALTON, John, Mawson** [GB/GB]; 101 Park Drive, Sprotborough, Doncaster DN5 7LP (GB). **STEPHENSON, Alan** [GB/GB]; 62 Bawtry Road, Doncaster DN4 7BQ (GB).

(74) **GODWIN, Edgar, James**; Marks & Clerk, 57–60 Lincoln's Inn Fields, London WC2A 3LS (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49389** (13) A1

(21) PCT/SE98/00756

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) sv (26) en

(31) 9701606–7 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21B 1/34**

(54) • A PULPING APPARATUS
• APPAREIL TRITURATEUR

(71) **CELLWOOD MACHINERY AB** [SE/SE]; Storgatan 53, S–571 32 Nässjö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIIN, Sven** [SE/SE]; Oxdansvägen 7, S–196 37 Kungsängen (SE).

(74) **WENNBORG, Göte** et al. / etc.; Kransell & Wennborg AB, P.O. Box 27834, S–115 93 Stockholm (SE).

(81) CA CN JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49390** (13) A1

(21) PCT/PT98/00002

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 101999 (32) **28 Apr/avr 1997 (28.04.1997)** (33) PT

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21C 3/10, 3/14**

(54) • A WOOD DELIGNIFICATION CHEMICAL PROCESS USING AMMONIUM MAGNESIUM BISULPHITE AS THE ACTIVE REAGENT
• PROCEDE CHIMIQUE DE DELIGNIFICATION DU BOIS UTILISANT COMME REACTIF ACTIF LE BISULFITE D'AMMONIUM ET DE MAGNESIUM

(71, 72) **ALMEIDA OLIVEIRA BAPTISTA, João, Manuel** [PT/PT]; Rua Coronel Aparício, P–2300 Tomar (PT).

(81) AU BR CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49391** (13) A1

(21) PCT/SE97/00729

(22) **30 Apr/avr 1997 (30.04.1997)**

(25) sv (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21C 9/10, 9/16, 7/08, B01J 3/02**

(54) • OUTLET ARRANGEMENT IN A PRESSURE VESSEL FOR THE BLEACHING OF PULP
• SYSTEME D'EVACUATION D'UNE CUVE SOUS PRESSION DESTINEE AU BLANCHIMENT DE PATE A PAPIER

(71) **KVAERNER PULPING AB** [SE/SE]; P.O. Box 1033, S–651 15 Karlstad (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OLSSON, Hans** [SE/SE]; Styrbordsgatan 8, S–652 27 Karlstad (SE). **SCHILDT, Yrjö** [FI/SE]; Krokusgatan 11, S–653 45 Karlstad (SE).

(74) **KYLIN, Peter**; Kvaerner Pulping AB, P.O. Box 1033, S–651 15 Karlstad (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49392** (13) A1

(21) PCT/SE97/00694

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21D 5/16, D21F 1/66**

(54) • BARRIER FOR DEWATERING FIBROUS SUSPENSIONS
• BARRIERE D'ESSORAGE DE SUSPENSIONS FIBREUSES

(71) **AB KNUTSILPLÄTAR** [SE/SE]; S–467 21 Grästorp (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FREDRIKSSON, Börje** [SE/SE]; Barrvägen 13, S–863 35 Sundsbruk (SE).

(74) **SUNDQVIST, Hans**; Sunds Defibrator Industries AB, Strandbergsgatan 61, S–112 51 Stockholm (SE).

(81) AU BR CA JP NO US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49393** (13) A1

(21) PCT/US98/04667

(22) **10 Mar/mar 1998 (10.03.1998)**

(25) en (26) en

(31) 08/841,265 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21F 1/08**

(54) • HIGH CONSISTENCY STOCK PROFILING
• MISE EN FORME A HAUTE CONCENTRATION DE PATE

(71) **BELOIT TECHNOLOGIES, INC.** [US/US]; Suite 3001, 3513 Concord Pike, Wilmington, DE 19803 (US).

(72) **SANFORD, Charles, L.**; 2325 Huebbe Drive, Beloit, WI 53511 (US).

(74) **ARCHER, David, J.**; Beloit Corporation, One St. Lawrence Avenue, Beloit, WI 53511 (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 GW 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 UZ VN YU ZW; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49394** (13) A1

(21) PCT/FI98/00355

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) fi (26) en

(31) 971864 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21G 7/00, F16F 15/00**

(54) • METHOD AND EQUIPMENT FOR ATTENUATION OF OSCILLATION IN A PAPER MACHINE OR IN A PAPER FINISHING DEVICE
• PROCEDE ET EQUIPEMENT PERMETTANT D'ATTENUER LES OSCILLATIONS DANS UNE MACHINE A PAPIER OU DANS UN DISPOSITIF DE FINISSAGE DU PAPIER

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN–00620 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KARHUNEN, Jouko** [FI/FI]; Keskussairaalantie 16 A, FIN–40630 Jyväskylä (FI). **PURANEN, Arto** [FI/FI]; Syrjälänkatu 6 A 56, FIN–40700 Jyväskylä (FI). **KÖLIÖ, Jorma** [FI/FI]; Veräjätie 1, FIN–40530 Jyväskylä (FI). **LEHTOVIRTA, Esa** [FI/FI]; Raitatie 12, FIN–40250 Jyväskylä (FI). **HIETAMÄKI, Erkki** [FI/FI]; Okkerinkatu 8, FIN–40700 Jyväskylä (FI).

(74) **FORSSÉN & SALOMAA OY**; Yrjönkatu 30, FIN–00100 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49395** (13) A1

(21) PCT/US98/08442

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/843,089 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21H 15/10, 23/70, 25/00, 27/02, 21/14, B31F 1/07, 1/12**

(54) • SCRIM–LIKE PAPER WIPING PRODUCT AND METHOD FOR MAKING THE SAME
• PRODUIT ESSUYEUR PAPIER AYANT LA TEXTURE DE LA GAZE ET PROCEDE DE FABRICATION CORRESPONDANT

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

(72) **ANDERSON, Ralph, L.**; 5074 Wood Haven Court, Marietta, GA 30062 (US).

(74) **CASSIDY, Timothy, A.** et al. / etc.; Dority & Manning, P.A., P.O. Box 1449, Greenville, SC 29602–1449 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49396** (13) A1

(21) PCT/US98/04516

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) en (26) en

(31) 08/847,695 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21H 19/12**

(54) • IMPROVING LAY FLAT PROPERTIES OF PRINTING PAPER
• PROCEDE PERMETTANT D'AMELIORER LA CAPACITE DU PAPIER D'IMPRESSION A RESTER A PLAT

(71) **INTERNATIONAL PAPER COMPANY** [US/US]; 2 Manhattanville Road, Purchase, NY 10577–2196 (US).

(72) **FRANK, Benjamin**; 45P Edison Court, Monsey, NY 10952 (US). **KARLES, Georgios, D.**; 56 Sicomac Avenue, Midland Park, NJ 07432 (US).

(74) **GRAHAM, Mark, S.**; Luedeka, Neely & Graham, P.C., P.O. Box 1871, Knoxville, TN 37901 (US) et al. / etc.

(81) CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49397** (13) A1

(21) PCT/US98/06472

(22) **31 Mar/mar 1998 (31.03.1998)**

(25) en (26) en

(31) 08/847,841 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **D21H 21/16, 17/43 // 17:28**

(54) • PROCESS FOR SURFACE SIZING PAPER AND PAPER PREPARED THEREBY
• PROCEDE POUR COLLAGE DU PAPIER EN SURFACE ET PAPIER AINSI TRAITE

(71) **HERCULES INCORPORATED** [US/US]; Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894–0001 (US).

(72) **VARNELL, Daniel, Felix**; 1103 Bardell Drive, Wilmington, DE 19808 (US).

(74) **SLOAN, Martin, F.**; Hercules Incorporated, Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894–0001 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49398** (13) A1

(21) PCT/SE98/00759

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) sv (26) en

(31) 9701552–3 (32) **25 Apr/avr 1997 (25.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E01C 19/10**

(54) • METHOD AND DEVICE FOR PREPARING ASPHALT
• PROCEDE ET DISPOSITIF PERMETTANT DE PREPARER DE L'ASPHALTE

(71) **ASFALTSTEKNIK I GÄLLÖ AB** [SE/SE]; P.O. Box 4, S–840 50 Gällö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENGTSSON, Karl, Arne** [SE/SE]; Hålland 1118, S–830 10 Undersåker (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 Malmö (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49399** (13) A1

(21) PCT/DE98/01169

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 18 220.8 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E02D 5/80, 29/055, E21D 9/00**

(54) • METHOD FOR STABILIZING EMBANKMENTS
• PROCEDE POUR STABILISER UN REMBLAI

(71) **BILFINGER + BERGER BAUAKTIENGESELLSCHAFT** [DE/DE]; Carl–Reiß–Platz 1–5, D–68165 Mannheim (DE).

(72) **EINSPANNIER, Wolfgang**; Triemelweg 4, D–68782 Brühl (DE). **GÖTZ, Peter**; Kanalstrasse 6/3, D–70771 Leinfelden–Echterdingen (DE). **ZWICK, Otto**; Netztal 16, D–69469 Weinheim (DE). **CZICHOWSKY, Stephan**; Otto–Blesch–Strasse 29, D–78315 Radolfzell (DE).

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

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(11) **WO 98/49400** (13) A1

(21) PCT/AU98/00302

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) PO 6452 (32) **28 Apr/avr 1997 (28.04.1997)** (33) AU

(31) PO 7677 (32) **3 Jul/juil 1997 (03.07.1997)** (33) AU

(31) PO 9901 (32) **21 Oct/oct 1997 (21.10.1997)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E02D 29/02, 17/20, E02B 3/06**

(54) • RETAINING WALL SYSTEM
• SYSTEME DE MUR DE SOUTENEMENT

(71) **ECOFLEX AUSTRALIA PTY. LIMITED** [AU/AU]; 41–45 Newcomen Street, Newcastle, NSW 2300 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CALLINAN, Garry, Kevin** [AU/AU]; 20 Ranclaud Street, Merewether, NSW 2291 (AU). **CASHMAN, Glen** [AU/AU]; 14 Baikie Crescent, Charlestown, NSW 2290 (AU).

(74) **GRIFFITH HACK**; 168 Walker Street, North Sydney, NSW 2060 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49401** (13) A2

(21) PCT/NL98/00240

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) nl (26) en

(31) 1005931 (32) **29 Apr/avr 1997 (29.04.1997)** (33) NL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E02D 31/00**

(54) • ARRANGEMENT, APPARATUS AND METHOD FOR SOIL AIR MONITORING AND PAVING SEALING EXAMINATION
• STRUCTURE, DISPOSITIF ET PROCEDE PERMETTANT DE CONTROLER L'AIR DU SOL ET D'ANALYSER L'ETANCHEITE D'UN REVETEMENT

(71, 72) **DE JONG, Gerardus, Majella** [NL/NL]; Breukrand 322, NL–5403 LH Uden (NL).

(74) **VAN KAN, J., J., H.**; Algemeen Octrooibureau, World Trade Center, Past. Petersstraat 160, NL–5612 LV Eindhoven (NL).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49402** (13) A2

(21) PCT/KR98/00100

(22) **25 Apr/avr 1998 (25.04.1998)**

(25) en (26) en

(31) 1997/15996 (32) **28 Apr/avr 1997 (28.04.1997)** (33) KR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E03D**

(54) • BIDET WITH SEPARATE UNITS FOR WASHING THE ANAL REGION, PUDENDAL REGION AND ORAL CAVITY
• BIDET A UNITES SEPAREES POUR LE LAVAGE DE LA REGION ANALE, DE LA REGION VULVAIRE ET DE LA CAVITE BUCCALE

(71, 72) **KIM, Ki–Chul** [KR/KR]; 44–7 406, Ho, Chungdarm–dong, Gangnam–ku, Seoul 135–100 (KR).

(74) **MOON, Chang–Hoa**; Moon & Sun Patent Law Firm, 3rd Cambridge Building, 825–18, Yoksam 1–dong, Gangnam–ku, Seoul 135–081 (KR).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49403** (13) A2

(21) PCT/US98/08495

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,145 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04B**

(54) • BUILDING STRUCTURES FABRICATED FROM STRESSED–SKIN PANELS
• STRUCTURES DE CONSTRUCTION FABRIQUEES A PARTIR DE PANNEAUX A REVETEMENT TRAVAILLANT

(71) **KIVA ADVANCED ENVIRONMENTAL TECHNOLOGIES CORPORATION** [US/US]; Suite 112, 5931 Sea Lion Place, Carlsbad, CA 92008 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NOBLE, Robert** [US/US]; 150 Hummingbird Hill, Encinitas, CA 92024 (US). **MAHONEY, James, F.** [US/US]; 11731 Kensington Road, Rossmoor, CA 90720 (US).

(74) **WESEMAN, James, C.**; The Law Offices of James C. Weseman, Suite 1600, 401 West A Street, San Diego, CA 92101 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49404** (13) A1

(21) PCT/US98/08705

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/850,130 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04B 1/00, E04G 21/00, 23/00**

(54) • COATING COMPOSITION AND METHOD
• PROCEDE ET COMPOSITION DE REVETEMENT

(63) US 08/850,130 (CIP)
1 May/mai 1997 (01.05.1997)

(71) **INFRALINER SYSTEMS, INC.** [US/US]; 3404 McKay Avenue, Tampa, FL 33609 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARKER, Roger, Keith** [US/US]; 1100 South Andover Drive, Walhalla, SC 29691 (US). **BUTLER, Richard, Henry** [US/US]; 1221 Windsor Circle, Brandon, FL 33510 (US).

(74) **FLINT, Cort** et al. / etc.; P.O. Box 10827, Greenville, SC 29603–0827 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49405** (13) A1

(21) PCT/SE98/00749

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) sv (26) en

(31) 9701578–8 (32) **25 Apr/avr 1997 (25.04.1997)** (33) SE

(31) 9703730–3 (32) **13 Oct/oct 1997 (13.10.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04B 1/344**

(54) • EXPANDABLE, MOBILE ACCOMMODATION OF ACTIVITIES
• LOCAL MOBILE EXTENSIBLE

(71) **INNOVATION DEVELOPMENT ENTERPRISE I STOCKHOLM AB** [SE/SE]; Polhemsgatan 29, S–112 30 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GYLLENHAMMAR, Thorbjörn** [SE/SE]; Möjbrovägen 20, S–161 53 Bromma (SE).

(74) **WALDINGER, Åke**; Roslinvägen 41, S–168 51 Bromma (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49406** (13) A1

(21) PCT/AU98/00301

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) PO 6394 (32) **24 Apr/avr 1997 (24.04.1997)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04B 1/72, E04H 9/16**

(54) • TERMITE CAP FOR BUILDING PIER HEAD
• CHAPEAU DE PROTECTION CONTRE LES TERMITES PERMETTANT LA CONSTRUCTION D'UNE TETE DE DE

(71) **QUIKA – FLOOR PTY. LIMITED** [AU/AU]; 17 Allara Avenue, Tarramurra, NSW 2074 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENNETT, Kerry, Robert** [AU/AU]; c/o John De Gouveia, P.O. Box 413, Maroubra, NSW 2035 (AU).

(74) **COLLISON & CO.**; 117 King William Street, Adelaide, S.A. 5000 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49407** (13) A1

(21) PCT/EP98/02400

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 435.3 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(31) 198 01 931.9 (32) **20 Jan/jan 1998 (20.01.1998)** (33) DE

(31) 198 12 255.1 (32) **20 Mar/mar 1998 (20.03.1998)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04B 2/86**

(54) • PROCESS AND DEVICE FOR BUILDING A BODY OF MASONRY AND PREFABRICATED BUILDING ELEMENT USED FOR THAT PURPOSE
• PROCEDE ET DISPOSITIF POUR BATIR UN OUVRAGE DE MAÇONNERIE ET ELEMENT DE CONSTRUCTION PREFABRIQUE UTILISE A CET EFFET

(71, 72) **SCHULLER, Hans** [DE/DE]; Metterstrasse 52, D–74343 Sachsenheim (DE).

(74) **FLECK, Hermann–Josef**; Klingengasse 2, D–71665 Vaihingen (DE).

(81) AU CA CZ HU JP PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49408** (13) A1

(21) PCT/PL98/00017

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) W.106454 (32) **30 Apr/avr 1997 (30.04.1997)** (33) PL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04C 1/40**

(54) • HOLLOW CORNER BRICKS
• BRIQUES DE COIN CREUSES

(71) **PRZEDSIEBIORSTWO PRODUKCYJNO–USŁUGOWE IZODOM 2000 POLSKA SP. Z O.O.** [PL/PL]; ul. Ceramiczna 2, PL–98–220 Zdunska Wola (PL).

(72) **WÓJCIK, Andrzej**; Kusy 17, PL–05–610 Goszczyn (PL).

(74) **FUSZARA, Hanna**; ul. Okinskiego 1 m 71, PL–02–115 Warszawa (PL).

(81) BY LT LV RU UA.

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(11) **WO 98/49409** (13) A1

(21) PCT/AU98/00316

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) PO 6500 (32) **30 Apr/avr 1997 (30.04.1997)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04C 3/07**

(54) • A STRUCTURAL MEMBER
• ELEMENT DE CHARPENTE

(71) **WEEKS PEACOCK QUALITY HOMES PTY. LTD.** [AU/AU]; 712–714 South Road, Glandore, S.A. 5073 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEEKS, Kevin, William** [AU/AU]; 712–714 South Road, Glandore, S.A. 5073 (AU).

(74) **PIZZEYS PATENT AND TRADE MARK ATTORNEYS**; Level 6, Trustee House, 444 Queen Street, Brisbane, QLD 4000 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49410** (13) A1

(21) PCT/FR98/00688

(22) **6 Apr/avr 1998 (06.04.1998)**

(25) fr (26) fr

(31) 97/05615 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04D 13/035**

(54) • DEVICE FOR ARTICULATING A DOME LIGHT ON SKYLIGHT GUARD
• DISPOSITIF D'ARTICULATION D'UNE COUPOLE SUR UNE COSTIERE D'UN LANTERNEAU

(71) **ECODIS S.A.** [FR/FR]; Parc d'Affaires de la Vallée d'Ozon, F–69970 Chaponnay (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRASCA, Daniel** [FR/FR]; 33, rue Nicolas Boileau, F–69780 Saint Pierre de Chandieu (FR). **MARQUES, Joachim** [FR/FR]; 51, rue Louis Blériot, F–69780 Mions (FR).

(74) **THIVILLIER, Patrick** et al. / etc.; Cabinet Laurent & Charras, 3, place de l'Hôtel de Ville, Boîte postale 203, F–42005 Saint Etienne Cedex (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49411** (13) A1

(21) PCT/DE98/01146

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 605.4 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(31) 297 21 065.3 (32) **27 Nov/nov 1997** (33) DE **(27.11.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04D 13/10, 13/12**

(54) • FIXING DEVICE FOR ROOF FITTINGS
• DISPOSITIF DE FIXATION DE PARTIES ACCESSOIRES DE TOITURE

(71) **ETERNIT AKTIENGESELLSCHAFT** [DE/DE]; Ernst–Reuter–Platz 8, D–10587 Berlin (DE).

(72) **IKES, Winfried**; Veitstrasse 22, D–12307 Berlin (DE). **KOCH, Detlef**; Humboldstrasse 22, D–14193 Berlin (DE). **SEPP, Peter**; Kaulbachstrasse 34, D–12247 Berlin (DE).

(74) **PRIETSCH, Reiner**; Schäufeleinstrasse 7, D–80687 München (DE).

(81) BY CZ EE LT LV PL RO RU SI SK UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49412** (13) A1

(21) PCT/EP98/02377

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 18 299.2 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04F 13/08, E04B 2/96**

(54) • DEVICE FOR FIXING FACING SLABS
• DISPOSITIF POUR FIXER DES PANNEAUX DE FAÇADE

(71) **FISCHERWERKE ARTUR FISCHER GMBH & CO. KG** [DE/DE]; Weinhalde 14–18, D–72178 Waldachtal (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIND, Stefan** [DE/DE]; Martinskirchle 16, D–72178 Waldachtal (DE).

(81) BR CN CZ HU JP NO PL RU SK US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49413** (13) A1

(21) PCT/EP98/02563

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 19 040.5 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04F 19/02**

(54) • EDGE ELEMENT
• ELEMENT FORMANT REBORD

(71) **ESCOPEC AG** [CH/CH]; Consulting im Bauwesen, Neugasse 7, CH–6300 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CICHOS, Christopher** [DE/DE]; Saalbaustrasse 13, D–64283 Darmstadt (DE). **JANIK, Marian** [DE/DE]; Alte Fahrt 14, D–60437 Frankfurt am Main (DE). **FRONTZEK, Christian** [DE/DE]; Burgfriedenstrasse 22, D–60489 Frankfurt am Main (DE).

(74) **COHAUSZ & FLORACK**; Postfach 33 02 29, D–40435 Düsseldorf (DE).

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

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(11) **WO 98/49414** (13) A1

(21) PCT/US98/08564

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/848,377 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04G 3/00**

(54) • A FULLY ADJUSTABLE AND COLLAPSIBLE MULTI–ARTICULATED SUPPORT PLATFORM
• PLATE–FORME SUPPORT A ARTICULATIONS MULTIPLES, REPLIABLE ET ENTIEREMENT AJUSTABLE

(71) **TAYLOR & WANG, INC.** [US/US]; Suite 3112, 2451 Cumberland Parkway, Atlanta, GA 30339 (US).

(72) **TAYLOR, Alan, Richard**; 2158 Cumberland Parkway #10202, Atlanta, GA 30339 (US).

(74) **BOSS, Gerald, R.**; Troutman Sanders LLP, Suite 5200, 600 Peachtree Street, N.E., Atlanta, GA 30308–2216 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49415** (13) A1

(21) PCT/AU98/00307

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) PO 6498 (32) **28 Apr/avr 1997** (33) AU **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E04G 17/14**

(54) • METHOD AND ARRANGEMENT FOR FORMING CONSTRUCTION PANELS AND STRUCTURES
• PROCEDE ET DISPOSITIF PERMETTANT DE FORMER DES PANNEAUX DE CONSTRUCTION ET DES STRUCTURES

(71) **A.R. TILTWALL SERVICES** [AU/AU]; 16 Lily Street, Campbelltown, S.A. 5074 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VINET, Alexander, Joseph** [AU/AU]; 16 Lily Street, Campbelltown, S.A. 5074 (AU). **SLADOJEVIC, Robert, Radovan** [AU/AU]; 16 Lily Street, Campbelltown, S.A. 5074 (AU).

(74) **A.P.T. PATENT AND TRADEMARK ATTORNEYS**; G.P.O. Box 772, Adelaide, S.A. 5001 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49416** (13) A1

(21) PCT/EP98/01496

(22) **14 Mar/mar 1998 (14.03.1998)**

(25) de (26) de

(31) 197 17 946.0 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E05B 63/04, 65/44**

(54) • RIGHT–LEFT LOCK
• SERRURE DROITE–GAUCHE

(71) **KARL SIMON GMBH & CO. KG** [DE/DE]; Sulgener Strasse 21–23, D–78733 Aichhalden (DE).

(74) **FLECK, Hermann–Josef**; Klingengasse 2, D–71655 Vaihingen (DE).

(81) BR CZ HU PL SI TR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/49417** (13) A1

(21) PCT/CA98/00400

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 2,203,973 (32) **29 Apr/avr 1997 (29.04.1997)** (33) CA

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E05B 65/20, 65/19, 47/00**

(54) • CONTROL ASSEMBLY FOR LIFT GATE OR SLIDING AND CARGO DOORS
• SYSTEME DE COMMANDE POUR HAYON ELEVATEUR ET PORTES COULISSANTES DE CHARGEMENT DE FRET

(71) **ATOMA INTERNATIONAL INC.** [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TOMASZEWSKI, Kris** [CA/CA]; 24 Fieldview Crescent, Markham, Ontario L3R 3H7 (CA). **BANIAK, Grzegorz, H.** [CA/CA]; 2 Chelsea Drive, Etobicoke, Ontario M8W 4R6 (CA). **JORGENSEN, Gregory, A.** [US/US]; 27 Dennison Road, Oxford, MI 48371 (US).

(74) **IMAI, Jeffrey, T.**; Magna International Inc., 337 Magna Drive, Aurora, Ontario L4G 7K1 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49418** (13) A1

(21) PCT/US98/07145

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 60/044,945 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 09/002,764 (32) **6 Jan/jan 1998 (06.01.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E05D 11/08**

(54) • FRICTION HINGE WITH RETENTION FINGER
• CHARNIERE A FRICTION AVEC SEGMENT DE RETENTION

(71) **TORQMASTER, INC.** [US/US]; 200 Harvard Avenue, Stamford, CT 06902 (US).

(72) **KARFIOL, Yury**; 1960 West 8th Street, Brooklyn, NY 11223 (US).

(74) **KADEN, Jeffrey, M.**; Gottlieb, Rackman & Reisman, P.C., 270 Madison Avenue, New York, NY 10016–0601 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49419** (13) A1

(21) PCT/EP97/02182

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) de (26) de

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E05F 3/22, 3/10**

(54) • GATE CONTROL MECHANISM GUIDE BLOCK
• DISPOSITIF D'OUVERTURE ET/OU DE FERMETURE ET/OU DE RALENTISSEMENT AUTOMATIQUE DU BATTANT D'UNE PORTE, FENETRE OU ANALOGUE, ET APPAREIL DE FERMETURE DE PORTE

(71) **GEZE GMBH & CO.** [DE/DE]; Siemensstrasse 21–29, D–71229 Leonberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISCHBACH, Stefan** [DE/DE]; Hintere Strasse 29, D–71229 Leonberg (DE). **GMELIN, Andreas** [DE/DE]; Mozartstrasse 12, D–71032 Böblingen (DE). **ZIMMERMANN, Joachim** [DE/DE]; Liststrasse 81, D–70180 Stuttgart (DE).

(74) **GEZE GMBH & CO.**; Siemensstrasse 21–29, D–71229 Leonberg (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49420** (13) A1

(21) PCT/EP97/02186

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) de (26) de

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E05F 3/22, 3/10**

(54) • METHOD FOR OPENING, SHUTTING OR DAMPING THE WING OF A DOOR, WINDOW OR THE LIKE
• DISPOSITIF D'OUVERTURE, DE FERMETURE OU DE RALENTISSEMENT DU BATTANT D'UNE PORTE, FENETRE OU ANALOGUE

(71) **GEZE GMBH & CO.** [DE/DE]; Siemensstrasse 21–29, D–71229 Leonberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FISCHBACH, Stefan** [DE/DE]; Hintere Strasse 29, D–71229 Leonberg (DE). **GMELIN, Andreas** [DE/DE]; Mozartstrasse 12, D–71032 Böblingen (DE). **SINGER, Lothar** [DE/DE]; Steinstrasse 23, D–71296 Heimsheim (DE).

(74) **GEZE GMBH & CO.**; Siemensstrasse 21–29, D–71229 Leonberg (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49421** (13) A1

(21) PCT/JP98/01944

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/4677 U (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E06B 9/303**

(54) • UP/DOWN BLIND
• STORE

(71, 72) **KASAHARA, Mituyoshi** [JP/JP]; 10–27, Kasuga–mati, Moji–ku, Kitakyusyu–shi, Hukuoka–ken 801–0823 (JP).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN (Utility model / modèle d'utilité) CU CZ DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW HU ID IL IS JP KE KG KR (Utility model / modèle d'utilité) 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49422** (13) A1

(21) PCT/US98/08508

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,346 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E21B 33/043**

(54) • APPARATUS AND METHOD FOR SUBSEA CONNECTIONS OF TREES TO SUBSEA WELLHEADS
• APPAREIL ET PROCEDE PERMETTANT DE RACCORDER SOUS LA MER DES TETES DE PRODUCTION A DES TETES DE PUITS SOUS–MARINES

(71) **FMC CORPORATION** [US/US]; 200 East Randolph Drive, Chicago, IL 60601 (US).

(72) **CUNNINGHAM, Christopher, E.**; 3511 Walnut Forest Court, Spring, TX 77388 (US).

(74) **BUSH, Gary, L.**; Bush, Riddle & Jackson, L.L.P., Suite 180, 950 Echo Lane, Houston, TX 77024 (US).

(81) BR GB NO SG.

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(11) **WO 98/49423** (13) A1

(21) PCT/EP98/02577

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 97201267.8 (32) **28 Apr/avr 1997 (28.04.1997)** (33) EP

(34) GB et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E21B 43/10, 43/08**

(54) • EXPANDABLE WELL SCREEN
• FILTRE EXPANSIF DESTINE A UN PUITS

(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)*

(71) **SHELL CANADA LIMITED** [CA/CA]; 400 – 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA). *(only for / seulement pour CA)*

(72) **DONNELLY, Martin**; Badhuisweg 3, NL–1031 CM Amsterdam (NL).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49424** (13) A1

(21) PCT/EP98/02578

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 97201266.0 (32) **28 Apr/avr 1997 (28.04.1997)** (33) EP

(34) GB et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E21B 43/30, 23/00**

(54) • USING EQUIPMENT IN A WELL SYSTEM
• UTILISATION DE MATERIEL DANS UN SYSTEME DE PUITS

(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)*

(71) **SHELL CANADA LIMITED** [CA/CA]; 400 – 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA). *(only for / seulement pour CA)*

(72) **DEN BOER, Johannis, Josephus**; Volmerlaan 6, NL–2288 GD Rijswijk (NL). **SHEEHY, Hugh, Edward**; Volmerlaan 6, NL–2288 GD Rijswijk (NL).

(81) AU CA CN ID MX NO; EA (AM AZ BY KG 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 ML MR NE SN TD TG).

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(11) **WO 98/49425** (13) A1

(21) PCT/DE98/01171

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 18 221.6 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **E21D 9/00**

(54) • METHOD FOR BUILDING A TUNNEL UNDER AN EXISTING CONSTRUCTION
• PROCEDE DE CONSTRUCTION D'UN OUVRAGE POUR TUNNEL SOUS UN OUVRAGE EXISTANT

(71) **BILFINGER + BERGER BAUAKTIENGESELLSCHAFT** [DE/DE]; Carl–Reiß–Platz 1–5, D–68165 Mannheim (DE).

(72) **EINSPANNIER, Wolfgang**; Triemelweg 4, D–68782 Brühl (DE). **GÖTZ, Peter**; Kanalstrasse 6/3, D–70771 Leinfelden–Echterdingen (DE). **ZWICK, Otto**; Netztal 16, D–69469 Weinheim (DE).

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

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(11) **WO 98/49426** (13) A1

(21) PCT/JP98/01822

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) ja (26) ja

(31) 9/112326 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 9/120736 (32) **12 May/mai 1997 (12.05.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F01D 11/02, F16J 15/447**

(54) • HIGH DIFFERENTIAL PRESSURE END ROTOR SEAL
• JOINT DE ROTOR D'EXTREMITE A PRESSION DIFFERENTIELLE ELEVEE

(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) **UEMATSU, Kazuo** [JP/JP]; Takasago Machinery Works of Mitsubishi Heavy Industries, Ltd., 1–1, Shinhama 2–chome, Arai–cho, Takasago–shi, Hyogo–ken 676–0008 (JP). **CHIKAMI, Rintaro** [JP/JP]; Takasago Machinery Works of Mitsubishi Heavy Industries, Ltd., 1–1, Shinhama 2–chome, Arai–cho, Takasago–shi, Hyogo–ken 676–0008 (JP). **HIROKAWA, Kazuharu** [JP/JP]; Takasago Machinery Works of Mitsubishi Heavy Industries, Ltd., 1–1, Shinhama 2–chome, Arai–cho, Takasago–shi, Hyogo–ken 676–0008 (JP).

(74) **ISHIKAWA, Arata**; Toranomon Sangyo Building, 2–29, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).

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

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(11) **WO 98/49427** (13) A1

(21) PCT/DE98/01104

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 17 962.2 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F01D 25/26, 25/14**

(54) • HEAT INSULATION DEVICE FOR A STEAM TURBINE
• DISPOSITIF D'ISOLATION THERMIQUE POUR UNE TURBINE A VAPEUR

(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) **ULMA, Andreas** [DE/DE]; Langenfeldstrasse 44, D–45481 Mühlheim an der Ruhr (DE).

(81) CN CZ JP KR PL RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49428** (13) A1

(21) PCT/US98/06532

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) en (26) en

(31) 08/847,135 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F01K 25/00, F22G 1/12**

(54) • RETROFITTING COAL–FIRED POWER GENERATION SYSTEMS WITH HYDROGEN COMBUSTORS
• RATTRAPAGE DE SYSTEMES DE PRODUCTION D'ENERGIE AU CHARBON PAR SYSTEMES DE COMBUSTION A L'HYDROGENE

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(72) **BANNISTER, Ronald, L.**; 695 Bear Creek Court, Winter Springs, FL 32709 (US). **NEWBY, Richard, A.**; 149 Spring Grove Road, Pittsburgh, PA 15222 (US).

(74) **MAIRE, David, G.** et al. / etc.; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(81) CA CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49429** (13) A1

(21) PCT/GB98/00839

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 9708445.3 (32) **26 Apr/avr 1997 (26.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F01L 1/344, 13/00**

(54) • METHOD OF MANUFACTURING A MULTI–COMPONENT CAMSHAFT
• PROCEDE DE FABRICATION D'UN ARBRE A CAMES A PLUSIEURS ELEMENTS

(71) **MECHADYNE INTERNATIONAL PLC** [GB/GB]; Park Farm Estate, Kirtlington, Oxon OX5 3JQ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LANCEFIELD, Timothy, Mark** [GB/GB]; New Barn Farmhouse, Weston on the Green, Bicester, Oxford OX6 8TL (GB).

(74) **MESSULAM, Alec, Moses**; A. Messulam & Co., 24 Broadway, Leigh on Sea, Essex SS9 1BN (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(11) **WO 98/49430** (13) A1

(21) PCT/US98/05227

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/848,536 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F01L 7/00, F02B 57/00**

(54) • A ROTARY AND RECIPROCATING INTERNAL COMBUSTION ENGINE AND COMPRESSOR
• MOTEUR A COMBUSTION INTERNE ET COMPRESSEUR ROTATIF EFFECTUANT UN DEPLACEMENT ALTERNATIF

(63) US 08/848,536 (CON) 28 Apr/avr 1997 (28.04.1997)

(71, 72) **VALLEJOS, Tony** [US/US]; 21195 S.W. Dana Court, Aloha, OR 97006 (US).

(74) **HENDRICKSEN, Mark, W.** et al. / etc.; Wells, St. John, Roberts, Gregory & Matkin, P.S., Suite 1300, 601 West First Avenue, Spokane, WA 99201–3828 (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 GW HU ID IL IS JP KE KG KP 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49431** (13) A1

(21) PCT/DE98/01189

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 17 922.3 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F01M 1/16, F04C 15/04, F04B 49/22, F16K 17/04**

(54) • TWO–STEP REGULATING VALVE
• SOUPAPE DE REGLAGE EN DEUX STADES

(71) **SCHWÄBISCHE HÜTTENWERKE GMBH** [DE/DE]; Wilhelmstrasse 64, D–73433 Aalen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DEHMEL, Harald** [DE/DE]; Fischerhausstrasse 21, D–88427 Bad Schussenried (DE). **LAUX, Robert** [DE/DE]; Biberacher Strasse 93, D–88427 Bad Schussenried (DE). **PETERS, Dieter** [DE/DE]; Robert–Bosch–Strasse 17, D–88427 Bad Schussenried (DE). **SAUTER, Dietmar** [DE/DE]; Hauptstrasse 39/1, D–88348 Saulgau (DE). **STÜTZLE, Günther** [DE/DE]; Buchauer Strasse 46, D–88427 Bad Schussenried (DE). **SCHREIBER, Bernd** [DE/DE]; Dunzenhausen 5, D–88427 Bad Schussenried (DE).

(74) **ZIRKEL, Herbert**; Schlegelstrasse 8, D–73433 Aalen (DE).

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

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(11) **WO 98/49432** (13) A1

(21) PCT/SE98/00793

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) sv (26) en

(31) 9701611–7 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F01M 13/00**

(54) • CRANKCASE VENTILATION IN AN INTERNAL COMBUSTION ENGINE
• VENTILATION DU CARTER DE VILEBREQUIN DANS UN MOTEUR A COMBUSTION INTERNE

(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) **GYLLENSTEDT, Jan** [SE/SE]; Halleröd 1377, S–442 90 Kungälv (SE).

(74) **HELLBOM, Lars** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 3137, S–103 62 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49433** (13) A1

(21) PCT/ES98/00110

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) es (26) es

(31) U 9701168 (32) **29 Apr/avr 1997 (29.04.1997)** (33) ES

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F01N 3/08, B01J 19/12**

(54) • DECONTAMINATING DEVICE FOR VEHICLES THROUGH THE USE OF LASER
• DEPOLLUEUR AU LASER POUR VEHICULES

(71, 72) **LAMATA CORTES, Luis León** [ES/ES]; Urbanización Recreo San Pedro, Plablo Neruda, 16, E–11130 Chiclana (ES).

(74) **ELZABURU MARQUEZ, Alberto**; Miguel Angel, 21, E–28010 Madrid (ES).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49434** (13) A1

(21) PCT/AU98/00300

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) PO 6410 (32) **24 Apr/avr 1997 (24.04.1997)** (33) AU

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02B 33/10, 75/24, 75/28, 75/40**

(54) • INTERNAL COMBUSTION ENGINE
• MOTEUR A COMBUSTION INTERNE

(71, 72) **MITCHELL, William, Richard** [AU/AU]; 10 Macintyre Crescent, Sylvania Waters, NSW 2224 (AU).

(74) **F.B. RICE & CO.**; 605 Darling Street, Balmain, NSW 2041 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49435** (13) A1

(21) PCT/NL98/00223

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) nl (26) en

(31) 1005904 (32) **25 Apr/avr 1997 (25.04.1997)** (33) NL

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02B 53/00, F01C 1/10, 19/04**

(54) • ROTARY PISTON MACHINE
• MOTEUR A PISTON ROTATIF

(71, 72) **DE GEUS, Pieter, Adolf** [NL/NL]; Overblaak 95, NL–3011 MH Rotterdam (NL).

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

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(11) **WO 98/49436** (13) A1

(21) PCT/NO98/00126

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) no (26) en

(31) 971906 (32) **25 Apr/avr 1997 (25.04.1997)** (33) NO

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02B 75/26, 75/28, F02D 15/00**

(54) • ARRANGEMENT IN A COMBUSTION ENGINE WITH INTERNAL COMBUSTION
• SYSTEME DE MOTEUR A COMBUSTION INTERNE

(71, 72) **HENRIKSEN, Leif, Dag** [NO/NO]; Luksefjell 266, N–3716 Skien (NO).

(74) **A/S BERGEN PATENTKONTOR**; Strandgt. 191, N–5004 Bergen (NO).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49437** (13) A1

(21) PCT/NO98/00125

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) no (26) en

(31) 971907 (32) **25 Apr/avr 1997** (33) NO **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02B 75/28, 75/26**

(54) • ARRANGEMENT IN A TWO CYCLE COMBUSTION ENGINE WITH INTERNAL COMBUSTION
• DISPOSITIF DANS UN MOTEUR A COMBUSTION INTERNE POSSEDANT DEUX CYCLES DE COMBUSTION

(71, 72) **HENRIKSEN, Leif, Dag** [NO/NO]; Luksefjell 266, N–3716 Skien (NO).

(74) **A/S BERGEN PATENTKONTOR**; Strandgt. 191, N–5004 Bergen (NO).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49438** (13) A1

(21) PCT/US98/06038

(22) **25 Mar/mar 1998 (25.03.1998)**

(25) en (26) en

(31) 08/846,396 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02C 3/36, 3/20**

(54) • POWER PLANT WITH PARTIAL OXIDATION AND SEQUENTIAL COMBUSTION
• CENTRALE A OXYDATION PARTIELLE ET COMBUSTION SEQUENTIELLE

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(72) **YANG, Wen–Ching**; 236 Mt. Vernon Avenue, Export, PA 15632 (US). **NEWBY, Richard, A.**; 149 Spring Grove Road, Pittsburgh, PA 15235 (US). **BANNISTER, Ronald, L.**; 695 Bear Creek Court, Winter Springs, FL 32708 (US).

(74) **MAIRE, David, G.**; Westinghouse Electric Corporation, Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(81) CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49439** (13) A1

(21) PCT/SE98/00799

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 9701667–9 (32) **30 Apr/avr 1997** (33) SE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02M 25/08, 33/02, F02D 41/22, G01M 3/26, B60K 15/035**

(54) • METHOD AND DEVICE FOR LEAKAGE TESTING IN A TANK SYSTEM
• PROCEDE ET DISPOSITIF SERVANT A CONTROLER LES FUITES DANS UN RESERVOIR

(71) **AB VOLVO** [SE/SE]; S–405 08 Göteborg (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÜLLER, Jan** [SE/SE]; Gullringsvägen 7 C, S–423 70 Säve (SE). **ÅLLEVING, Peter** [SE/SE]; Tennisvägen 5, S–441 55 Alingsås (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S–401 22 Göteborg (SE).

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

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(11) **WO 98/49440** (13) A1

(21) PCT/CA98/00382

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/842,252 (32) **24 Apr/avr 1997** (33) US **(24.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02M 35/12**

(54) • INTEGRATED DUCT AND RESONATOR FOR AN AUTOMOBILE ENGINE AIR INDUCTION SYSTEM
• ENSEMBLE MONOBLOC CONDUIT ET SILENCIEUX A RESONANCE DESTINE A UN SYSTEME D'INDUCTION D'AIR D'UN MOTEUR AUTOMOBILE

(71) **SIEMENS CANADA LIMITED** [CA/CA]; 16 Industrial Park Road, Tilbury, Ontario N0P 2L0 (CA).

(72) **BLOOMER, Stephen, F.**; 29 Scottsdale Street, Lambeth, Ontario N0L 1S3 (CA). **MERRITT, Mark, W.**; 88 Whippoorwill Crescent, Chatham, Ontario N7L 4A3 (CA).

(74) **MacRAE & CO.**; P.O. Box 806, Station "B", Ottawa, Ontario K1P 5T4 (CA).

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

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(11) **WO 98/49441** (13) A1

(21) PCT/DE98/00507

(22) **20 Feb/fév 1998 (20.02.1998)**

(25) de (26) de

(31) 197 17 494.9 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02M 41/14, 59/46**

(54) • DISTRIBUTOR FUEL INJECTION PUMP
• POMPE D'INJECTION DE CARBURANT DISTRIBUTRICE

(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) **NOTHDURFT, Heinz** [DE/DE]; Keidelstrasse 15, D–70597 Stuttgart (DE). **RODRIGUEZ–AMAYA, Nestor** [DE/DE]; Dennerstrasse 70, D–70372 Stuttgart (DE). **DUTT, Andreas** [DE/DE]; Siegelbergstrasse 44, D–70469 Stuttgart (DE). **GREIF, Hubert** [DE/DE]; Platanenweg 53, D–71706 Markgröningen (DE).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49442** (13) A1

(21) PCT/DE98/00452

(22) **17 Feb/fév 1998 (17.02.1998)**

(25) de (26) de

(31) 197 17 493.0 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02M 45/06, 59/36, 41/12**

(54) • FUEL INJECTION SYSTEM
• SYSTEME D'INJECTION DE CARBURANT

(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) **NICOL, Stuart–William** [GB/DE]; Urbanstrasse 62 A, D–70182 Stuttgart (DE).

(81) CN CZ JP KR RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49443** (13) A1

(21) PCT/FR98/00778

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) fr (26) fr

(31) 97/05129 (32) **25 Apr/avr 1997** (33) FR **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02M 69/04, 27/08, 51/08**

(54) • INTERNAL COMBUSTION ENGINE FUEL INJECTING DEVICE
• DISPOSITIF D'INJECTION DE CARBURANT POUR MOTEUR A COMBUSTION INTERNE

(71) **RENAULT** [FR/FR]; 34, quai du Point du Jour, F–92109 Boulogne Billancourt (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **AGNERAY, André** [FR/FR]; 62, quai du Point du Jour, F–92109 Boulogne Billancourt (FR). **LEVIN, Laurent** [FR/FR]; 71, rue Convention, F–75015 Paris (FR).

(74) **FERNANDEZ, Francis**; Renault, Service 0267, 860, quai de Stalingrad, F–92109 Boulogne Billancourt (FR).

(81) BR JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49444** (13) A1

(21) PCT/JP98/01901

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/123048 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F02P 3/05**

(54) • IGNITION SYSTEM
• SYSTEME D'ALLUMAGE

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101–8010 (JP). **HITACHI TOUBU SEMICONDUCTOR, LTD.** [JP/JP]; 15, Ooaza Asahidai, Moroyamamachi, Iruma–gun, Saitama 350–0444 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAMASAKI, Shigeyuki** [JP/JP]; Hitachi, Ltd., Semi–conductor & Integrated Circuits Division, 20–1, Josuihoncho 5–chome, Kodaira–shi, Tokyo 187–8588 (JP). **NAKAGOMI, Yoshiyuki** [JP/JP]; Hitachi, Ltd., Semi–conductor & Integrated Circuits Division, 20–1, Josuihoncho 5–chome, Kodaira–shi, Tokyo 187–8588 (JP). **NAKASU, Masatoshi** [JP/JP]; Hitachi Toubu Semiconductor, Ltd., 15, Ooaza Asahidai, Moroyamamachi, Iruma–gun, Saitama 350–0444 (JP). **SEKI, Tatuhiro** [JP/JP]; Hitachi, Ltd., Semi–conductor & Integrated Circuits Division, 20–1, Josuihoncho 5–chome, Kodaira–shi, Tokyo 187–8588 (JP).

(74) **TOKUWAKA, Kousei**; 16–8, Inokashira 5–chome, Mitaka–shi, Tokyo 181–0001 (JP).

(81) CN JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49445** (13) A1

(21) PCT/DE98/01168

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) de (26) de

(31) 197 17 871.5 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F03B 15/06, 15/16**

(54) • METHOD FOR CONTROLLING TURBINE SYSTEMS IN HYDROPOWER STATIONS
• PROCEDE POUR LA COMMANDE DE SYSTEMES DE TURBINES DANS DES CENTRALES HYDRAULIQUES

(71) **MITTERFELNER, Anna** [DE/DE]; Fasanenweg 2, D–85661 Forstinning (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MITTERFELNER, Otto** [DE/DE]; Fasanenweg 2, D–85661 Forstinning (DE).

(74) **TEGEL, Letizia**; Türkenstrasse 103, D–80799 München (DE).

(81) CA NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49446** (13) A1

(21) PCT/US98/07148

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 08/840,335 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F04B 17/00, 35/04**

(54) • BLOWER APPARATUS
• VENTILATEUR SOUFFLANT

(71) **HILL–ROM, INC.** [US/US]; 1069 State Route 46 East, Batesville, IN 47006–9167 (US).

(72) **SOLTANI, Sohrab**; 223 Muirfield Parkway, Charleston, SC 29414 (US). **ASHCRAFT, David, N.**; 1320 Crown Reach, Mt. Pleasant, SC 29464 (US). **PEREZ, Timothy, W.**; 1509 B. Theresa Drive, James Island, SC 29412 (US). **ROMANO, James, J.**; 135 Oyster Point Row, James Island, SC 29412 (US).

(74) **NIEDNAGEL, Timothy, E.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49447** (13) A1

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(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) TO97A000363 (32) **28 Apr/avr 1997** (33) IT **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F04B 39/00, 39/12**

(54) • A HERMETIC MOTOR–DRIVEN COMPRESSOR FOR REFRIGERATORS
• COMPRESSEUR HERMETIQUE ENTRAINE PAR MOTEUR POUR REFRIGERATEURS

(71) **EMBRACO EUROPE S.R.L.** [IT/IT]; Corso Matteotti, 49, I–10121 Torino (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BIANCHI, Vittorio** [IT/IT]; Via Ronco, 2, I–21030 Ferrera di Varese (IT).

(74) **SACONNEY, Piero** et al. / etc.; Jacobacci & Perani S.p.A., Corso Regio Parco, 27, I–10152 Torino (IT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49448** (13) A1

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(25) en (26) en

(31) S970318 (32) **30 Apr/avr 1997** (33) IE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F04D 7/04, 29/12**

(54) • A SEAL FOR A PUMP, AND A PUMP COMPRISING THE SEAL
• JOINT DESTINE A UNE POMPE ET POMPE COMPRENANT UN TEL JOINT

(71) **ALCAN INTERNATIONAL LIMITED** [CA/CA]; 945 Princess Street, Kingston, Ontario K7L 5L9 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DELANEY, George, Joseph** [IE/IE]; Clarenbridge, County Galway (IE).

(74) **F.F. GORMAN & CO.**; 54 Merrion Square, Dublin 2 (IE).

(81) AU CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49449** (13) A1

(21) PCT/JP98/01847

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/123560 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F04D 15/00**

(54) • FLUID MACHINERY
• MACHINE POUR FLUIDES

(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) **KOBAYASHI, Makoto** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **YAMAMOTO, Masakazu** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **MIYAKE, Yoshio** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **YAGI, Kaoru** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **UWAI, Keita** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **MIYAZAKI, Yoshiaki** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP). **IIJIMA, Katsuji** [JP/JP]; Ebara Corporation, 11–1, Haneda Asahi–cho, Ohta–ku, Tokyo 144–8510 (JP).

(74) **WATANABE, Isamu** et al. / etc.; Gowa Nishi–Shinjuku Building, 4th floor, 5–8, Nishi–Shinjuku 7–chome, Shinjuku–ku, Tokyo 160–0023 (JP).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GM GW HU ID IL IS KE KG KR KZ LC LK LR LS LT LV MD MG MK MN MW MX NO NZ PL RO RU SD SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49450** (13) A1

(21) PCT/JP98/01921

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/108703 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F15B 11/00**

(54) • DRIVE SYSTEM FOR HYDRAULIC MOTORS
• SYSTEME DE TRANSMISSION POUR MOTEURS HYDRAULIQUES

(71) **KOMATSU LTD.** [JP/JP]; 3–6, Akasaka 2–chome, Minato–ku, Tokyo 107–0052 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NUNOTANI, Sadao** [JP/JP]; Oyama Factory of Komatsu Ltd., 400, Yokokurashinden, Oyama–shi, Tochigi 323–0819 (JP). **ISHIZAKI, Naoki** [JP/JP]; Oyama Factory of Komatsu Ltd., 400, Yokokurashinden, Oyama–shi, Tochigi 323–0819 (JP).

(74) **HAMAMOTO, Tadashi**; Bansui Building, 5–16, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).

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

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(11) **WO 98/49451** (13) A1

(21) PCT/EP98/02408

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 297 07 639.6 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F15B 15/22**

(54) • SHOCK–PROOF HYDRAULIC CYLINDER
• CYLINDRE HYDRAULIQUE A PROTECTION ANTICHOC

(71) **STILL GMBH** [DE/DE]; Berzeliusstrasse 10, D–22113 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHÖNEWALD, Peter** [DE/DE]; Am Windhop 35, D–22145 Stapelfeld (DE). **BAER-WOLFF, Christian** [DE/DE]; Geibelstrasse 50, D–22303 Hamburg (DE). **GAFFKE, Heinz** [DE/DE]; Höpen 9, D–22415 Hamburg (DE).

(74) **LINDE AKTIENGESELLSCHAFT**; Abraham–Lincoln–strasse 21, D–65189 Weisbaden, Deutschland (DE).

(81) BR CZ JP KR US; EP (BE CY FR GR IE IT MC NL).

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(11) **WO 98/49452** (13) A1

(21) PCT/GB98/01209

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708734.0 (32) **29 Apr/avr 1997** (33) GB **(29.04.1997)**

(31) 9720239.4 (32) **23 Sep/sep 1997** (33) GB **(23.09.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16B 5/06, E04H 15/22, A63B 9/00**

(54) • INFLATABLE STRUCTURES
• STRUCTURES GONFLABLES

(71) **BOING LIMITED** [GB/GB]; The Old Malt House, Pennywell Road, Bristol BS5 0TJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAYLOR, David, Robert** [GB/GB]; Holly Tree, Hunger Hill, Newton Poppleford, Sidmouth, Devon EX10 0BZ (GB).

(74) **CALDERBANK, T., Roger** et al. / etc.; Mewburn Ellis, York House, 23 Kingsway, London WC2B 6HP (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49453** (13) A1

(21) PCT/DE98/01160

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) de (26) de

(31) 197 17 916.9 (32) **28 Apr/avr 1997** (33) DE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16B 7/14**

(54) • TENSIONING AND CLAMPING DEVICE
• DISPOSITIF DE SERRAGE ET DE BLOCAGE

(71, 72) **LAMBRECHT, Bernhard** [DE/DE]; Am Bahndamm 28–34, D–30453 Hannover (DE). **LAMBRECHT, Thomas** [DE/DE]; Am Bahndamm 28–34, D–30453 Hannover (DE).

(74) **JUNIUS, Walther**; Wolfstrasse 24, D–30519 Hannover (DE).

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

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(11) **WO 98/49454** (13) A1

(21) PCT/SE98/00592

(22) **30 Mar/mar 1998 (30.03.1998)**

(25) en (26) en

(31) 9701549–9 (32) **25 Apr/avr 1997** (33) SE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16C 13/02, 35/063, 35/078, B21B 31/00**

(54) • AN ARRANGEMENT AND A METHOD FOR MOUNTING AND DISMOUNTING A BEARING OF A HEAVY ROLL
• SYSTEME ET PROCEDE DE MONTAGE ET DEMONTAGE D'UN PALIER D'UN ROULEAU LOURD

(71) **SSAB OXELÖSUND AB** [SE/SE]; S–613 80 Oxelösund (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SKOGLUND, Henrik** [SE/SE]; Jägarvägen 1, S–613 36 Oxelösund (SE).

(74) **ÅSLUND, Roland**; SSAB Tunnplåt AB, S–781 84 Borlänge (SE).

(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 GW 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; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49455** (13) A2

(21) PCT/US98/07742

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 08/808,627 (32) **15 Apr/avr 1997** (33) US **(15.04.1997)**

(31) 60/070,936 (32) **9 Jan/jan 1998** (33) US **(09.01.1998)**

(31) 60/074,429 (32) **11 Feb/fév 1998** (33) US **(11.02.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16D**

(54) • MAGNETIC RATCHET/CLUTCH TYPE APPARATUS
• APPAREIL DE TYPE EMBRAYAGE/ROCHET MAGNETIQUE

(71, 72) **BARNETT, Franklin, E.** [US/US]; 1407 Colorado, La Junta, CO 81050 (US). **SMITH, Brian, D.** [US/US]; 8863 S. Maplewood Drive, Highlands Ranch, CO 80126 (US).

(74) **SMITH, Brian, D.**; Brian D. Smith, Suite 1800, 1700 Broadway, Denver, CO 80290 (US).

(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 UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49456** (13) A1

(21) PCT/US98/08496

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/848,105 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(31) Not furnished / non communiqué (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16D 41/16**

(54) • CONTROLLABLE OVERRUNNING COUPLING
• ACCOUPLEMENT A ROUE LIBRE REGLABLE

(71) **MEANS INDUSTRIES, INC.** [US/US]; 1860 South Jefferson, Saginaw, MI 48601–2893 (US).

(72) **KLECKER, Brian, D.**; 8401 Rockvalley Lane, Chesterfield, VA 23838 (US). **HARRISON, Sharon**; 18907 Woodpecker Road, Petersburg, VA 23803 (US).

(74) **DELEVIE, Hugo, A.** et al. / etc.; Brooks & Kushman, 22nd floor, 1000 Town Center, Southfield, MI 48075 (US).

(81) CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49457** (13) A1

(21) PCT/AU98/00306

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) PO 6446 (32) **28 Apr/avr 1997** (33) AU **(28.04.1997)**

(31) PO 9786 (32) **14 Oct/oct 1997** (33) AU **(14.10.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16D 43/18**

(54) • CLUTCH STRUCTURE
• STRUCTURE D'EMBRAYAGE

(71, 72) **NOTARAS, John, Arthur** [AU/AU]; 9 Fred Street, Lilyfield, NSW 2040 (AU). **NOTARAS, Angelo, Lambrinos** [AU/AU]; 9 Fred Street, Lilyfield, NSW 2040 (AU).

(74) **CARTER SMITH & BEADLE**; P.O. Box N301, Grosvenor Place, NSW 1220 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49458** (13) A1

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(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9701589–5 (32) **28 Apr/avr 1997** (33) SE **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16D 65/40, 65/46**

(54) • BRAKE LINING WEAR ADJUSTER ASSEMBLY
• SYSTEME DE RATTRAPAGE AUTOMATIQUE D'USURE

(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) **ANGERFORS, Dan** [SE/SE]; Nolås Anders vägen 21, S–448 31 Floda (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S–401 22 Göteborg (SE).

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

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(11) **WO 98/49459** (13) A2

(21) PCT/US98/07436

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 08/845,294 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16F 1/387**

(54) • SELF–ALIGNING VIBRATION MOUNT WITH COMPOUND–ANGLED FLEXING ELEMENTS
• SUPPORT ANTIVIBRATION A AUTO–ALIGNEMENT POURVU D'ELEMENTS DE FLEXION A ANGLES COMPOSES

(71) **LORD CORPORATION** [US/US]; Crossroads Corporate Plaza, Building II, Suite 100, 110 Corning Road, Cary, NC 27511 (US).

(72) **DAVID, Thomas, A.**; 1508 Pasadena Drive, Erie, PA 16505 (US).

(74) **WAYLAND, Randall, S.** et al. / etc.; Lord Corporation, Crossroads Corporate Plaza, Building II, Suite 100, 110 Corning Road, Cary, NC 27511 (US).

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

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(11) **WO 98/49460** (13) A2

(21) PCT/EP98/02206

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) de (26) de

(31) 197 17 692.5 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16F 15/023, 9/53**

(54) • SPRING/MASS VIBRATORY FORCE COUPLER
• COUPLEUR A FORCES VIBRATOIRES POUR RESSORTS/MASSES

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D–51368 Leverkusen (DE). **CARL SCHENCK AG** [DE/DE]; Landwehrstrasse 55, D–64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POHL, Andreas** [DE/DE]; Ringstrasse 69, D–64823 Groß–Umstadt (DE). **ROSENFELDT, Horst** [DE/DE]; Blumenstrasse 35, D–64846 Groß–Zimmern (DE). **WENDT, Eckhardt** [DE/DE]; Walter–Flex–Strasse 13, D–51373 Leverkusen (DE). **BÜSING, Klaus** [DE/DE]; Humboldtstrasse 24, D–50676 Köln (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49461** (13) A1

(21) PCT/EP98/02207

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) de (26) de

(31) 197 17 693.3 (32) **26 Apr/avr 1997** (33) DE **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16F 15/027, 13/26**

(54) • ADJUSTMENT AND DAMPING DEVICE
• DISPOSITIF D'AJUSTEMENT ET D'AMORTISSEMENT

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D–51368 Leverkusen (DE). **CARL SCHENCK AG** [DE/DE]; Landwehrstrasse 55, D–64239 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **POHL, Andreas** [DE/DE]; Ringstrasse 69, D–64823 Gross–Umstadt (DE). **ROSENFELDT, Horst** [DE/DE]; Blumenstrasse 35, D–64846 Gross–Zimmern (DE). **WENDT, Eckhardt** [DE/DE]; Walter–Flex–Strasse 13, D–51373 Leverkusen (DE). **BÜSING, Klaus** [DE/DE]; Humboldtstrasse 24, D–50676 Köln (DE).

(74) **BAYER AKTIENGESELLSCHAFT**; D–51368 Leverkusen (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49462** (13) A1

(21) PCT/FR98/00753

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) fr (26) fr

(31) 97/05432 (32) **25 Apr/avr 1997** (33) FR **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16G 11/00**

(54) • CABLE MOORING SLEEVE
• DOUILLE D'AMARRAGE POUR CABLE

(71) **SOCIETE ANONYME DES FORGES LE BEON** [FR/FR]; 7, boulevard Nail, F–56100 Lorient (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LE BEON, Roger** [FR/FR]; Manoir de la Villeneuve, F–56150 Baud (FR). **ZOLIEC, Jean–Paul** [FR/FR]; Moulin de Kerbastar, F–56330 Pluvigner (FR).

(74) **BEAUFILS, Yves** et al. / etc.; Cabinet Ballot–Schmit, 4, rue Général Hoche, F–56100 Lorient (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49463** (13) A1

(21) PCT/EP98/01508

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) de (26) de

(31) 197 17 409.4 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 7/08**

(54) • CHAIN TENSIONER
• TENDEUR DE CHAINE

(71) **INA WÄLZLAGER SCHAEFFLER OHG** [DE/DE]; D–91072 Herzogenaurach (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ULLEIN, Thomas** [DE/DE]; Kühruhweg 1, D–96135 Stegaurach (DE).

(74) **INA WÄLZLAGER SCHAEFFLER OHG**; D–91072 Herzogenaurach (DE).

(81) BR DE JP KR US.

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(11) **WO 98/49464** (13) A1

(21) PCT/CZ98/00016

(22) **31 Mar/mar 1998 (31.03.1998)**

(25) en (26) en

(31) PV 1318–97 (32) **30 Apr/avr 1997** (33) CZ **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 25/04, E06B 9/72**

(54) • A TUBE MOTOR
• MOTEUR TUBULAIRE

(71, 72) **POULEK, Vladislav** [CZ/CZ]; Kaštanová 1481, 250 01 Brandys nad Labem (CZ).

(74) **LACINA, Luboš**; Pragopatent, s.r.o., P.O. Box 14, 143 00 Praha 412 (CZ).

(81) AT AU AZ BB BG BR CA CH CN CU DE DK ES FI GB HU IL IS JP KE KR KZ LC LK LR LS LU MG MN MW MX NO NZ PL PT RO RU SD SE SG SK TR TT UA UG US VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49465** (13) A1

(21) PCT/US98/08258

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,322 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 09/059,418 (32) **14 Apr/avr 1998 (14.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 37/08**

(54) • MULTI–RANGE, BELT–TYPE, CONTINUOUSLY VARIABLE TRANSMISSION
• TRANSMISSION A CHANGEMENT DE VITESSES CONTINU A PLAGES MULTIPLES, DU TYPE A COURROIE

(71) **GENERAL DYNAMICS LAND SYSTEMS, INC.** [US/US]; 38500 Mound Road, Sterling Heights, MI 48310 (US).

(72) **LARKIN, Robert, Francis**; 51 Broad Street, Pittsfield, MA 01201 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49466** (13) A1

(21) PCT/US98/08545

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/848,619 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 39/08**

(54) • SWASHPLATE ASSEMBLIES FOR INFINITELY VARIABLE HYDROSTATIC TRANSMISSIONS
• ENSEMBLES PLATEAUX OSCILLANTS POUR TRANSMISSIONS HYDROSTATIQUES VARIABLE EN CONTINU

(71) **GENERAL DYNAMICS DEFENSE SYSTEMS, INC.** [US/US]; 3190 Fairview Park Drive, Falls Church, VA 22042 (US).

(72) **FOLSOM, Lawrence, R.**; 21 Meadow Ridge Drive, Pittsfield, MA 01201 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49467** (13) A1

(21) PCT/US98/08253

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,323 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) Not furnished / non communiqué (32) **8 Apr/avr 1998 (08.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 39/10**

(54) • CONTINUOUSLY VARIABLE HYDROSTATIC TRANSMISSION RATIO CONTROLLER CAPABLE OF GENERATING AMPLIFIED STROKING FORCES
• UNITE DE COMMANDE DE RAPPORT DE TRANSMISSION HYDROSTATIQUE A CHANGEMENT DE VITESSES CONTINU CAPABLE DE PRODUIRE DES FORCES DE COURSES AMPLIFIEES

(71) **GENERAL DYNAMICS LAND SYSTEMS, INC.** [US/US]; 38500 Mound Road, Sterling Heights, MI 48310 (US).

(72) **LARKIN, Robert, Francis**; 51 Broad Street, Pittsfield, MA 01201 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49468** (13) A1

(21) PCT/US98/08263

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,324 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 09/062,728 (32) **20 Apr/avr 1998 (20.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 39/10**

(54) • CONTINUOUSLY VARIABLE HYDROSTATIC TRANSMISSION INCLUDING 1:1 RATIO LOCK–UP CLUTCH
• TRANSMISSION HYDROSTATIQUE A CHANGEMENT DE VITESSES CONTINU AYANT UN MECANISME DE VERROUILLAGE DE RAPPORT 1/1

(71) **GENERAL DYNAMICS LAND SYSTEMS, INC.** [US/US]; 38500 Mound Road, Sterling Heights, MI 48310 (US).

(72) **FOLSOM, Lawrence, Ray**; 21 Meadow Ridge Drive, Pittsfield, MA 01201 (US). **TUCKER, Clive**; 19 Caratina Avenue, Pittsfield, MA 01201 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49469** (13) A1

(21) PCT/FR98/00836

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) fr (26) fr

(31) 97/05262 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 45/02**

(54) • HYDROKINETIC COUPLING APPARATUS PROVIDED WITH ELASTIC ANTI–NOISE MEANS, PARTICULARLY FOR MOTOR VEHICLES
• APPAREIL D'ACCOUPLEMENT HYDROCINETIQUE DOTE DE MOYENS ELASTIQUES ANTI–BRUIT, NOTAMMENT POUR VEHICLES AUTOMOBILES

(71) **VALEO** [FR/FR]; 43, rue Bayen, F–75017 Paris (FR).

(72) **THEVENON, Luc**; 11, rue Duhesme, F–75018 Paris (FR). **VERSCHAEVE, Jean–Manuel**; 11, rue Duhesme, F–75018 Paris (FR).

(74) **GAMONAL, Didier**; Valeo Management Services, Propriété Industrielle, 2, rue André Boulle, Boîte postale 150, F–94017 Creteil (FR).

(81) DE JP.

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(11) **WO 98/49470** (13) A1

(21) PCT/US98/08256

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,326 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) Not furnished / non communiqué (32) **13 Apr/avr 1998 (13.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 47/04**

(54) • MULTI– RANGE HYDROMECHANICAL TRANSMISSION
• TRANSMISSION HYDROMECANIQUE A PLAGES MULTIPLES

(71) **GENERAL DYNAMICS LAND SYSTEMS, INC.** [US/US]; 38500 Mound Road, Sterling Heights, MI 48310 (US).

(72) **LARKIN, Robert, Francis**; 51 Broad Street, Pittsfield, MA 01201 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49471** (13) A1

(21) PCT/US98/08712

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,195 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16H 47/04, A01F 12/56**

(54) • HYDRO–MECHANICAL TRANSMISSION
• TRANSMISSION HYDRO–MECANIQUE

(71) **CASE CORPORATION** [US/US]; 700 State Street, Racine, WI 53404 (US).

(72) **HORSCH, Joachim**; 1128 South Ahrens, Lombard, IL 60148 (US).

(74) **MORROW, James, G.** et al. / etc.; Foley & Lardner, 777 East Wisconsin Avenue, Milwaukee, WI 53212 (US).

(81) AU BR CA RU UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49472** (13) A1

(21) PCT/US98/08786

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/848,072 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16J 9/28**

(54) • FRACTURED SEAL RING
• BAGUE D'ETANCHEITE A LIGNE DE FRACTURE

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

(72) **VAN RYPER, Richard, Gerard**; 2815 Bodine Drive, Wilmington, DE 19810 (US). **MOTT, James, Ronald**; 1664 Flint Hill Road, Landenberg, PA 19350 (US). **RAYMOND, Arnold, Wayne**; 7 Belfort Loop, Newark, DE 19702 (US). **STENTA, Christopher, Scott**; 259 Willard Drive, North East, MD 21901 (US).

(74) **MOYLES, Lisa, J.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) CA CN JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49473** (13) A1

(21) PCT/IL98/00195

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,038 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16J 15/40**

(54) • MAGNETIC FLUID SEAL APPARATUS FOR A ROTARY SHAFT
• DISPOSITIF DE JOINT D'ETANCHEITE MAGNETIQUE DESTINE A UN ARBRE ROTATIF

(71) **MFS TECHNOLOGY LTD.** [IL/IL]; Ahimeir Street 11/5, 69126 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIKHALEV, Iouri** [RU/RU]; Apartment 53, Stanko Street 36, Ivanovo, 153001 (RU). **LYSSENKOV, Serguei** [RU/RU]; Apartment 8, Stepanova Street 1/2, Ivanovo, 153001 (RU).

(74) **EITAN, PEARL, LATZER & COHEN–ZEDEK**; Lumir House, Maskit Street 22, 46733 Herzelia (IL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49474** (13) A1

(21) PCT/US98/08472

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,214 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 3/26, 31/52**

(54) • INLINE CONTROL VALVE
• VANNE DE REGULATION EN LIGNE

(71) **HYDRIL COMPANY** [US/US]; 3300 North Sam Houston Parkway East, Houston, TX 77032 (US).

(72) **MUCHOW, John, D.**; 755 Rolling Mill Drive, Sugar Land, TX 77478 (US).

(74) **OSHA, Jonathan, P.** et al. / etc.; Rosenthal & Osha L.L.P, Suite 4550, 700 Louisiana, Houston, TX 77002 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49475** (13) A1

(21) PCT/US98/08219

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,892 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 11/074**

(54) • MULTI–PORT DIVERTER VALVE
• VANNE DE DERIVATION MULTIVOIES

(71) **WYMAN–GORDON COMPANY** [US/US]; 244 Worcester Street, P.O. Box 8001, North Grafton, MA 01536–8001 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUNNINGHAM, Alan, John** [GB/GB]; 4 Crossridge Cottage, Carmicheal, By Biggar (GB).

(74) **BLODGETT, Gerry, A.** et al. / etc.; 43 Highland Street, Worcester, MA 01609 (US).

(81) JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49476** (13) A1

(21) PCT/US98/08739

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,281 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 15/14, F16L 29/02**

(54) • MEDICAL INTRAVENOUS ADMINISTRATION LINE CONNECTORS HAVING A LUER OR PRESSURE ACTIVATED VALVE
• CONNECTEURS MEDICAUX POUR TUBE D'ADMINISTRATION INTRAVEINEUSE DOTES D'UNE VANNE LUER OU ACTIONNEE PAR PRESSION

(71) **RYMED TECHNOLOGIES, INC.** [US/US]; 3110 Blue Sage Drive, Woodward, OK 73801 (US).

(72) **RYAN, Dana, Wm.**; 3110 Blue Sage Drive, Woodmard, OK 73801 (US).

(74) **GORDON, David, P.**; 65 Woods End Road, Stamford, CT 06905 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49477** (13) A1

(21) PCT/SE98/00783

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) sv (26) en

(31) 9701591–1 (32) **28 Apr/avr 1997 (28.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 29/00, 41/00**

(54) • REGULATING VALVE HAVING AN ESSENTIALLY HORIZONTAL STEM AND PROCESS FOR MANUFACTURING THE SAME
• SOUPAPE DE REGULATION POSSEDANT UNE TIGE HORIZONTALE ET SON PROCEDE DE FABRICATION

(71) **J WEISS TECHNIC SWEDEN AB** [SE/SE]; Lindbergsvägen 16, S–432 32 Varberg (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WEISS, Josef** [SE/SE]; Lindbergsvägen 16, S–432 32 Varberg (SE).

(74) **FÖRSVARETS MATERIELVERK**; Patentenheten, S–115 88 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49478** (13) A1

(21) PCT/US98/07859

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/846,121 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 31/126, 31/165, F15B 15/10**

(54) • DOUBLE CONVOLUTED PLIABLE PRESSURE CONVERSION UNIT
• UNITE DE CONVERSION DE PRESSION SOUPLE A DOUBLE CIRCONVOLUTION

(71) **FISHER CONTROLS INTERNATIONAL, INC.** [US/US]; 8000 Maryland Avenue, Clayton, MO 63105 (US).

(72) **EGGLESTON, Philip, Wayne**; 1813 Sandra Drive, Sherman, TX 75092 (US).

(74) **SCARPELLI, Nate, F.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49479** (13) A1

(21) PCT/US98/07619

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/846,043 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 31/165**

(54) • DOUBLE ACTING ROTARY VALVE ACTUATOR
• ACTIONNEUR DE SOUPAPE ROTATIVE A DOUBLE ACTION

(71) **FISHER CONTROLS INTERNATIONAL, INC.** [US/US]; 8000 Maryland Avenue, Clayton, MO 63105 (US).

(72) **EGGLESTON, Philip, Wayne**; 1813 Sandra Drive, Sherman, TX 75092 (US).

(74) **SCARPELLI, Nate, F.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49480** (13) A1

(21) PCT/US98/07858

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/845,312 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 31/165**

(54) • TENSION–SPRING RETURN ROTARY ACTUATOR
• ACTIONNEUR DE SOUPAPE ROTATIVE A RAPPEL DE RESSORT SOUS TENSION

(71) **FISHER CONTROLS INTERNATIONAL, INC.** [US/US]; 8000 Maryland Avenue, Clayton, MO 63105 (US).

(72) **EGGLESTON, Philip, Wayne**; 1813 Sandra Drive, Sherman, TX 75092 (US).

(74) **SCARPELLI, Nate, F.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49481** (13) A1

(21) PCT/US98/07863

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/845,617 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 31/165, F16D 1/08**

(54) • ROTARY VALVE ACTUATOR WITH ZERO LOST MOTION UNIVERSAL CONNECTION
• ACTIONNEUR DE VANNE ROTATIVE PRESENTANT UN RACCORD DE TYPE UNIVERSEL ET A JEU NUL

(71) **FISHER CONTROLS INTERNATIONAL, INC.** [US/US]; 8000 Maryland Avenue, Clayton, MO 63105 (US).

(72) **EGGLESTON, Philip, Wayne**; 1813 Sandra Drive, Sherman, TX 75092 (US).

(74) **SCARPELLI, Nate, F.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60601 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49482** (13) A1

(21) PCT/US98/07857

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 08/844,700 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 31/52**

(54) • ROTARY VALVE ACTUATOR WITH HIGH–LOW–HIGH TORQUE LINKAGE
• ACTIONNEUR DE SOUPAPE ROTATIVE AVEC TRINGLERIE A COUPLE DE VALEUR HAUTE–BASSE–HAUTE

(71) **FISHER CONTROLS INTERNATIONAL, INC.** [US/US]; 8000 Maryland Avenue, Clayton, MO 63105 (US).

(72) **EGGLESTON, Philip, Wayne**; 1813 Sandra Drive, Sherman, TX 75092 (US).

(74) **SCARPELLI, Nate, F.**; Marshall, O'Toole, Gerstein, Murray & Borun, 6300 Sears Tower, 233 South Wacker Drive, Chicago, IL 60606 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49483** (13) A1

(21) PCT/US98/08358

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/845,680 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) 09/060,966 (32) **15 Apr/avr 1998** (33) US **(15.04.1998)**

(31) 09/066,067 (32) **24 Apr/avr 1998** (33) US **(24.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16K 35/10**

(54) • LOCKOUT DEVICE
• DISPOSITIF D'INTERDICTION

(71) **NEELCHINE ENGINEERING, INC.** [US/US]; P.O. Box 15596, Rio Rancho, NM 87174 (US).

(72) **NEELEY, Rocky, E.**; P.O. Box 15336, Rio Rancho, NM 87174 (US). **LANE, James, N.**; 4012 Saint Andrews Drive, Rio Rancho, NM 87124 (US).

(74) **PEACOCK, Deborah, A.** et al. / etc.; Peacock, Myers & Adams, P.O. Box 26927, Albuquerque, NM 87125–6927 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49484** (13) A1

(21) PCT/GB98/01194

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708466.9 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16L 3/10**

(54) • CLAMPS
• COLLIERS DE SERRAGE

(71) **WALKERN VICTORIA INDUSTRIES LIMITED** [GB/GB]; High Street, Rillington, Malton, North Yorkshire YO17 8LA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CALVERT, Christopher, John** [GB/GB]; Jubilee House, Sheriff Hutton, York YO6 1PH (GB).

(74) **GODSILL, John, Kenneth**; Haseltine Lake & Co., Imperial House, 15–19 Kingsway, London WC2B 6UD (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49485** (13) A1

(21) PCT/US98/08718

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/848,811 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16L 11/15, 11/11**

(54) • ASYMMETRICAL CONVOLUTED TUBE
• TUBE ASYMETRIQUE A CIRCONVOLUTIONS

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; 1105 North Market Street, Wilmington, DE 19801 (US).

(72) **PONTBRIAND, Duane, J.**; 2050 Miller, Metamora, MI 48455 (US). **BENSKO, David**; 425 Forth Street, Oscoda, MI 48750 (US). **KLINGER, Gary, O.**; 4670 Red Maple Drive, Warren, MI 48092 (US).

(74) **HANLON, William, M., Jr.**; Young & Basile, Suite 624, 3001 West Big Beaver Road, Troy, MI 48084–3107 (US).

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

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(11) **WO 98/49486** (13) A1

(21) PCT/FR98/00863

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fr (26) fr

(31) 97/05361 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16L 55/033, 9/12, 11/04**

(54) • PIPE FOR CIRCULATING GASEOUS FLUIDS IN MOTOR VEHICLES
• TUYAU POUR LE TRANSPORT DE FLUIDES GAZEUX, NOTAMMENT DANS LES AUTOMOBILES

(71) **WESTAFLEX AUTOMOBILE SOCIETE ANONYME** [FR/FR]; 44, rue d'Avelghem, Boîte postale 427, F–59058 Roubaix Cedex 1 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEPOUTRE, Henri** [FR/FR]; 44, rue d'Avelghem, Boîte postale 427, F–59058 Roubaix Cedex 1 (FR).

(74) **COUTEL, Jean–Claude**; Cabinet Aymard & Coutel, 20, rue Vignon, F–75009 Paris (FR).

(81) BR JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49487** (13) A1

(21) PCT/US98/08847

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/846,912 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F16L 55/04**

(54) • ENERGY ATTENUATION APPARATUS AND METHOD FOR A SYSTEM CONVEYING PRESSURIZED LIQUID
• APPAREIL D'ATTENUATION D'ENERGIE ET PROCEDE CORRESPONDANT POUR SYSTEME TRANSPORTANT UN LIQUIDE SOUS PRESSION

(71) **DAYCO PRODUCTS, INC.** [US/US]; 1 Prestige Place, Miamisburg, OH 45342 (US).

(72) **COOPER, Jack, R.**; 21710 Morley, Dearborn, MI 48124 (US). **CHEN, Yungrwei**; 6178 Mission Drive, West Bloomfield, MI 48324 (US).

(74) **BECKER, Robert, W.** et al. / etc.; Robert Becker & Associates, Suite B, 11896 N. Highway 14, Tijeras, NM 87059 (US).

(81) AU BR CA JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49488** (13) A1

(21) PCT/US98/08430

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/846,195 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F21K 27/00**

(54) • BALLAST FIXTURE FOR FLUORESCENT LIGHTING
• BLOC BALLAST POUR ECLAIRAGE FLUORESCENT

(71) **JRS TECHNOLOGY, INC.** [US/US]; Glendale Technology Park, 1061 Perimeter Road West, Endicott, NY 13760 (US).

(72) **PETROZELLO, James, R.**; 925 Hill Avenue, Endicott, NY 13760 (US). **CHAPIN, Fletcher, W.**; 209 Meeker Road, Vestal, NY 13850 (US). **DRANCHAK, David, W.**; 1205 Manor Entrance, Endwell, NY 13760 (US). **MURCKO, Robert, M.**; 163 E. Hampton Road, Binghamton, NY 13903 (US). **KNAUSS, Scott, W.**; 105 David Lane, Endicott, NY 13760 (US). **KATYL, Robert, H.**; 317 Woodlawn Drive, Vestal, NY 13850 (US). **SUSKO, John, R.**; 613 Gary Hunt Road, Owego, NY 13827 (US).

(74) **LEVY, Mark**; Salzman & Levy, Suite 606, 19 Chenango Street, Binghamton, NY 13901 (US).

(81) CA CN JP KP KR MX RU SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49489** (13) A1

(21) PCT/GB98/01151

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 9708450.3 (32) **26 Apr/avr 1997 (26.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F21V 19/04, G21C 17/08**

(54) • LIGHT ASSEMBLY
• ENSEMBLE D'ECLAIRAGE

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILSON, Graham, John** [GB/GB]; British Nuclear Fuels plc, The Product Development Centre, Capenhurst, NR Chester CH1 9ER (GB).

(74) **GODDARD, David, John**; Harrison Goddard Foote, 1 Stockport Road, Marple, Stockport SK6 6BD (GB) et al. / etc.

(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 GW HU ID IL IS JP KE KG KP 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49490** (13) A1

(21) PCT/EP98/02487

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 18 486.3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F21V 21/02, A47F 11/10, F21S 3/02**

(54) • RACK LAMP
• LAMPE DE RAYONNAGE

(71) **DECOR–METALL KARL BECKER GMBH & CO. KG** [DE/DE]; Benzstrasse 3–5, D–32108 Bad Salzuflen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOSSHENRICH, Udo** [DE/DE]; Waldemeinestrasse 50, D–32108 Bad Salzuflen (DE).

(74) **HANEWINKEL, Lorenz**; Ferrariweg 17a, D–33102 Paderborn (DE).

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

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(11) **WO 98/49491** (13) A1

(21) PCT/JP97/02682

(22) **1 Aug/août 1997 (01.08.1997)**

(25) ja (26) ja

(31) 9/110857 (32) **28 Apr/avr 1997** (33) JP **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F21V 31/00, H01R 33/965, 33/02, H01K 1/44, H01R 13/52**

(54) • WATERPROOF COVER MECHANISM FOR BELT–LIKE LIGHTING FITTING, ILLUMINATOR, AND OUTDOOR LIGHTING SYSTEM
• MECANISME DE PROTECTION ETANCHE POUR DISPOSITIF D'ECLAIRAGE EN FORME DE BANDE, APPAREIL D'ECLAIRAGE ET INSTALLATION D'ECLAIRAGE EXTERIEUR

(71) **MORIYAMA SANGYO KABUSHIKI KAISHA** [JP/JP]; 5–10, Nakanobu 2–chome, Shinagawa–ku, Tokyo 142 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SATO, Katunori** [JP/JP]; 702–1, Oaza–Ujiie, Ujiie–machi, Shioya–gun, Tochigi 329–13 (JP). **MURATA, Kazuaki** [JP/JP]; Moriyama Building, 5–10, Nakanobu 2–chome, Shinagawa–ku, Tokyo 142 (JP).

(74) **KABASAWA, Joo** et al. / etc.; NSO Building, 1–22, Shinjuku 3–chome, Shinjuku–ku, Tokyo 160 (JP).

(81) CA CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49492** (13) A1

(21) PCT/US98/08223

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,041 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F21V 33/00, H01H 9/00**

(54) • SWITCH COVER PLATE PROVIDING AUTOMATIC EMERGENCY LIGHTING
• PLAQUE–COUVERCLE D'INTERRUPTEUR ASSURANT AUTOMATIQUEMENT UN ECLAIRAGE DE SECOURS

(71) **ELECTRO STATIC SOLUTIONS, LLC** [US/US]; 10005 Muirlands Avenue, Irvine, CA 92618 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORELAND, Greg** [US/US]; 9932 Noble Avenue, Mission Hills, CA 91345 (US).

(74) **SCOTT, Gene**; Patent Law & Venture Group, Suite 240, 2082 Business Center Drive, Irvine, CA 92612 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49493** (13) A1

(21) PCT/US98/07091

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 08/848,124 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F22B 29/04, 1/18**

(54) • DRUM–TYPE BOILER WITH ENHANCED CIRCULATION
• CHAUDIERE A TAMBOUR AVEC CIRCULATION AMELIOREE

(71, 72) **GUREVICH, Arkadiy, M.** [US/US]; 3002 Bradford Grove Lane, Louisville, KT 40220 (US).

(74) **CAMORIANO, Theresa, Fritz**; Wheat, Camoriano, Smith & Beres, PLC, 8225 Shelbyville Road, Louisville, KY 40222 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49494** (13) A1

(21) PCT/DE98/00948

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) de (26) de

(31) 197 17 544.9 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F23D 3/40, F01N 3/02**

(54) • EVAPORATION BURNER
• BRULEUR A EVAPORATION

(71) **J. EBERSPÄCHER GMBH & CO.** [DE/DE]; Eberspächerstrasse 24, D–73730 Esslingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLASCHKE, Walter** [DE/DE]; Am Schönen Rain 83, D–73732 Esslingen (DE).

(81) CZ DE JP US.

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(11) **WO 98/49495** (13) A1

(21) PCT/EP98/02367

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) M097A000077 (32) **28 Apr/avr 1997** (33) IT **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F23D 14/10, 14/16**

(54) • BURNER FOR GASEOUS FUELS
• BRULEUR POUR COMBUSTIBLE GAZEUX

(71) **WORGAS BRUCIATORI S.R.L.** [IT/IT]; Via A. Coppi, 17, I–41043 Formigine (IT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LASAGNI, Feliciano** [IT/IT]; Via Libertà, 826, I–41058 Vignola (IT). **BUCCILLI, Giorgio** [IT/IT]; Via della Palmarola, 22, I–00135 Roma (IT).

(74) **CRUGNOLA, Pietro**; Luppi & Grugnola S.r.l., Via Virgilio, 56/f, I–41100 Modena (IT).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49496** (13) A1

(21) PCT/US98/08316

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/847,142 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F23R 3/00**

(54) • AN APPARATUS FOR COOLING A COMBUSTER, AND A METHOD OF SAME
• PROCEDE ET APPAREIL DE REFROIDISSEMENT D'UNE CHAMBRE DE COMBUSTION

(71) **WESTINGHOUSE ELECTRIC CORPORATION** [US/US]; Westinghouse Building, Gateway Center, Pittsburgh, PA 15222 (US).

(72) **SHARIFI, Mehran**; 1044–212 Chatham Pines Circle, Winter Springs, FL 32708 (US). **WHIDDEN, Graydon, Lane**; 631 Great Blue Court, Orlando, FL 32825 (US). **ZOLYOMI, Wendel**; 1592 Hunters Stand Run, Oviedo, FL 32765 (US). **PARKER, David, Marchant**; 206 Echo Hollow Way, Oviedo, FL 32765 (US).

(74) **ABELES, Daniel, C.** et al. / etc.; Eckert Seamans Cherin & Mellott, LLC, 44th floor, 600 Grant Street, Pittsburgh, PA 15219 (US).

(81) CA KR MX PL; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49497** (13) A1

(21) PCT/GB98/01079

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708448.7 (32) **28 Apr/avr 1997** (33) GB **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F24B 5/04, 1/195**

(54) • WOOD AND MULTI–FUEL BURNING STOVE
• FOURNEAU A BOIS ET POLYCOMBUSTIBLE

(71, 72) **SWAINSON, Adam** [GB/GB]; Lower Pulworthy, Highampton, Beaworthy, Devon EX21 5LQ (GB).

(74) **ROCK, Olaf, Colin**; Trelawn, Cassington, Witney, Oxon OX8 1DN (GB).

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

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(11) **WO 98/49498** (13) A1

(21) PCT/CH98/00163

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 1018/97 (32) **30 Apr/avr 1997** (33) CH **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F24F 5/00, H05K 7/20**

(54) • METHOD AND ELEMENT FOR COOLING AN OFFICE INTERIOR
• PROCEDE ET ELEMENT POUR REFROIDIR UN LOCAL DE BUREAU

(71) **ERNST BASLER + PARTNER AG** [CH/CH]; Mühlebachstrasse 11, CH–8032 Zürich (CH). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KEGEL, Beat** [CH/CH]; Ernst Basler + Partner AG, Mühlebachstrasse 11, CH–8032 Zürich (CH).

(74) **LUCHS & PARTNER**; Schulhausstrasse 12, CH–8002 Zürich (CH).

(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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49499** (13) A1

(21) PCT/FI98/00325

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) fi (26) en

(31) 971590 (32) **15 Apr/avr 1997** (33) FI **(15.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F24F 13/068, 13/26**

(54) • APPARATUS FOR DISTRIBUTION OF INCOMING AIR TO ROOMS TO BE VENTILATED
• APPAREIL DE DISTRIBUTION DE L'AIR D'AMENEE DANS DES PIECES A VENTILER

(71) **ABB FLÄKT OY** [FI/FI]; Kalevantie 39, FIN–20520 Turku (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HAKALA, Into** [FI/FI]; Hirvitie 10, FIN–15880 Hollola (FI). **SALORANTA, Markku** [FI/FI]; Vehkakatu 7, FIN–15240 Lahti (FI). **POHJA, Jukka** [FI/FI]; Kekkurintie 3 A, FIN–15880 Hollola (FI). **SARIN, Dan** [FI/FI]; Tilkankuja 6 C 21, FIN–00300 Helsinki (FI). **LESKINEN, Seppo** [FI/FI]; Gumbontie, FIN–01120 Västerskog (FI). **ROLIN, Ingmar** [FI/FI]; Laaksopohjantie 5 A, FIN–02730 Espoo (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49500** (13) A1

(21) PCT/US98/08390

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,399 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F24H 3/00, A45D 20/10**

(54) • DUCTED FLOW HAIR DRYER
• SECHE–CHEVEUX A ECOULEMENT D'AIR CANALISE

(71) **SOUNDESIGN, L.L.C.** [US/US]; 6 Razorback Drive, Mercerville, NJ 08519 (US).

(72) **NOSENCHUCK, Daniel, M.**; 6 Razorback Drive, Merceville, NJ 08519 (US).

(74) **QUINLAN, David, M.**; David M. Quinlan, P.C., 40 Nassau Street, Princeton, NJ 08542 (US).

(81) AU CA CN JP MX; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49501** (13) A1

(21) PCT/AU98/00295

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) PO 6508 (32) **24 Apr/avr 1997** (33) AU **(24.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F24J 2/24, 2/46, 2/52**

(54) • SOLAR ABSORBERS
• DISPOSITIF D'ABSORPTION D'ENERGIE SOLAIRE

(71) **NEUMANN STEEL PTY. LTD.** [AU/AU]; Nuban Street, Currumbin, QLD 4223 (AU). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ARMSTRONG, William, Terence** [AU/AU]; 1359 Tamborine–Oxenford Road, Wongawallan, QLD 4210 (AU). **NEUMANN, Matthew, Peter** [AU/AU]; 29 Durobby Drive, Currumbin Valley, QLD 4223 (AU). **WRIGHT, David, William** [AU/AU]; Lot 2, Bains Road, Currumbin, QLD 4223 (AU).

(74) **FISHER ADAMS KELLY**; Patent & Trade Mark Attorneys, Level 13, AMP Place, 10 Eagle Street, G.P.O. Box 1413, Brisbane, QLD 4000 (AU).

(81) AU BR CA NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49502** (13) A1

(21) PCT/FR98/00854

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05394 (32) **30 Apr/avr 1997** (33) FR **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F25B 41/06, B60H 1/32**

(54) • REFRIGERATING FLUID CYCLE FOR MOTOR VEHICLE AIR CONDITIONING UNIT
• BOUCLE DE FLUIDE REFRIGERANT POUR INSTALLATION DE CLIMATISATION DE VEHICULE

(71) **VALEO CLIMATISATION** [FR/FR]; 8, rue Louis–Lormand, F–78321 La Verriere (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **POMME, Vincent** [FR/FR]; 3, allée Enzo Ferrari, F–78180 Montigny Le Bretonneux (FR).

(74) **RUIS, Alain**; Valeo Management Services, Propriété Industrielle, 2, rue André Boulle, Boîte postale 150, F–94017 Creteil (FR).

(81) BR CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49503** (13) A1

(21) PCT/US97/21284

(22) **12 Nov/nov 1997 (12.11.1997)**

(25) en (26) en

(31) 08/843,097 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F25B 49/02, 45/00, 41/04**

(54) • REFRIGERATION SYSTEM
• SYSTEME FRIGORIFIQUE

(71) **TYLER REFRIGERATION CORPORATION** [US/US]; 1329 Lake Street, Niles, MI 49120 (US).

(72) **BARROWS, Richard, C.**; 1329 Lake Street, Niles, MI 49120 (US).

(74) **DECKER, Ken, C.** et al. / etc.; Suite 250, 205 West Jefferson Boulevard, South Bend, IN 46601 (US).

(81) AU BR CA JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49504** (13) A1

(21) PCT/US98/07805

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/845,760 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F25C 3/04**

(54) • METHOD AND APPARATUS FOR MAKING SNOW

- PROCEDE ET APPAREIL POUR FABRIQUER DE LA NEIGE

(71) **RATNIK INDUSTRIES, INC.** [US/US]; 670 Phillips Road, Victor, NY 14564 (US).

(71, 72) **RATNIK, H., Ronald** [US/US]; 7 Cavan Way, Pittsford, NY 14564 (US).

(72) **RAPP, Louis, N.**; 9143 Ricketts Road, Dansville, NJ 14437 (US). **WANG, Timothy, C., Y.**; 71 Wheatfield Drive, Rochester, NJ 14616 (US).

(74) **KURZ, Warren, W.**; 15070 S.W. 132 Avenue, Miami, FL 33186 (US).

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

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(11) **WO 98/49505** (13) A1

(21) PCT/SE98/00735

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) sv (26) en

(31) 9701550–7 (32) **25 Apr/avr 1997** (33) SE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F25D 13/06, A23L 3/36**

(54) • METHOD AND APPARATUS FOR SURFACE FREEZING
• PROCEDE ET APPAREIL DE CONGELATION SUPERFICIELLE

(71) **FRIGOSCANDIA EQUIPMENT AB** [SE/SE]; P.O. Box 913, S–251 09 Helsingborg (SE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MALMBERG, Jonny** [SE/SE]; Nedre Holländaregatan 28, S–252 26 Helsingborg (SE). **OLSSON, Lennart** [SE/SE]; Brovägen 21, S–260 41 Nyhamnsläge (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 Malmö (SE).

(81) AU CA CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49506** (13) A1

(21) PCT/JP98/01845

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/109435 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F25D 23/06, 23/02, 23/08, 23/00, F25B 7/00**

(54) • LOW TEMPERATURE STORAGE CABINET
• MEUBLE DE RANGEMENT A BASSE TEMPERATURE

(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) **TAMAOKI, Yuichi** [JP/JP]; 4–14–20, Oizumi–machi, Shironouchi, Ora–gun, Gunma 370–0518 (JP). **SAKATA, Yasushi** [JP/JP]; 21–12, Matsunumacho, Tatebayashi–shi, Gunma 374–0056 (JP).

(74) **AMAGASA, Takashi**; 29–3, Hamacho, Ota–shi, Gunma 373–0853 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49507** (13) A1

(21) PCT/EP98/02515

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 297 07 866.6 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F25D 27/00, 29/00, 11/02**

(54) • REFRIGERATOR
• REFRIGERATEUR

(71) **BSH BOSCH UND SIEMENS HAUSGERÄTE GMBH** [DE/DE]; Hochstrasse 17, D–81669 München (DE).

(72) **ALTHAMMER, Hans**; Rebhuhnweg 12, D–89522 Heidenheim (DE). **JOKSCH, Harald**; Heideweg 20, D–89269 Vöhringen (DE). **LIPP, Walter**; Wittislingerstrasse 8, D–89437 Haunsheim (DE). **LIMBÄCHER, Manfred**; Im Lachmahd 17a, D–89428 Syrgenstein (DE).

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

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(11) **WO 98/49508** (13) A1

(21) PCT/US98/02423

(22) **10 Feb/fév 1998 (10.02.1998)**

(25) en (26) en

(31) 08/841,230 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F26B 3/12, 17/10**

(54) • DRYING AND PROCESSING OF RAW FOOD MATERIAL
• SECHAGE ET TRAITEMENT DE PRODUIT ALIMENTAIRE CRU

(71) **GRIFFIN INDUSTRIES, INC.** [US/US]; 4221 Alexandria Pike, Cold Spring, KY 41076–1897 (US).

(72) **GRIFFIN, Dennis, B.**; 3636 Turkeyfoot Road, Erlanger, KY 41018 (US). **CROWLEY, John, L.**; 324 West Marie Drive, Alexandria, KY 41001 (US).

(74) **SCHICKLI, Warren, D.** et al. / etc.; King and Schickli, Suite 210, 3070 Harrodsburg Road, Lexington, KY 40503 (US).

(81) CA CN JP MX; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49509** (13) A1

(21) PCT/US98/08245

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,993 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F26B 9/00**

(54) • OPEN BURNER PLENUM FOR A FLOTATION DRYER
• CHAMBRE DE REPARTITION D'AIR DE BRULEUR A FLAMME NUE POUR SECHOIR PAR FLOTTATION

(71) **OPLINK COMMUNICATION, INC.** [US/US]; Suite 150, 2381 Zanker Road, San Jose, CA 95131 (US).

(72) **BRIA, Michael, P.**; 943 South Jackson Street, Green Bay, WI 54301 (US).

(74) **BITTMAN, Mitchell, D.**; Sequa Corporation, 3 University Plaza, Hackensack, NJ 07601 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49510** (13) A1

(21) PCT/FI98/00371

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fi (26) en

(31) 971816 (32) **28 Apr/avr 1997** (33) FI **(28.04.1997)**

(31) 974205 (32) **11 Nov/nov 1997** (33) FI **(11.11.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F26B 21/06, F24F 3/16**

(54) • AIR TREATMENT DEVICE, INSTALLATION, AND METHOD
• DISPOSITIF, INSTALLATION ET PROCEDE DE TRAITEMENT DE L'AIR

(71) **OY HESASBEST AB** [FI/FI]; Hämeentie 103 D, FIN–00550 Helsinki (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **MÄKIPÄÄ, Pentti** [FI/FI]; Kalevankatu 32 E 28, FIN–00100 Helsinki (FI). **MÄKIPÄÄ, Vesa** [FI/FI]; Itäinen Puistotie 12 A 9, FIN–00140 Helsinki (FI). **KULMALA, Ilpo** [FI/FI]; Puutarhakatu 29 D 86, FIN–33210 Tampere (FI).

(74) **LAINE, Seppo** et al. / etc.; Seppo Laine Oy, Lönnrotinkatu 19 A, FIN–00120 Helsinki (FI).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49511** (13) A1

(21) PCT/US98/04901

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/848,589 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F28D 19/04**

(54) • ROTARY REGENERATIVE HEAT EXCHANGER WITH MULTIPLE LAYER BASKETS
• ECHANGEUR ROTATIF DE CHALEUR REGENERATIVE COMPORTANT DES COUCHES MULTIPLES DE PANIERS

(71) **ABB AIR PREHEATER, INC.** [US/US]; Andover Road, Wellsville, NY 14895–0372 (US).

(72) **RITTER, Kent, E.**; R.D. #2, Box 323, Wellsville, NY 14895 (US).

(74) **FOURNIER, Arthur, E., Jr.** et al. / etc.; Patent Services, 2000 Day Hill Road, Windsor, CT 06095 (US).

(81) BR CA CN CZ ID JP MX PL; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49512** (13) A1

(21) PCT/US98/08360

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/846,375 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F41C 27/00, F41A 21/00**

(54) • HARMONIC OPTIMIZATION SYSTEM FOR RIFLES
• SYSTEME D'OPTIMISATION HARMONIQUE POUR CARABINES

(71, 72) **ROBLYER, Steven** [US/US]; 721 Snyder, Richland, WA 99352 (US). **SCHWINKENDORF, Kevin** [US/US]; 1121 Pine, Richland, WA 99352 (US).

(74) **IVEY, Floyd, E.**; P.O. Box 6125, Kennewick, WA 99336 (US).

(81) BG BR CA CN CZ HU JP KR; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49513** (13) A1

(21) PCT/SE98/00755

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) sv (26) en

(31) 9701621–6 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F41F 1/06, 3/04 // F41A 27/00**

(54) • ARRANGEMENT FOR AIMING, MOUNTING GUN CARRIAGE, ELEVATING ONE OR SEVERAL BARREL WEAPONS
• SYSTEME DE POINTAGE, D'AFFUT ET DE REGLAGE EN HAUTEUR D'AU MOINS UNE ARME A CANON

(71, 72) **ROHEIM, Karl–Axel** [SE/SE]; Skolgatan 2 B, S–149 30 Nynäshamn (SE).

(74) **BILLBERG, Hans** et al. / etc.; Axel Ehrners Patentbyrå AB, P.O. Box 10316, S–100 55 Stockholm (SE).

(81) CA NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49514** (13) A2

(21) PCT/US98/07793

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/848,626 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F41G 3/26**

(54) • SYSTEM AND METHOD FOR ENABLING DIGITAL PURSUIT OF NATURAL AND ARTIFICIAL TARGETS
• SYSTEME ET PROCEDE PERMETTANT LA POURSUITE NUMERIQUE DE CIBLES NATURELLES ET ARTIFICIELLES

(71) **GLYNN SHANNON, LLC** [US/US]; 3559 Crowfoot Valley Road, Castle Rock, CO 80104 (US).

(72) **STRICH, Ronald, F.**; 3559 Crowfoot Valley Road, Castle Rock, CO 80104 (US).

(74) **STEWART, David, L.** et al. / etc.; McDermott, Will & Emery, Suite 300, 99 Canal Center Plaza, Alexandria, VA 22314 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH GM GW HU ID IL 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 ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49515** (13) A1

(21) PCT/GB97/02581

(22) **22 Sep/sep 1997 (22.09.1997)**

(25) en (26) en

(31) 9708629.2 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F42B 5/26**

(54) • BOTTLENECK AMMUNITION WITH HIGH MUZZLE VELOCITY
• MUNITIONS A EPAULEMENT A VITESSE INITIALE ELEVEE

(71) **BAUER, Eran, Nicodemus** [GB/GB]; Lodge Farm, Newark Road, Norton Disney, Lincoln LN6 9JP (GB). **BAUER, Gerard, Miet** [GB/GB]; Stable Cottage, Vicarage Lane, Wellingore, Lincoln LN5 0JF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARRACLOUGH, Trevor, Joe** [GB/GB]; 18 Lovatt Street, Stafford ST16 3DB (GB). **ALEXANDER, William, Rogers, Henry** [GB/GB]; Coton House Farm, Coton Lane, Ranton, Stafford ST18 9JY (GB).

(74) **ELSWORTH, Dominic, Stephen**; Loven & Co., Quantum House, 30 Tentercroft Street, Lincoln LN5 7DB (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49516** (13) A1

(21) PCT/US98/08615

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/847,281 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F42B 15/10, C06C 5/06**

(54) • SEALING DEVICE AND A METHOD FOR ASSEMBLY THEREOF
• DISPOSITIF D'ETANCHEITE ET SON PROCEDE D'ASSEMBLAGE

(71) **THE ENSIGN–BICKFORD COMPANY** [US/US]; 660 Hopmeadow Street, P.O. Box 483, Simsbury, CT 06070–0483 (US).

(72) **FRITZ, James, E.**; 118 Sandy Beach Road, Ellington, CT 06029 (US). **GRAHAM, John, A.**; 29 Colonial Road, Middletown, CT 06457 (US). **OLSON, Steven, L.**; 18 Greenhurst Road, West Hartford, CT 06107 (US). **RYDBERG, Jon, E.**; 68 Henley Way, Avon, CT 06001 (US).

(74) **LIBERT, Victor, E.** et al. / etc.; Law Office of Victor E. Libert, 3 Mill Pond Lane, P.O. Box 538, Simsbury, CT 06070–0538 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49517** (13) A1

(21) PCT/ES98/00108

(22) **25 Apr/avr 1998 (25.04.1998)**

(25) es (26) es

(31) U 9701123 (32) **25 Apr/avr 1997 (25.04.1997)** (33) ES

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **F42B 39/02**

(54) • POUCH FOR CARTRIDGES WITH AUTOMATIC CLOSING SYSTEM
• SAC A CARTOUCHES AVEC FERMETURE AUTOMATIQUE

(71, 72) **MARTINEZ MARTINEZ, Antonio** [ES/ES]; Avenida Virgen de los Dolores, 4, E–14004 Cordoba (ES).

(81) AU BR CA CN JP KE MX NO US ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49518** (13) A1

(21) PCT/US98/07296

(22) **10 Apr/avr 1998 (10.04.1998)**

(25) en (26) en

(31) 08/840,346 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01B 3/10**

(54) • TAPE MEASURE WITH MANUAL ENTRY ELECTRONIC MEASUREMENT RECORDING FEATURE
• METRE A RUBAN MUNI D'UN DISPOSITIF ELECTRONIQUE D'ENREGISTREMENT DES MESURES A ENTREES MANUELLES

(71, 72) **LINDSEY, Warren, M.** [US/US]; 14132 – 209th Avenue Northeast, Woodinville, WA 98072 (US).

(74) **KELBON, Marcia, S.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) CA CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49519** (13) A1

(21) PCT/CA98/00386

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/840,933 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01B 7/30**

(54) • ANGULAR DISPLACEMENT TRANSDUCER HAVING MAGNETICALLY PERMEABLE FLUX–DIRECTING TARGET
• DETECTEUR DE DEPLACEMENT ANGULAIRE DOTE D'UNE CIBLE A PERMEABILITE MAGNETIQUE ET ORIENTANT LE FLUX D'UN CHAMP MAGNETIQUE

(63) US 08/840,933 (CON) 25 Apr/avr 1997 (25.04.1997)

(71) **PHOENIXCLOUD EXPLORATIONS LTD.** [CA/CA]; 825 8th Avenue S.W. #2305, Calgary, Alberta T2P 2T4 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DONG, Chunli** [CA/CA]; 825 8th Avenue S.W. #2305, Calgary, Alberta T2P 2T4 (CA).

(74) **MANNING, Gavin, N.**; Oyen Wiggs Green & Mutala, 480 – The Station, 601 West Cordova Street, Vancouver, British Columbia V6B 1G1 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49520** (13) A1

(21) PCT/DE98/01069

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) de (26) de

(31) 197 18 024.8 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01B 7/30**

(54) • PATH/ANGLE SENSOR
• CAPTEUR DE DEPLACEMENT/D'ANGLE

(71) **HORST SIEDLE GMBH & CO. KG** [DE/DE]; Bregstrasse 1, D–78120 Furtwangen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UTZ, Rainer** [DE/DE]; Max–Eyth–Strasse 7, D–73760 Ostfildern (DE).

(74) **OTTE & JAKELSKI**; Mollenbachstrasse 37, D–71229 Leonberg (DE).

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

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(11) **WO 98/49521** (13) A1

(21) PCT/JP98/01916

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/109363 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01B 11/24, G06T 1/00, 7/00, H01L 21/60**

(54) • EQUIPMENT FOR INSPECTING SEMICONDUCTOR DEVICES
• INSTALLATION POUR INSPECTER DES DISPOSITIFS A SEMI–CONDUCTEURS

(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) **YAMAMOTO, Kazuyuki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **HIBARA, Tatsunori** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **OKAMURA, Masamitsu** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **SAKAMOTO, Masahiko** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **UNO, Masahiko** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2–3, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–8310 (JP). **YOSHIDA, Masaharu** [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) DE KR US.

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(11) **WO 98/49522** (13) A1

(21) PCT/US98/07884

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 120726 (32) **25 Apr/avr 1997** (33) IL **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01B 11/24, G11B 7/09, G01J 3/40**

(54) • METHOD AND APPARATUS FOR IMAGING AN OBJECT BY DIFFRACTIVE AUTOFOCUS
• PROCEDE ET APPAREIL POUR L'IMAGERIE D'UN OBJET PAR AUTOFOCUS A DIFFRACTION

(71) **GALORE SCANTEC LTD.** [IL/IL]; Building 3, Kiryat Weizmann Science Park, 70400 Ness Ziona (IL).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SCHAHAM, Moshe** [US/IL]; Hamalahim Street 4, 75437 Rishon Lezion (IL).

(74) **RADLER, Daniel, G.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202–4497 (US).

(81) AU CA IL JP KR MX SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49523** (13) A1

(21) PCT/US98/06872

(22) **10 Apr/avr 1998 (10.04.1998)**

(25) en (26) en

(31) 08/845,587 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01B 13/12, 13/00, G01P 5/12, G01F 1/69, 1/684**

(54) • DIFFERENTIAL HOT WIRE AIR GAUGE
• MANOMETRE PNEUMATIQUE DIFFERENTIEL A FIL CHAUD

(71) **ETEC SYSTEMS, INC.** [US/US]; 26460 Corporate Avenue, Hayward, CA 94545 (US).

(72) **THOMAS, Timothy, N.**; 16253 N.W. Oak Hills Drive, Beaverton, OR 97006 (US). **MIRRO, Eugene, Jr.**; 7850 S.W. Garden Home Road, Portland, OR 97223 (US).

(74) **KLIVANS, Norman, R.**; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) CA JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49524** (13) A1

(21) PCT/JP98/01842

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) ja (26) ja

(31) 9/109139 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01B 21/20**

(54) • METHOD OF DISCRIMINATING SHAPE ERRORS OF FREE–FORM CURVED SURFACE
• PROCEDE PERMETTANT D'ETABLIR UNE DISTINCTION ENTRE DES ERREURS DE FORME D'UNE SURFACE COURBE A FORME LIBRE

(71) **THE INSTITUTE OF PHYSICAL AND CHEMICAL RESEARCH** [JP/JP]; 2–1, Hirosawa, Wako–shi, Saitama 351–0198 (JP). **AMADA METRECS COMPANY LIMITED** [JP/JP]; 806, Takamori, Isehara–shi, Kanagawa 259–1196 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASE, Kiwamu** [JP/JP]; The Institute of Physical and Chemical Research, 2–1, Hirosawa, Wako–shi, Saitama 351–0198 (JP). **MAKINOUCHI, Akitake** [JP/JP]; The Institute of Physical and Chemical Research, 2–1, Hirosawa, Wako–shi, Saitama 351–0198 (JP). **KONDO, Tetsuya** [JP/JP]; Amada Metrecs Co., Ltd., 806, Takamori, Isehara–shi, Kanagawa 259–1196 (JP). **MORI, Naomichi** [JP/JP]; Amada Metrecs Co., Ltd., 806, Takamori, Isehara–shi, Kanagawa 259–1196 (JP).

(74) **HOTTA, Minoru** et al. / etc.; Asa International Patent Firm, Hara Building 2, 3F, 15–6, Shiba 4–chome, Minato–ku, Tokyo 108–0014 (JP).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49525** (13) A1

(21) PCT/DE98/01024

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) de (26) de

(31) 297 07 530.6 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01D 5/26**

(54) • MULTI–CHANNEL ELECTRICAL DEVICE WITH OPTICAL INTERFACES
• APPAREIL ELECTRIQUE MULTIVOIE AVEC INTERFACES OPTIQUES

(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) **HEITZER, Herbert** [DE/DE]; Weißdornweg 12, D–76149 Karlsruhe (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49526** (13) A1

(21) PCT/US98/08925

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,350 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01D 21/00**

(54) • CABLE TRAY ASSEMBLY FOR TESTING DEVICE
• PLATEAUX PORTE CABLES POUR APPAREIL DE CONTROLE

(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

(72) **KHATER, Nabil**; 1537 Musetta Court, San Jose, CA 95121 (US). **BAKER, David, A.**; 23820 Holly Hill Road, Hillsboro, OR 97123 (US).

(74) **SMITH–HILL, John**; Smith–Hill and Bedell, P.C., 1440 Pioneer Tower, 888 S.W. Fifth Avenue, Portland, OR 97204 (US).

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

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(11) **WO 98/49527** (13) A1

(21) PCT/SE98/00784

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) sv (26) en

(31) 9701648–9 (32) **30 Apr/avr 1997** (33) SE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01F 1/075, 1/115, B67D 5/08, G01D 5/12**

(54) • PULSE GENERATOR
• GENERATEUR D'IMPULSIONS

(71) **DRESSER WAYNE AB** [SE/SE]; P.O. Box 30049, S–200 61 Malmö (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGQVIST, Anders** [SE/SE]; Linnegatan 24, S–216 14 Malmö (SE). **LARSSON, Bengt, I.** [SE/SE]; Tingaröd 119, S–274 53 Skivarp (SE). **LUNDBY, Fredrik** [SE/SE]; Köpenhamnsvägen 7C, S–217 43 Malmö (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 Malmö (SE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49528** (13) A1

(21) PCT/GB98/01199

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708539.3 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01F 1/60, 1/58, 1/00**

(54) • ELECTROMAGNETIC FLOWMETER
• DEBITMETRE ELECTROMAGNETIQUE

(71) **KENT METERS LIMITED** [GB/GB]; Pondwicks Road, Luton, Bedfordshire LU1 3LJ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SOGHOMONIAN SALMASI, Zareh** [GB/GB]; 20 Downlands Court, Browning Road, Luton, Bedfordshire LU4 0LW (GB). **JIN, Wu** [GB/GB]; 8 The Magpies, Luton, Bedfordshire LU2 7XT (GB). **GREGG, Ronald, David** [FR/GB]; 13 Braybrooke Drive, Furzton, Milton Keynes MK41 1AE (GB). **MACMANUS, Gerard** [GB/GB]; 81 Woodside Road, Lower Woodside, Slip End, Bedfordshire LU1 4DJ (GB). **HOWARTH, Craig, Timothy** [GB/GB]; 65 Bearton Green, Hitchin, Hertfordshire SG5 1UG (GB).

(74) **MOIR, Michael, Christopher** et al. / etc.; Mathys & Squire, 100 Grays Inn Road, London WC1X 8AL (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49529** (13) A1

(21) PCT/AU98/00281

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) PO 6430 (32) **24 Apr/avr 1997** (33) AU **(24.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01F 1/66, 1/00, A01D 46/08**

(54) • APPARATUS FOR MONITORING THE VOLUME OF A PARTICULATE OR CLUMPY MATERIAL
• DISPOSITIF PERMETTANT DE CONTROLER LE VOLUME D'UNE MATIERE PARTICULAIRE OU EN FLOCONS

(71) **PRECISION FARMING AUSTRALIA PTY. LTD.** [AU/AU]; 2 Goyder Street, Corrigin, W.A. 6375 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHOENFISCH, Murray** [AU/AU]; Office 4, High Street Plaza, High Street, Toowoomba, QLD 4358 (AU).

(74) **MIZZI, Anthony, Paul**; Griffith Hack, 6th floor, 256 Adelaide Terrace, Perth, W.A. 6000 (AU).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49530** (13) A1

(21) PCT/US98/07683

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/847,693 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01F 3/14**

(54) • MULTIPLE FLUID METER ASSEMBLY
• ENSEMBLE DE DEBITMETRES MULTIPLES POUR FLUIDES

(71) **DRESSER INDUSTRIES, INC.** [US/US]; 2001 Ross Avenue, Dallas, TX 75201 (US).

(72) **SPALDING, Robert, George**; 609 Fountain Road, Salisbury, MD 21801 (US). **TAYLOR, Ken**; 16601 FM 1325 #217, Austin, TX 78728 (US).

(74) **KICE, Warren, B.** et al. / etc.; Haynes and Boone, L.L.P., Suite 3100, 901 Main Street, Dallas, TX 75202–3789 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

(11) **WO 98/49531** (13) A1

(21) PCT/US97/14884

(22) **22 Aug/août 1997 (22.08.1997)**

(25) en (26) en

(31) 08/846,157 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01K 11/06**

(54) • REVERSIBLE CHEMICAL THERMOMETER COMPOSITION AND THERMOMETER USING SAME
• COMPOSITION CHIMIQUE REVERSIBLE POUR THERMOMETRE ET THERMOMETRE UTILISANT CETTE COMPOSITION

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(72) **HOF, Craig, R.**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US).

(74) **HORNICKEL, John, H.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49532** (13) A1

(21) PCT/DE98/01133

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) de (26) de

(31) 197 17 671.2 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(31) 197 39 367.5 (32) **9 Sep/sep 1997 (09.09.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01K 17/16, F24D 19/10**

(54) • CALORIMETER FOR FLUID FLOWS AND A DEVICE FOR MONITORING THE OPERATION OF THERMAL SOLAR INSTALLATIONS
• CALORIMETRE POUR COURANTS FLUIDES ET DISPOSITIF DE SURVEILLANCE DU FONCTIONNEMENT D'INSTALLATIONS SOLAIRES THERMIQUES

(71, 72) **BÖHRINGER, Volker** [DE/DE]; Haldenstrasse 42, D–75417 Mühlacker (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49533** (13) A1

(21) PCT/EP98/02004

(22) **7 Apr/avr 1998 (07.04.1998)**

(25) de (26) de

(31) P 9700771 (32) **25 Apr/avr 1997 (25.04.1997)** (33) ES

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01M 3/38**

(54) • DETECTOR FOR A TEST GAS LEAK SEARCH DEVICE
• DETECTEUR POUR APPAREIL DE DETECTION DE FUITES A L'AIDE DE GAZ TEMOIN

(71) **LEYBOLD VAKUUM GMBH** [DE/DE]; Bonner Strasse 498, D–50968 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE LA CAL HEUSCH, Eduardo** [ES/ES]; Avenida Guadalquivir, 773, E–28729 Venturada (ES).

(74) **LEINEWEBER, Jürgen**; Aggerstrasse 24, D–50859 Köln (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49534** (13) A1

(21) PCT/GB98/01241

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9708709.2 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 3/32, 3/20**

(54) • BENDING APPARATUS
• APPAREIL DE CINTRAGE

(71) **EUROPEAN ATOMIC ENERGY COMMUNITY (EURATOM)** [LU/LU]; Commission of the European Communities, Bâtiment Jean Monnet, Plateau du Kirchberg, L–2920 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROEBBEN, Gert** [BE/BE]; Celestijnenlaan, 15 B22, B–3001 Heverlee (BE). **STEEN, Marc** [BE/NL]; Hoekweld 1, NL–1862 BA Bergen (NL). **NAGY, Endre** [NL/NL]; Akerslaan 45, NL–1815 HK Alkmaar (NL). **HARRISON, Victor** [GB/NL]; Tjalkstraat 25, NL–1826 DT Alkmaar (NL).

(74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (GB).

(81) CA JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49535** (13) A1

(21) PCT/DE98/01115

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 18 308.5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 19/04, 1/32, 3/20 // A61K 6/04**

(54) • METHOD FOR CHECKING BOND STRENGTH IN METAL CERAMIC SYSTEMS
• PROCEDE D'ESSAI DE LA RESISTANCE DE LA LIAISON DES DEUX COMPOSANTS DE SYSTEMES METAL–CERAMIQUE

(71, 72) **KOSPER, Jürgen** [DE/DE]; Holunderweg 39, D–55128 Mainz (DE).

(74) **LIEDTKE, Klaus**; Postfach 10 09 56, D–99019 Erfurt (DE).

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

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(11) **WO 98/49536** (13) A2

(21) PCT/DE98/01172

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 297 07 771.6 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/00**

(54) • DEVICE FOR DETERMINING FLUCTUATIONS IN END EXPIRATORY GASES, METHOD FOR DETERMINING FLUCTUATIONS IN RESPIRATORY METABOLISM AND THE USE OF SAID DEVICE
• DISPOSITIF POUR LA DETERMINATION DE GAZ EN FIN D'EXPIRATION, PROCEDE POUR LA DETERMINATION DES FLUCTUATIONS DANS LE METABOLISME RESPIRATOIRE ET UTILISATION DE CE DISPOSITIF

(71, 72) **WILDT, Ludwig** [DE/DE]; Haundorfer Strasse 2b, D–91074 Herzogenaurach (DE).

(72, 75) **MICHEL, Matthias** [DE/DE]; K.–H. Flach Strasse 32, D–61440 Oberursel (DE). **LICHT, Peter** [DE/DE]; Dompfaffstrasse 25, D–91088 Bubenreuth (DE).

(74) **NEIDL–STIPPLER, Cornelia**; Rauchstrasse 2, D–81679 München (DE).

(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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49537** (13) A1

(21) PCT/EP98/02358

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 97201235.5 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/00**

(54) • PHOTOBLEACHABLE LUMINESCENT LAYERS FOR CALIBRATION AND STANDARDIZATION IN OPTICAL MICROSCOPY
• COUCHES LUMINESCENTES POUVANT ETRE PHOTOBLANCHIES POUR LE CALIBRAGE ET L'ETALONNAGE EN MICROSCOPIE OPTIQUE

(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) **BRAKENHOFF, Godefriedus, Jacobus** [NL/NL]; Nieuwe Herengracht 79–II, NL–1011 RT Amsterdam (NL). **GHAUHARALI, Rick, Iftekar** [NL/NL]; Gerard Callenburgstraat 12–I, NL–1055 TW Amsterdam (NL). **HOFSTRAAT, Johannes, Willem** [NL/NL]; Marjoleinveld 4, NL–7006 VG Doetinchem (NL).

(74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL–6800 SB Arnhem (NL).

(81) CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49538** (13) A1

(21) PCT/US97/06968

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/00**

(54) • MONITORING OF MINIMUM FEATURES ON A SUBSTRATE
• CONTROLE DES DETAILS MINIMAUX SUR UN SUBSTRAT

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; Armonk, NY 10504 (US).

(72) **AUSSCHNITT, Christopher, Perry**; 118 Obtuse Road South, Brookfield, CT 06804 (US).

(74) **SRIKRISHNAN, Kris, V.**; IBM Corporation, Intellectual Property Law, Dept. 18G / Building 300–482, 1580 Route 52, Hopewell Junction, NY 12533 (US).

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

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(11) **WO 98/49539** (13) A1

(21) PCT/US98/08502

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,724 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/17, 21/35, 21/03**

(54) • MICROMACHINED INFERENTIAL OPTO–THERMAL GAS SENSOR
• DETECTEUR DE GAZ OPTOTHERMIQUE INFERENTIEL MICRO–USINE

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, MN12–8551, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

(72) **WOOD, R., Andrew**; 150 East Mission Lane, Bloomington, MN 55420 (US).

(74) **SHUDY, John, G., Jr.**; Honeywell Inc., Honeywell Plaza – MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

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

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(11) **WO 98/49540** (13) A1

(21) PCT/US98/08741

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,748 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/35, 21/37, 21/17, 21/03**

(54) • MICROMACHINED OPTO–FLOW GAS SENSOR
• CAPTEUR DE GAZ OPTO–FLUIDIQUE OU OPTO–ACOUSTIQUE INTEGRE ET MICRO–USINE

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza – MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

(72) **ULRICH, Bonne**; 4936 Shady Oak Road, Hopkins, MN 55343 (US). **COLE, Barrett, E.**; 3010 West 112th Street, Bloomington, MN 55431 (US). **HIGASHI, Robert, E.**; 20220 Manor Road, Shorewood, MN 55331 (US).

(74) **SHUDY, John, G., Jr.**; Honeywell Inc., Honeywell Plaza – MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

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

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(11) **WO 98/49541** (13) A1

(21) PCT/US98/08805

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,897 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 09/066,828 (32) **28 Apr/avr 1998 (28.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/47**

(54) • GLOSS SENSOR RESISTANT TO TILTING AND SHIFTING PAPER AND WITH IMPROVED CALIBRATION
• DETECTEUR DE BRILLANT RESISTANT AUX DENIVELLEMENTS ET AUX DECALAGES ET A ETALONNAGE AMELIORE

(71) **IMPACT SYSTEM, INC.** [US/US]; 14600 Winchester Boulevard, Los Gatos, CA 95030 (US).

(72) **TYPPO, Pekka, M.**; 10301 Richwood Drive, Cupertino, CA 95014 (US).

(74) **WRIGHT, Jerry, G.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111–4187 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49542** (13) A1

(21) PCT/EP98/02054

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) de (26) de

(31) 197 18 016.7 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/64**

(54) • METHOD FOR OPTICAL DETECTION OF ANALYTE MOLECULES IN A NATURAL BIOLOGICAL MEDIUM
• PROCEDE DE DETECTION OPTIQUE DE MOLECULES A ANALYSER DANS UN MILIEU BIOLOGIQUE NATUREL

(71, 72) **DREXHAGE, Karl–Heinz** [DE/DE]; Schanzenweg 50, D–57076 Siegen (DE). **WOLFRUM, Jürgen** [DE/DE]; Südring 2, D–37124 Rosdorf (DE).

(74) **SCHMIDT, Frank–Michael**; Huyssenallee 58–64, D–45128 Essen (DE) et al. / etc.

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49543** (13) A1

(21) PCT/US98/08370

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,876 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/64**

(54) • SCANNING OPTICAL DETECTION SYSTEM
• SYSTEME DE DETECTION OPTIQUE A BALAYAGE

(71) **NANOGEN, INC.** [US/US]; 10398 Pacific Center Court, San Diego, CA 92121 (US).

(72) **JUNCOSA, Robert, D.**; 26892 Via Grande, Mission Viejo, CA 92691 (US). **BUTLER, William, F.**; 7577 Caloma Circle, Carlsbad, CA 92009 (US). **WU, Lei**; 14021 Capewood Lane, San Diego, CA 92128 (US). **CORMACK, Robert, H.**; 5305 Holmes Place, Boulder, CO 80303 (US).

(74) **MURPHY, David, B.** 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; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49544** (13) A1

(21) PCT/US98/08551

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,033 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/76**

(54) • HAND–HELD LUMINOMETER
• LUMINOMETRE PORTATIF

(63) US 60/045,033 (CIP)
28 Apr/avr 1997 (28.04.1997)

(71) **UNIVERSAL HEALTHWATCH, INC.** [US/US]; Oakland Center, Suite E, 8990 Route 108, Columbia, MD 21045 (US).
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(72, 75) **McCLINTOCK, Joseph, A.** [US/US]; 2604 Manhattan Avenue, Baltimore, MD 21205 (US). **BERNSTEIN, David** [US/US]; 5814 Melville Road, Eldersburg, MD 21784 (US). **TRAINOR,**

William, P. [US/US]; 961 Hillsboro Mile, Hillsboro Beach, FL 33062 (US).

(74) **SANDERCOCK, Colin, G.** et al. / etc.; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007–5109 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49545** (13) A1

(21) PCT/IB98/00614

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 488.4 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 21/89, G01B 11/24, G02B 26/12**

(54) • SENSOR UNIT, PROCESS AND DEVICE FOR INSPECTING THE SURFACE OF AN OBJECT
• UNITE DE DETECTION, PROCEDE ET DISPOSITIF D'INSPECTION DE LA SURFACE D'UN OBJET

(71) **BAUMER OPTRONIC GMBH** [DE/DE]; Badstrasse 30, D–01454 Radeberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WOLLMANN, Christian** [DE/DE]; Schönbornerstrasse 13, D–01465 Liegau (DE). **WENERT, Lutz** [DE/DE]; Zum Heideblick 4a, D–01474 Weissig (DE). **IHLEFELD, Joachim** [DE/DE]; Sarrasanistrasse 19, D–01019 Dresden (DE). **GRIESER, Ralf** [DE/DE]; Dammweg 1, D–01097 Dresden (DE).

(74) **FREI, Alexandra**; Frei Patentanwaltsbüro, Postfach 768, CH–8029 Zürich (CH).

(81) AU CA RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49546** (13) A1

(21) PCT/US98/04972

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 08/846,742 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 23/04, A61B 6/03**

(54) • ULTRAHIGH RESOLUTION INTERFEROMETRIC X–RAY IMAGING
• IMAGERIE INTERFEROMETRIQUE AUX RAYONS X A TRES HAUTE RESOLUTION

(71, 72) **CLAUSER, John, Francis** [US/US]; 817 Hawthorne Drive, Walnut Creek, CA 94596–6112 (US).

(81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49547** (13) A1

(21) PCT/US98/08703

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/044,302 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 09/069,360 (32) **29 Apr/avr 1998** (33) US **(29.04.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 27/12**

(54) • CHEMICAL SENSORS AND METHODS FOR THEIR USE
• DETECTEURS CHIMIQUES ET LEURS PROCEDES D'UTILISATION

(71) **T/J TECHNOLOGIES, INC.** [US/US]; 17445 Cameron, Northville, MI 48167 (US).

(72) **OWENS, Lynne**; 3214 Roon The Ben, Ann Arbor, MI 48108 (US). **WIXOM, Michael, R.**; 215 S. Ravena Boulevard, Ann Arbor, MI 48103 (US). **THOMPSON, Levi, T., Jr.**; 17445 Cameron, Northville, MI 48167 (US).

(74) **CITKOWSKI, Ronald, W.** et al. / etc.; Gifford, Krass, Groh, Sprinkle, Patmore, Anderson & Citkowski, P.C., Suite 400, 280 N. Old Woodward, Birmingham, MI 48009–5394 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49548** (13) A1

(21) PCT/US98/07444

(22) **13 Apr/avr 1998 (13.04.1998)**

(25) en (26) en

(31) 08/845,754 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) 60/060,902 (32) **3 Oct/oct 1997** (33) US **(03.10.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 27/26, 27/447**

(54) • MICROFLUIDIC DEVICES INCORPORATING IMPROVED CHANNEL GEOMETRIES
• DISPOSITIFS MICROFLUIDIQUES A GEOMETRIE DE CANAUX AMELIOREE

(63) US 08/845,754 (CIP) 25 Apr/avr 1997 (25.04.1997)
US 60/060,902 (CIP) 3 Oct/oct 1997 (03.10.1997)

(71) **CALIPER TECHNOLOGIES CORPORATION** [US/US]; 1275 California Avenue, Palo Alto, CA 94304 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DUBROW, Robert, S.** [US/US]; 766 Orange Avenue, San Carlos, CA 94070 (US). **KENNEDY, Colin, B.** [US/US]; 413 Ash Street, Mill Valley, CA 94941 (US). **BOUSSE, Luc** [BE/US]; 311 Haight Street, Menlo Park, CA 94025 (US).

(74) **QUINE, Jonathan, A.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49549** (13) A1

(21) PCT/US98/08680

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,210 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 27/26**

(54) • CAPILLARY ELECTROPHORETIC SEPARATION SYSTEM
• SYSTEME DE SEPARATION PAR ELECTROPHORESE CAPILLAIRE

(71) **ORION RESEARCH, INC.** [US/US]; 500 Cummings Center, Beverly, MA 01915 (US).

(72) **WEST, Steven, J.**; 26 Vautinot Avenue, Hull, MA 02045 (US). **HABER, Carsten**; 49 Oak Street, Cohasset, MA 02025 (US).

(74) **LINEK, Ernest, V.** et al. / etc.; Dike, Bronstein, Roberts & Cushman, LLP, 130 Water Street, Boston, MA 02109 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49550** (13) A1

(21) PCT/US98/08503

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/841,031 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 27/333, 27/414**

(54) • SOLID STATE ELECTROCHEMICAL SENSORS AND METHODS OF MAKING THE SAME
• CAPTEURS ELECTROCHIMIQUES A SEMICONDUCTEURS ET PROCEDES DE FABRICATION DE CES DERNIERS

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza, MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

(72) **ROSENBLATT, David**; 225 Church Street 7C, Philadelphia, PA 19106 (US).

(74) **MIOLOGOS, Anthony**; Honeywell Inc., Honeywell Plaza, MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

(81) AU CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49551** (13) A1

(21) PCT/GB98/01050

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708595.5 (32) **28 Apr/avr 1997 (28.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 27/407**

(54) • IMPROVEMENTS IN AND RELATING TO SENSORS
• AMELIORATIONS APPORTEES A DES DETECTEURS

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **LEWIN, Robert, Glyn** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB). **BARNETT, Stephen, Vernon** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB). **INCE, Andrew, Timothy** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0X5 (GB). **BRACE, Christopher, William** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB). **MIDDLETON, Peter, Hugh** [GB/GB]; British Nuclear Fuels plc, Springfields, Salwick, Preston, Lancashire PR4 0XJ (GB).

(74) **PAWLYN, Anthony, Neil**; Urquhart–Dykes & Lord, Tower House, Merrion Way, Leeds LS2 8PA (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49552** (13) A1

(21) PCT/US98/08052

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/846,207 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 27/60**

(54) • STATIC ELECTRIFICATION ASSISTED DIELECTROKINESIS DETECTION OF PLASTICS AND OTHER MATERIALS
• DETECTION DE PLASTIQUES ET D'AUTRES MATERIAUX PARDIELECTROKINESE ASSISTEE PAR ELECTRIFICATION STATIQUE,

(71, 72) **AFILANI, Thomas** [US/US]; R.D. 5, Box 171, Jersey Shore, PA 17740 (US).

(74) **KAGEN, Alan, M.**; Nixon & Vanderhye P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201–4714 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49553** (13) A1

(21) PCT/GB98/01231

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708740.7 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 29/04, E02D 33/00**

(54) • GROUND ANCHORAGE TESTING SYSTEM
• SYSTEME DE CONTROLE D'UN DISPOSITIF D'ANCRAGE AU SOL

(71) **ABERDEEN UNIVERSITY** [GB/GB]; Auris Business Centre, 23 St. Machar Drive, Aberdeen AB2 1RY (GB). **UNIVERSITY OF BRADFORD** [GB/GB]; West Yorkshire BD7 1DP (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **RODGER, Albert, Alexander** [GB/GB]; 9 Newburgh Road, Bridge of Don, Aberdeen AB22 8SQ (GB). **LITTLEJOHN, Gavin, Stuart** [GB/GB]; Almsford, 4 Fulwith Mill Lane, Harrogate, York HG2 8HJ (GB). **NEILSON, Richard, David** [GB/GB]; 58 Lee Crescent, Bridge of Don, Aberdeen AB22 8FJ (GB). **PENMAN, James** [GB/GB]; 52 Mount Road, Montrose, Angus DD10 8SP (GB).

(74) **ABLETT, Graham, Keith** et al. / etc.; Ablett & Stebbing, 45 Lancaster Mews, Lancaster Gate, London W2 3QQ (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49554** (13) A1

(21) PCT/JP98/01816

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) ja (26) ja

(31) 9/110812 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 30/00, 1/10, B01D 1/00**

(54) • METHOD AND APPARATUS FOR CONCENTRATING SOLUTION
• PROCEDE ET APPAREIL POUR CONCENTRER UNE SOLUTION

(71) **KABUSHIKI KAISHA TOYOTA CHUO KENKYUSHO** [JP/JP]; 41–1, Aza Yokomichi, Oaza Nagakute, Nagakute–cho, Aichi–gun, Aichi–ken 480–1192 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **OGAWA, Tadao** [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41–1, Aza Yokomichi, Oaza Nagakute, Nagakute–cho, Aichi–gun, Aichi–ken 480–1192 (JP). **MATSUI, Masayuki** [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41–1, Aza Yokomichi, Oaza Nagakute, Nagakute–cho, Aichi–gun, Aichi–ken 480–1192 (JP). **MIZUNO, Takanori** [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41–1, Aza Yokomichi, Oaza Nagakute, Nagakute–cho, Aichi–gun, Aichi–ken 480–1192 (JP). **INOUE, Masae** [JP/JP]; Kabushiki Kaisha Toyota Chuo Kenkyusho, 41–1, Aza Yokomichi, Oaza Nagakute, Nagakute–cho, Aichi–gun, Aichi–ken 480–1192 (JP).

(74) **OHKAWA, Hiroshi**; 2–5, Meieki 3–chome, Nakamura–ku, Nagoya–shi, Aichi–ken 450–0002 (JP).

(81) JP US; EP (DE FR GB).

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(11) **WO 98/49555** (13) A1

(21) PCT/US98/06446

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) en (26) en

(31) 08/846,620 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/02, 33/03, 33/53, 33/566**

(54) • METHODS FOR IDENTIFYING LIGANDS FOR NUCLEAR HORMONE RECEPTORS
• PROCEDE D'IDENTIFICATION DE LIGANDS POUR RECEPTEURS D'HORMONES NUCLEAIRES

(71) **THE SALK INSTITUTE FOR BIOLOGICAL STUDIES** [US/US]; 10010 North Torrey Pines Road, La Jolla, CA 92037 (US).

(72) **EVANS, Ronald, M.**; 1471 Cottontail Lane, La Jolla, CA 92037 (US). **FORMAN, Barry, Marc**; 1671 South Diamond Bar Boulevard, Diamond Bar, CA 91765 (US).

(74) **REITER, Stephen, E.**; Gray Cary Ware & Freidenrich LLP, Suite 1600, 4365 Executive Drive, San Diego, CA 92121 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49556** (13) A1

(21) PCT/JP98/01800

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) ja (26) ja

(31) 9/110688 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/53**

(54) • ANTIBODY RECOGNIZING COLLAGEN FRAGMENTS
• ANTICOPRS RECONNAISSANT DES FRAGMENTS DE COLLAGENE

(71) **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) **HONMA, Tamotsu** [JP/JP]; Yuka Medias Co., Ltd., 5–1, Chuo 8–chome, Ami–machi, Inashiki–gun, Ibaraki 300–0332 (JP). **HANE, Motomu** [JP/JP]; Mitsubishi Chemical Corporation, Kashima Plant Specialty Products Center, 14, Sunayama, Hazaki–machi, Kashima–gun, Ibaraki 314–0255 (JP). **ITO, Akio** [JP/JP]; Yuka Medias Co., Ltd., 5–1, Chuo 8–chome, Ami–machi,

Inashiki–gun, Ibaraki 300–0332 (JP). **TAKADA, Makoto** [JP/JP]; Yuka Medias Co., Ltd., 5–1, Chuo 8–chome, Ami–machi, Inashiki–gun, Ibaraki 300–0332 (JP).

(74) **TOYAMA, Tsutomu** et al. / etc.; Yokoyama Building, 6th floor, 4–10, Higashi Nihonbashi 3–chome, Chuo–ku, Tokyo 103–0004 (JP).

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

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(11) **WO 98/49557** (13) A1

(21) PCT/US98/08458

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/847,790 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/543, 33/569, 33/68, 21/64**

(54) • TAXONOMIC IDENTIFICATION OF MICROORGANISMS, PROTEINS AND PEPTIDES INVOLVED IN VERTEBRATE DISEASE STATES
• IDENTIFICATION TAXINOMIQUE DE MICRO–ORGANISMES, PROTEINES ET PEPTIDES RESPONSABLES D'ETATS PATHOLOGIQUES CHEZ LES VERTEBRES

(71) **B–E SAFE, INC.** [US/US]; 727 North 600 West, Logan, UT 84321 (US).
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(72, 75) **POWERS, Linda** [US/US]; 1026 Eastridge Drive, Logan, UT 84321 (US). **ELLIS, Walther** [US/US]; 644 East 600 North #26, Logan, UT 84321 (US).

(74) **ROCKEY, Keith, V.** et al. / etc.; Rockey, Milnamow & Katz, Ltd., Suite 4700, Two Prudential Plaza, Chicago, IL 60601 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05228 (32) **28 Apr/avr 1997** (33) FR **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/564, 33/92, 33/68**

(54) • METHODS FOR DETECTING AUTOIMMUNE PATHOLOGIES
• METHODES POUR LA DETECTION DE PATHOLOGIES AUTO–IMMUNES

(71) **INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM)** [FR/FR]; 101, rue de Tolbiac, F–75654 Paris Cedex 13 (FR).
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(72, 75) **PETRY, Klaus** [DE/FR]; Carcelle, F–33760 Targon (FR). **BOULLERNE, Anne** [FR/FR]; 6, rue Erable, F–17100 Saintes (FR).

(74) **PEAUCELLE, Chantal** et al. / etc.; Cabinet Armengaud Ainé, 3, avenue Bugeaud, F–75116 Paris (FR).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49559** (13) A1

(21) PCT/JP98/01972

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/113126 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/573, A61B 5/00, 5/14**

(54) • METHOD FOR DETECTING OR PREDICTING ISCHEMIC DISEASES
• PROCEDE DE DETECTION OU DE PREVISION DE MALADIES ISCHEMIQUES

(71) **MARUHA CORPORATION** [JP/JP]; 1–2, Otemachi 1–chome, Chiyoda–ku, Tokyo 100–8608 (JP). **OSAKA BIOSCIENCE INSTITUTE** [JP/JP]; 2–4, Furuedai 6–chome, Suita–shi, Osaka 565–0874 (JP).
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(72, 75) **ODA, Hiroshi** [JP/JP]; Central Research Institute, Maruha Corporation, 16–2, Wadai, Tsukuba–shi, Ibaraki 300–4295 (JP). **SATO, Nobuyuki** [JP/JP]; Central Research Institute, Maruha Corporation, 16–2, Wadai, Tsukuba–shi, Ibaraki 300–4295 (JP). **NISHIKAWA, Masazumi** [JP/JP]; Central Research Institute, Maruha Corporation, 16–2, Wadai, Tsukuba–shi, Ibaraki 300–4295 (JP). **SEIKI, Kosuke** [JP/JP]; Central Research Institute, Maruha Corporation, 16–2, Wadai, Tsukuba–shi, Ibaraki 300–4295 (JP). **URADE, Yoshihiro** [JP/JP]; Towa City–Copo 706, 440, Furunishicho, Takoyakushi–sagaru, Nishinotoindori, Nakagyo–ku, Kyoto–shi, Kyoto 604–8227 (JP). **EGUCHI, Yutaka** [JP/JP]; 7–13, Wakakusa 7–chome, Kusatsu–shi, Shiga 525–0045 (JP). **EGUCHI, Naomi** [JP/JP]; Maison U 301, 6–9, Zuiko 1–chome, Higashiyodogawa–ku, Osaka–shi, Osaka 533–0005 (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) AU CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 2,203,718 (32) **25 Apr/avr 1997** (33) CA **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/68, C12Q 1/68, C07K 16/28, 14/705, A61K 48/00, 38/22**

(54) • CADHERIN–11 AS AN INDICATOR OF VIABLE PREGNANCY
• CADHERIN–11 UTILISE EN QUALITE D'INDICATEUR DE GROSSESSE VIABLE

(71) **THE UNIVERSITY OF BRITISH COLUMBIA** [CA/CA]; IRC Building, Room 331, 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).
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(72, 75) **MacCALMAN, Colin, D.** [GB/CA]; 1802–930 Cambie Street, Vancouver, British Columbia V6B 5X6 (CA). **STEPHENSON, Mary, D.** [CA/CA]; 4420 West 7th Avenue, Vancouver, British Columbia V6R 1W9 (CA).

(74) **ROBINSON, J., Christopher** et al. / etc.; Smart & Biggar, Vancouver Center, 650 West Georgia Street, P.O. Box 11560, Vancouver, British Columbia V6B 4N8 (CA).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 9708676.3 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/68, C07K 7/06, 7/08**

(54) • INHIBITORS OF NUCLEAR PROTEIN/NUCLEAR RECEPTOR INTERACTION
• INHIBITEURS DE L'INTERACTION RECEPTEUR NUCLEAIRE/PROTEINE NUCLEAIRE

(71) **IMPERIAL CANCER RESEARCH TECHNOLOGY LIMITED** [GB/GB]; Sardinia House, Sardinia Street, London WC2A 3NL (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEERY, David, Michael** [IE/GB]; Imperial Cancer Research Fund, Molecular Endocrinology Laboratory, 44 Lincoln's Inn Fields, London WC2A 3PX (GB). **PARKER, Malcolm, George** [GB/GB]; Imperial Cancer Research Fund, Molecular Endocrinology Laboratory, 44 Lincoln's Inn Fields, London WC2A 3PX (GB).

(74) **GILES, Allen, Frank**; Zeneca Pharmaceuticals, Intellectual Property Dept., Mereside, Alderley Park, Macclesfield, Cheshire SK10 4TG (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49562** (13) A1

(21) PCT/CH98/00168

(22) **24 Apr/avr 1998 (24.04.1998)**

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(31) 974/97 (32) **25 Apr/avr 1997** (33) CH **(25.04.1997)**

(31) 2062/97 (32) **3 Sep/sep 1997** (33) CH **(03.09.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/86**

(54) • METHOD FOR THE FUNCTIONAL DETECTION OF DISORDERS IN THE PROTEIN C SYSTEM
• PROCEDE POUR DETECTER DE MANIERE FONCTIONNELLE DES DYSFONCTIONNEMENTS DANS LE SYSTEME DE LA PROTEINE C

(71) **PENTAPHARM AG** [CH/CH]; Engelgasse 109, CH–4002 Basel (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STOCKER, Kurt** [CH/CH]; Im Spitz, CH–3981 Obergestein (CH). **GEMPELER–MESSINA, Patrizia** [IT/CH]; Krummenrainweg 13, CH–4153 Reinach (CH). **MÜLLER, Christian** [CH/CH]; Zihlackerstrasse 50, CH–4153 Reinach (CH).

(74) **BRAUN, André**; Braun & Partner, Reussstrasse 22, CH–4054 Basel (CH).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49563** (13) A1

(21) PCT/US98/08343

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/847,152 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01N 33/86, B01L 3/00**

(54) • HEPARIN–INDEPENDENT, HIGH SENSITIVITY PLATELET FUNCTION EVALUATION TECHNIQUE
• TECHNIQUE D'EVALUATION DE LA FONCTION PLAQUETTAIRE A HAUTE SENSIBILITE, SANS TENIR COMPTE DE LA TENEUR EN HEPARINE

(71) **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue, N.E., Minneapolis, MN 55432–3516 (US).

(72) **BAUGH, Robert, F.**; 7926 East Windcrest Row, Parker, CO 80134 (US). **LANE, Carole, G.**; 9155 East Stanford Place, Greenwood Village, CO 80011 (US). **WILSON, Adrian, C.**; 1585 Krameria Street, Denver, CO 80220–1550 (US).

(74) **GYURE, Barbara, A.**; Chrisman, Bynum & Johnson, P.C., 1900 Fifteenth Street, Boulder, CO 80301 (US).

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

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(31) 197 18 141.4 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01P 3/489, 3/44**

(54) • SYSTEM FOR DETECTING ROTATING SPEED
• SYSTEME DE DETECTION DE VITESSE DE ROTATION

(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; Suite 1217, 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOHBERG, Peter** [DE/DE]; Am Ringelsberg 7, D–61381 Friedrichsdorf (DE). **LORECK, Heinz** [AT/DE]; Rosenweg 16, D–65510 Idstein (DE). **FEY, Wolfgang** [DE/DE]; Nesselweg 17, D–65527 Niedernhausen (DE).

(74) **BLUM, K.–D.** et al. / etc.; ITT Automotive Europe GmbH, Guerickestrasse 7, D–60488 Frankfurt am Main (DE).

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

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(11) **WO 98/49565** (13) A1

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(31) 08/846,776 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 1/02, H03F 1/02**

(54) • INTEGRATED CIRCUIT TESTER WITH COMPENSATION FOR LEAKAGE CURRENT
• TESTEUR DE CIRCUITS INTEGRES COMPENSATION DU COURANT DE FUITE

(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

(72) **CURRIN, Jeffrey, D.**; 2764 Hartley Gate Court, Pleasanton, CA 94566 (US). **PUN, Henry, Y.**; 2433 Diane Marie Way, Santa Clara, CA 95050 (US).

(74) **SMITH–HILL, John**; Smith–Hill and Bedell, P.C., Suite 104, 12670 NW Barnes Road, Portland, OR 97229 (US).

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

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(11) **WO 98/49566** (13) A1

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(31) 197 17 595.3 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 19/14**

(54) • POLARITY IDENTIFICATION CIRCUIT
• CIRCUIT D'IDENTIFICATION DE POLARITE

(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) **TOMALLA, Ulrich** [DE/DE]; Wilramstrasse 9, D–81669 München (DE).

(81) CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49567** (13) A2

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(31) 08/838,482 (32) **7 Apr/avr 1997** (33) US **(07.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 23/00**

(54) • ANALOG SPECTRUM DISPLAY FOR ENVIRONMENTAL CONTROL
• AFFICHAGE ANALOGIQUE DE SPECTRES POUR CLIMATISATION

(71) **JOHNSON CONTROLS TECHNOLOGY COMPANY** [US/US]; 49200 Halyard Drive, Plymouth, MI 48170 (US).

(72) **SINGERS, Robert, R.**; 4916 West Joleno Court, Brown Deer, WI 53223 (US). **PIOTROWSKI, Michael**; 4255 South Pennsylvania Avenue, St. Francis, WI 53235 (US). **GLOUDEMAN, Jeffrey, J.**; 4150 Hilltop Court, Franklin, WI 53132 (US).

(74) **HAAS, George, E.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202–4497 (US).

(81) AU CA CN JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49568** (13) A1

(21) PCT/JP98/01739

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) ja (26) ja

(31) 9/108460 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/00, H04B 17/00**

(54) • MULTI–SIGNAL GENERATOR
• GENERATEUR MULTISIGNAUX

(71) **ADVANTEST CORPORATION** [JP/JP]; 32–1, Asahi–cho 1–chome, Nerima–ku, Tokyo 179–0071 (JP).
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(72, 75) **KOMIYA, Hiroshi** [JP/JP]; Advantest Corporation, 16–1, Fujimi–cho 1–chome, Gyoda–shi, Saitama 361–0021 (JP).

(81) DE US.

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(11) **WO 98/49569** (13) A1

(21) PCT/US98/08924

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,691 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/02**

(54) • MANIPULATOR WITH EXPANDED RANGE OF MOTION

- MANIPULATEUR A RAYON D'ACTION ACCRU

(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

(72) **KHATER, Nabil**; 1537 Musetta Court, San Jose, CA 95121 (US). **BAKER, David, A.**; 13820 Holly Hill Road, Hillsboro, OR 97123 (US).

(74) **SMITH–HILL, John**; Smith–Hill and Bedell, P.C., 1440 Pioneer Tower, 888 S.W. Fifth Avenue, Portland, OR 97204 (US).

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

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(11) **WO 98/49570** (13) A1

(21) PCT/US98/08376

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/848,008 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/11, H04L 1/24, G08B 29/06**

(54)
- COMPUTER MONITORING SYSTEM
- SYSTEME DE SURVEILLANCE POUR ORDINATEUR

(71) **JACKSON RESEARCH, INC.** [US/US]; 5150 Mae Anne Avenue #213, Reno, NV 89523–1859 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACKSON, John, T., Jr.** [US/US]; Suite 745, 316 California Avenue, Reno, NV 89509 (US).

(74) **LINDEMAN, Jeffrey, A.** et al. / etc.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 08/846,384 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/26**

(54)
- COHERENT SWITCHING POWER SUPPLY FOR AN ANALOG CIRCUIT TESTER
- ALIMENTATION A DECOUPAGE COHERENTE POUR UN TESTEUR DE CIRCUITS ANALOGIQUES

(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

(72) **FERLAND, Michael, R.**; 9075 S.W. Siletz Drive, Tualatin, OR 97062 (US). **CURRIN, Jeffrey, D.**; 2764 Hartley Gate Court, Pleasanton, CA 94566 (US).

(74) **BEDELL, Daniel, J.**; Smith–Hill and Bedell, P.C., 1440 Pioneer Tower, 888 S.W. Fifth Avenue, Portland, OR 97204 (US).

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

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(11) **WO 98/49572** (13) A1

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(25) ja (26) ja

(31) PCT/JP97/01460 (32) **25 Apr/avr 1997** (33) WO **(25.04.1997)**

(34) JP et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/28**

(54)
- LOGIC CIRCUIT DEVICE AND METHOD OF TESTING THE SAME
- DISPOSITIF A CIRCUIT LOGIQUE ET PROCEDE D'ESSAI DE CELUI–CI

(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) **MIYAZAKI, Masahide** [JP/JP]; Hitachi Research Laboratory, Hitachi, Ltd., 1–1, Omikacho 7–chome, Hitachi–shi, Ibaraki 319–1221 (JP). **HATAYAMA, Kazumi** [JP/JP]; Hitachi Research Laboratory, Hitachi, Ltd., 1–1, Omikacho 7–chome, Hitachi–shi, Ibaraki 319–1221 (JP). **HIKONE, Kazunori** [JP/JP]; Hitachi Research Laboratory, Hitachi, Ltd., 1–1, Omikacho 7–chome, Hitachi–shi, Ibaraki 319–1221 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100–8220 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49573** (13) A1

(21) PCT/US98/08359

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/848,547 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/28, G06F 13/00**

(54)
- VIRTUAL CHANNEL DATA DISTRIBUTION SYSTEM FOR INTEGRATED CIRCUIT TESTER
- SYSTEME DE DISTRIBUTION DE DONNEES PAR CANAL VIRTUEL POUR TESTEUR DE CIRCUITS INTEGRES

(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

(72) **ILLES, Gregory**; 2606 Somerset Park Circle, San Jose, CA 95132 (US). **SKALA, Kenneth, L.**; 5449 Shattuck Avenue, Fremont, CA 94555 (US). **MORRIS, Richard, B.**; 1239 Fremont Street, San Jose, CA 95126 (US). **CHAMPOUX, Duane, A.**; 2133 Shadow Ridge Court, San Jose, CA 95138 (US).

(74) **BEDELL, Daniel, J.**; Smith–Hill and Bedell, P.C., 1440 Pioneer Tower, 888 S.W. Fifth Avenue, Portland, OR 97204 (US).

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

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(31) 08/845,942 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/28**

(54)
- SINGLE PASS DOUBLET MODE INTERGRATED CIRCUIT TESTER
- TESTEUR DE CIRCUITS INTEGRES COMPORTANT UN MODE DOUBLET A PASSAGE UNIQUE

(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

(72) **KUGLIN, Philip, T.**; 10060 S.W. Hedges Court, Tualatin, OR 97062 (US).

(74) **BEDELL, Daniel, J.**; Smith–Hill and Bedell, P.C., 1440 Pioneer Tower, 888 S.W. Fifth Avenue, Portland, OR 97204 (US).

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

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(25) en (26) en

(31) 08/850,750 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/28, G06F 11/263, G05B 23/00**

(54)
- INTEGRATED CIRCUIT TESTER INCLUDING AT LEAST ONE QUASI–AUTONOMOUS TEST INSTRUMENT
- TESTEUR DE CIRCUITS INTEGRES COMPRENANT AU MOINS UN INSTRUMENT DE TEST QUASI AUTONOME

(71) **CREDENCE SYSTEMS CORPORATION** [US/US]; 215 Fourier Avenue, Fremont, CA 94539 (US).

(72) **PUN, Henry, Y.**; 2433 Diane Marie Way, Santa Clara, CA 95050 (US).

(74) **SMITH–HILL, John**; Smith–Hill and Bedell, P.C., Suite 104, 12670 N.W. Barnes Road, Portland, OR 97229 (US).

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

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(21) PCT/JP97/01460

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) ja (26) ja

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01R 31/3185, G06F 11/22, 17/50**

(54) • LOGIC CIRCUIT AND ITS TEST METHOD
• CIRCUIT LOGIQUE ET SON PROCEDE D'ESSAI

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAZAKI, Masahide** [JP/JP]; 20–3, Ayukawacho 6–chome, Hitachi–shi, Ibaraki 316 (JP). **HATAYAMA, Kazumi** [JP/JP]; 4–9, Higashiishikawa, Hitachinaka–shi, Ibaraki 312 (JP). **HIKONE, Kazunori** [JP/JP]; Room A201, Dai 2 Clean Haitsu, 4637–3, Ohaza–sugaya, Naka–machi, Naka–gun, Ibaraki 311–01 (JP).

(74) **OGAWA, Katsuo**; Hitachi, Ltd., 5–1, Marunouchi 1–chome, Chiyoda–ku, Tokyo 100 (JP).

(81) CN JP KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49577** (13) A2

(21) PCT/US98/06568

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) en (26) en

(31) 08/834,966 (32) **7 Apr/avr 1997 (07.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01S**

(54) • METHODS FOR GYRO BIAS ESTIMATION USING GPS
• PROCEDES PERMETTANT D'ESTIMER LE BIAIS D'UN GYROSCOPE AU MOYEN DU GPS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **GEIER, George, Jeffrey**; 11364 E. Appaloosa Place, Scottsdale, AZ 85259 (US).

(74) **SMITH, Michael, L.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

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(11) **WO 98/49578** (13) A1

(21) PCT/US98/03839

(22) **27 Feb/fév 1998 (27.02.1998)**

(25) en (26) en

(31) 08/840,340 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01S 5/00**

(54) • METHOD AND APPARATUS FOR NAVIGATING A REMOTELY GUIDED BRUSH CUTTING, CHIPPING AND CLEARING APPARATUS
• PROCEDE ET APPAREIL PERMETTANT DE DEPLACER UNE MACHINE A DEBROUSSAILLER, A DECHIQUETER ET A DEBLAYER PILOTEE A DISTANCE

(71, 72) **MULLINS, Donald, B.** [US/US]; 32903 Welton Court, Fulshear, TX 77441 (US).

(74) **O'BRIAN, David, M.**; 5007 Hartwell Drive, Houston, TX 77084 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49579** (13) A1

(21) PCT/US98/08261

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,084 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01S 13/91, 7/22, G08G 5/06**

(54) • DISPLAY MANAGEMENT METHOD, SYSTEM AND ARTICLE OF MANUFACTURE FOR MANAGING ICONS, TAGS AND LEADER LINES
• SYSTEME DE GESTION DE L'AFFICHAGE, SYSTEME ET ARTICLE FABRIQUE AUX FINS DE LA GESTION D'ICONES, D'ETIQUETTES ET DE LIGNES DE REPERE

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East – 90/110/CC, Los Angeles, CA 90067–2199 (US).

(72) **SALVATORE, G., Peter, Jr.**; 25 Bark Lane, Northport, NY 11768 (US). **TSANG, Shiu, Ming**; 120–21 Ketch Court, College Point, Queens, NY 11356 (US).

(74) **GATES, William, L.** et al. / etc.; Birch, Stewart, Kolasch & Birch, LLP, P.O. Box 747, Falls Church, va 22040–0747 (US).

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

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(11) **WO 98/49580** (13) A2

(21) PCT/DE98/01018

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) de (26) de

(31) 197 17 829.4 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01S 51/4**

(54) • METHOD FOR DETERMINING POSITION, FOR NAVIGATING A MOTOR VEHICLE IN TRAFFIC
• PROCEDE DE DETERMINATION DE POSITION SERVANT A LA NAVIGATION D'UN VEHICULE A MOTEUR DANS LA CIRCULATION ROUTIERE

(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) **BODE, Friedrich–Wilhelm** [DE/DE]; Schaeferstrasse 15, D–31552 Apelern (DE). **TANNEBERGER, Volkmar** [DE/DE]; Sohldfeld 40, D–31139 Hildesheim (DE).

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

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(11) **WO 98/49581** (13) A1

(21) PCT/US98/08435

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/848,768 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G01V 1/40, 1/28, 1/30, G01R 1/28, F21B 49/00**

(54) • METHOD FOR DETERMINING SEDIMENTARY ROCK PORE PRESSURE CAUSED BY EFFECTIVE STRESS UNLOADING
• PROCEDE DE CALCUL DE LA PRESSION D'EAU INTERSTITIELLE DES ROCHES SEDIMENTAIRES PROVOQUEE PAR LE SOULAGEMENT DE LA CONTRAINTE EFFECTIVE

(71) **BAROID TECHNOLOGY, INC.** [US/US]; 3000 N. Sam Houston Parkway East, Houston, TX 77032 (US).

(72) **HOLBROOK, Philip, W.**; 2203 Blue Willow Drive, Houston, TX 77042 (US).

(74) **TORRES, Carlos, A.**; Suite 1800, 5718 Westheimer Road, Houston, TX 77057 (US).

(81) AU CA GB ID NO.

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(11) **WO 98/49582** (13) A2

(21) PCT/US98/08249

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,027 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B**

(54) • METHOD AND SYSTEM FOR WAVELENGTH DIVISION MULTIPLEXER
• METHODE RELATIVE A UN MULTIPLEXEUR PAR REPARTITION EN LONGUEUR D'ONDE ET DISPOSITIF AFFERENT

(71) **OPLINK COMMUNICATIONS, INC.** [US/US]; Suite 150, 2381 Zanker Road, San Jose, CA 95131 (US).

(72) **CAO, Xiaofan**; 2202 Ensenada Way, San Mateo, CA 94403 (US). **ZHENG, Yu**; 1091 Reed Avenue, No. B, Sunnyvale, CA 94086 (US).

(74) **SAWYER, Joseph, A., Jr.** et al. / etc.; Sawyer & Associates, P.O. Box 51418, Palo Alto, CA 94303 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GM GW 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 UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49583** (13) A1

(21) PCT/ES98/00109

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) es (26) es

(31) P 9700914 (32) **28 Apr/avr 1997** (33) ES **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 3/12**

(54) • METHODS FOR FABRICATING GRADED, LARGE SIZE, SELF–REFRIGERATING LENSES WITH VARIABLE FOCUS AND FILTER PROPERTIES
• PROCEDES DE FABRICATION DE LENTILLES ECHELONNEES DE GRANDE DIMENSION, AUTOREFRIGERABLES, AVEC FOYER ET PROPRIETES FILTRANTES VARIABLES

(71) **CRUZ Y BOMANT, S.L.** [ES/ES]; Conde de Romanones, 7, E–28012 Madrid (ES).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CRUZ BARBOSA, Emilio** [ES/ES]; Conde de Romanones, 7, E–28012 Madrid (ES).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49584** (13) A1

(21) PCT/DE98/00819

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) de (26) de

(31) 197 18 146.5 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 5/22, 5/28 // 21/14**

(54) • ABSORBENT THIN–FILM SYSTEM CONSISTING OF METAL AND DIELECTRIC FILMS
• SYSTEME A COUCHES MINCES ABSORBANT, CONSTITUE DE COUCHES METALLIQUES ET DIELECTRIQUES

(71) **LEICA MIKROSKOPIE UND SYSTEME GMBH** [DE/DE]; Postfach 20 40, D–35530 Wetzlar (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EISENKRÄMER, Frank** [DE/DE]; Am Buchacker 3, D–35444 Biebertal (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49585** (13) A1

(21) PCT/GB98/01203

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708468.5 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 5/28, 27/30, G02F 1/1335**

(54) • COLLIMATOR
• COLLIMATEUR

(71) **SCREEN TECHNOLOGY LIMITED** [GB/GB]; Unit 5, Button End, Harston, Cambridge CB2 5NX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVEY, Anthony, Bernard** [GB/GB]; 47 Grange Road, Bishops Stortford, Hertfordshire CM23 5NG (GB). **BAYLEY, Paul, Andrew** [GB/GB]; 65 Broomy Hill, Hereford HR4 0LJ (GB). **COKER, Timothy, Martin** [GB/GB]; 4 Brewery Court, South Road, Oundle PE8 4DZ (GB). **CROSSLAND, William, Alden** [GB/GB]; 5 School Lane, Harlow, Essex CM20 2QD (GB).

(74) **GIBBS, Christopher, Stephen**; Haseltine Lake & Co., Imperial House, 15–19 Kingsway, London WC2B 6UD (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49586** (13) A2

(21) PCT/US98/07562

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 60/045,251 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 6/00**

(54) • DISPERSION MANAGED OPTICAL FIBER
• FIBRE OPTIQUE A DISPERSION MODULEE

(71) **CORNING INCORPORATED** [US/US]; 1 Riverfront Plaza, Corning, NY 14831 (US).

(72) **BHAGAVATULA, Venekata, A.**; 29 Orchard Drive, Big Flats, NY 14814 (US). **CHOWDHURY, Dipakin, Q.**; 14 Emily Drive, Corning, NY 14830 (US).

(74) **HERZFELD, Alexander, R.**; Corning Incorporated, Patent Dept., SP FR 02–12, Corning, NY 14831 (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 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 UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49587** (13) A1

(21) PCT/US98/08765

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,320 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 6/26, 6/42, H01L 27/15, 29/06**

(54) • METHOD AND APPARATUS FOR MODULATION OF GUIDED PLASMONS
• PROCEDE ET APPAREIL DE MODULATION DE PLASMONS GUIDES

(71) **TRUSTEES OF THE STEVENS INSTITUTE OF TECHNOLOGY** [US/US]; Castle Point on Hudson, Hoboken, NJ 07030 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NERSES, Annita** [US/US]; 939 Washington Street, Hoboken, NJ 07030 (US). **KUNHARDT, Erich, E.** [US/US]; 807 Castle Point Terrace, Hoboken, NJ 07030 (US).

(74) **FRISCIA, Michael, R.**; Friscia & Nussbaum, One University Plaza, Hackensack, NJ 07601 (US).

(81) AU CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49588** (13) A1

(21) PCT/US98/07943

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,321 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 6/38**

(54) • FIBER OPTIC CONNECTOR
• tONNECTEUR DE FIBRES OPTIQUES

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(72) **ERDMAN, David, D.**; 7101 Silver Fox Court, Hummelstown, PA 17036 (US). **DAVIS, Jeffrey, P.**; 14 Bentley Place, Carlisle, PA 17013 (US). **MANNING, Randy, M.**; 610 Bridge Street, Cumberland, PA 17070 (US).

(74) **ROSENBERG, Marshall, E.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49589** (13) A1

(21) PCT/AT98/00110

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) A 708/97 (32) **25 Apr/avr 1997** (33) AT **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 6/42, H04B 10/00**

(54) • SIGNAL TRANSMISSION SYSTEM
• SYSTEME DE TRANSMISSION DE SIGNAUX

(71) **NOVA–TECHNIK ENTWICKLUNG VON UND HANDEL MIT MEDIZINISCHEN GERÄTEN GMBH** [AT/AT]; Hohe Warte 19, A–1190 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LIESINGER, Wilhelm** [AT/AT]; Hauptstrasse 11, A–9873 Döbriach (AT).

(74) **SECKLEHNER, Günter**; Pyhrnstrasse 1, A–8940 Liezen (DE).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ DE DE (Utility model / modèle d'utilité) DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49590** (13) A1

(21) PCT/CA98/00389

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/848,287 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 6/42**

(54) • OPTICAL INTERCONNECTION ARRANGEMENTS
• DISPOSITIFS D'INTERCONNEXION OPTIQUE

(71) **MCGILL UNIVERSITY** [CA/CA]; 845 Sherbrooke Street West, Montreal, Quebec H3A 2T5 (CA).

(72) **ROBERTSON, Brian**; 75 Poplar Avenue, Hove, Brighton BN3 8PT (GB). **TOOLEY, Frank, A., P.**; 4 Foulis Crescent, Edinburgh EH14 5BN (GB).

(74) **ADAMS, Thomas**; Thomas Adams & Assoc., Station H, P.O. Box 11100, Ottawa, Ontario K2H 7T8 (CA).

(81) AU CA DE GB JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49591** (13) A1

(21) PCT/US98/08488

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/848,685 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 26/08**

(54) • LASER SCANNED MENU
• MENU BALAYE PAR LASER

(71) **VIRTEK VISION CORPORATION** [US/US]; 300 Wildwood Avenue, Woburn, MA 01801 (US).

(72) **RUEB, Kurt, D.**; 244 Stoke Drive, Kitchener, Ontario N2N 2C1 (CA). **BIANCHIN, Edward, S.**; 249 Grey Squirrel P1, Waterloo, Ontario N2K 3H8 (CA).

(74) **SCOTT, Raymond, E.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

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

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(11) **WO 98/49592** (13) A1

(21) PCT/FR98/00851

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05256 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 27/01, A61B 3/00**

(54) • OPTICAL SYSTEM COMBINING IMAGE PRESENTATION AND EYE ANALYSIS
• SYSTEME OPTIQUE COMBINANT UNE PRESENTATION D'IMAGE ET UNE ANALYSE DE L'OEIL

(71) **SEXTANT AVIONIQUE** [FR/FR]; Aérodrome de Villacoublay, F–78140 Velizy Villacoublay (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **GULLI, Christian** [FR/FR]; Thomson–CSF Propriété Intellectuelle, Dépt. Protection et conseil, 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR). **LEGER, Alain** [FR/FR]; Thomson–CSF Propriété Intellectuelle, Dépt. Protection et conseil, 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR). **BIGNOLLES, Laurent** [FR/FR]; Thomson–CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR). **LAMARQUE, Frédéric** [FR/FR]; Thomson–CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR). **LE GARGASSON, Jean–François** [FR/FR]; Thomson–CSF Propriété Intellectuelle, Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR).

(74) **THOMSON–CSF PROPRIETE INTELLECTUELLE**; Dépt. Protection et Conseil, 13, avenue du Président Salvador Allende, F–94117 Arcueil Cedex (FR).

(81) CA IL JP RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49593** (13) A1

(21) PCT/US98/06799

(22) **6 Apr/avr 1998 (06.04.1998)**

(25) en (26) en

(31) 08/841,289 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02B 27/14, B23K 26/00**

(54) • LASER BEAM DISTRIBUTOR
• REPARTITEUR DE FAISCEAU LASER

(71) **GENERAL SCANNING, INC.** [US/US]; 37 Broadway Street, Arlington, MA 02174 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NEYLAN, Edward, J.** [US/US]; 26 Erion Drive, Nashua, NH 03062 (US). **GAO, Harry, Hong** [CN/US]; 157 Franklin Street, E–1, Stoneham, MA 02180 (US). **REGAN, Donald, T.** [US/US]; 45 McKinley Street, Maynard, MA 02180 (US).

(74) **MROSE, James, E.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110–2804 (US).

(81) CA CH DE GB IL JP KR SG US.

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(11) **WO 98/49594** (13) A1

(21) PCT/US98/07778

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/845,335 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02C 7/04**

(54) • MULTIFOCAL CORNEAL CONTACT LENSES
• LENTILLES DE CONTACT CORNEENNES MULTIFOCALES

(71) **PERMEABLE TECHNOLOGIES, INC.** [US/US]; 712 Ginesi Drive, Morganville, NJ 07751 (US).

(72) **SEIDNER, Leonard**; 4 Walden Court, Manalpal, NJ 07726 (US). **POSTER, Maurice**; 108 Columbia Drive, Jericho, NY 11753 (US).

(74) **SUDOL, R., Neil**; Coleman Sudol, LLP, Suite 1301, 270 Madison Avenue, New York, NY 10016 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49595** (13) A1

(21) PCT/GB98/01235

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708647.4 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02C 13/00, A61L 2/00**

(54) • DEVICE FOR CLEANING CONTACT LENS AND SIMILAR UTILITY ITEMS
• DISPOSITIF DE NETTOYAGE DE LENTILLES DE CONTACT ET D'ARTICLES SIMILAIRES

(71, 72) **IFEJIKA, Charles, Philip** [GB/GB]; 7 Kings Road, London NW10 2BL (GB).

(74) **JENSEN & SON**; 70 Paul Street, London, EC2A 4NA (GB).

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

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(11) **WO 98/49596** (13) A1

(21) PCT/JP98/01955

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/113002 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02F 1/1337, C08G 69/26, 73/10**

(54) • ALIGNING AGENT FOR LIQUID CRYSTAL
• AGENT D'ALIGNEMENT POUR CRISTAL LIQUIDE

(71) **NISSAN CHEMICAL INDUSTRIES, LTD.** [JP/JP]; 7–1, Kanda–Nishiki–cho 3–chome, Chiyoda–ku, Tokyo 101–0054 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ENDOU, Hideyuki** [JP/JP]; Nissan Chemical Industries, Ltd., Central Research Institute, 722–1, Tsuboi–cho, Funabashi–shi, Chiba 274–8507 (JP). **NIHIRA, Takayasu** [JP/JP]; Nissan Chemical Industries, Ltd., Central Research Institute, 722–1, Tsuboi–cho, Funabashi–shi, Chiba 274–8507 (JP). **FUKURO, Hiroyoshi** [JP/JP]; Nissan Chemical Industries, Ltd., Central Research Institute, 722–1, Tsuboi–cho, Funabashi–shi, Chiba 274–8507 (JP).

(74) **OGAWA, Toshiharu** et al. / etc.; Torimoto Kogyo Building, 38, Kanda–Higashimatsushitacho, Chiyoda–ku, Tokyo 101–0042 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49597** (13) A1

(21) PCT/US98/04907

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/841,272 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G02F 1/1341, 1/1333, 1/1339**

(54) • CONTINUOUS–PROCESS MACHINES AND METHODS FOR MANUFACTURING LIQUID CRYSTAL DISPLAYS
• MACHINES DE TRAITEMENT CONTINU ET PROCEDES DE FABRICATION D'AFFICHAGES A CRISTAUX LIQUIDES

(71) **ADVANCED DISPLAY SYSTEMS, INC.** [US/US]; 10901 Airport Boulevard, No. 1, Amarillo, TX 79111 (US).

(71, 72) **MA, Yao, Dong** [CN/US]; 1241 Richland Oaks, Richardson, TX 75081 (US).

(74) **CHWANG, T., Ling**; Hitt Chwang & Gaines, P.C., 225 University Plaza, 275 West Campbell Road, Richardson, TX 75080 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49598** (13) A1

(21) PCT/DE98/01096

(22) **18 Apr/avr 1998 (18.04.1998)**

(25) de (26) de

(31) 197 18 070.1 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(31) 197 56 843.2 (32) **19 Dec/déc 1997** (33) DE **(19.12.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03B 21/16, 21/10**

(54) • METHOD AND DEVICE FOR COOLING OVERHEAD PROJECTION MODULES
• PROCEDE ET DISPOSITIF POUR LE REFROIDISSEMENT DE MODULES DE RETROPROJECTION

(71, 72) **SEUFERT, Heinz** [DE/DE]; Geigersbergstrasse 42, D–76227 Karlsruhe (DE).

(74) **PFEIFER, Hans–Peter** et al. / etc.; Beiertheimer Allee 19, D–76137 Karlsruhe (DE).

(81) CA DE JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49599** (13) A1

(21) PCT/US98/07819

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 08/845,662 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03B 21/56, 21/32, G09B 9/08, H04N 9/31, 5/74, 13/00**

(54) • THEATER WITH MULTIPLE SCREEN THREE–DIMENSIONAL FILM PROJECTION SYSTEM
• THEATRE AVEC SYSTEME DE PROJECTION DE FILMS EN TROIS DIMENSIONS SUR ECRANS MULTIPLES

(71) **UNIVERSAL STUDIOS, INC.** [US/US]; Building 488, 7th floor, 100 Universal City Plaza, Universal City, CA 91608 (US).

(72) **GODDARD, Gary**; 5200 Lankershim Boulevard, North Hollywood, CA 91601 (US). **BEZARK, Adam**; 5200 Lankershim Boulevard, North Hollywood, CA 91601 (US).

(74) **OHRINER, Kenneth, H.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071–2066 (US).

(81) BR CN JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49600** (13) A1

(21) PCT/JP98/01926

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/112138 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03F 7/008, 7/033, G02B 5/20, C09D 5/00, H01J 9/227**

(54) • PHOTOSENSITIVE COMPOSITION AND METHOD OF PATTERN FORMATION
• COMPOSITION PHOTOSENSIBLE ET PROCEDE POUR FORMER DES MOTIFS

(71) **TOYO GOSEI KOGYO CO., LTD.** [JP/JP]; 1603, Kamimyoden Ichikawa–shi, Chiba 272–0012 (JP). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WATANABE, Masaharu** [JP/JP]; Photosensitive Materials Research Laboratory, Toyo Gosei Kogyo Co., Ltd., 3805, Hagiwara, Inba–mura, Inba–gun, Chiba 270–1601 (JP). **TOCHIZAWA, Noriaki** [JP/JP]; Photosensitive Materials Research Laboratory, Toyo Gosei Kogyo Co., Ltd., 3805, Hagiwara, Inba–mura, Inba–gun, Chiba 270–1601 (JP). **IMAMURA, Yukari** [JP/JP]; Photosensitive Materials Research Laboratory, Toyo Gosei Kogyo Co., Ltd., 3805, Hagiwara, Inba–mura, Inba–gun, Chiba 270–1601 (JP). **KIKUCHI, Hideo** [JP/JP]; Photosensitive Materials Research Laboratory, Toyo Gosei Kogyo Co., Ltd., 3805, Hagiwara, Inba–mura, Inba–gun, Chiba 270–1601 (JP).

(74) **KURIHARA, Hiroyuki**; 5th floor, Kougetsu Building, 5–2, Ebisu 1–chome, Shibuya–ku, Tokyo 150–0013 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49601** (13) A1

(21) PCT/JP98/01964

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/126530 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(31) 9/134266 (32) **8 May/mai 1997** (33) JP **(08.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03F 7/022, 1/08, C09D 5/00, H01L 21/312**

(54) • POSITIVE RESIST COMPOSITION FOR PHOTOMASK PREPARATION
• COMPOSITION DE PHOTORESINE POSITIVE POUR PHOTOMASQUE

(71) **NIPPON ZEON CO., LTD.** [JP/JP]; 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATO, Takeyoshi** [JP/JP]; Research & Development Center, Nippon Zeon Co., Ltd., 2–1, Yako 1–chome, Kawasaki–ku, Kawasaki–shi, Kanagawa 210–0863 (JP).

(74) **NISHIKAWA, Shigeaki**; Visual City 401, 43–8, Higashi–Nippori 3–chome, Arakawa–ku, Tokyo 116–0014 (JP).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49602** (13) A1

(21) PCT/EP98/02333

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/846,986 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03F 7/09, C08F 8/30**

(54) • LIGHT ABSORBING POLYMERS
• POLYMERES ABSORBANT LA LUMIERE

(71) **CLARIANT INTERNATIONAL, LTD.** [CH/CH]; Rothausstrasse 61, CH–4132 Muttenz 1 (CH).

(72) **DING, Shuji**; 9 Winthrop Drive, Branchburg, NJ 08876 (US). **KHANNA, Dinesh, N.**; 7 Sutton Farm Road, Flemington, NJ 08822 (US). **LU, Ping–Hung**; 473 Steeple Chase Lane, Bridgewater, NJ 08807 (US). **SHAN, Jianhui**; 2 Robin Lane, High Bridge, NJ 08829 (US). **DAMMEL, Ralph, R.**; 8 Quimby Lane, Flemington, NJ 08822 (US). **DURHAM, Dana, L.**; 41 Copper Penny Road, Flemington, NJ 08822 (US). **RAHMAN, M., Dalil**; 62 Concord Ridge Road, Flemington, NJ 08822 (US). **MCCULLOCH, Iain**; 18 Hampton Court, Basking Ridge, NJ 07920 (US).

(74) **HÜTTER, Klaus**; Clariant GmbH, Patente, Marken und Lizenzen, Building K801, Room 2027, D–65926 Frankfurt am Main (DE).

(81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49603** (13) A1

(21) PCT/EP98/02334

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/841,750 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03F 7/09**

(54) • ANTIREFLECTIVE COATING COMPOSITIONS FOR PHOTORESIST COMPOSITIONS AND USE THEREOF
• COMPOSITIONS DE REVETEMENT ANTI-REFLET POUR DES COMPOSITIONS DE PHOTORESIST, ET UTILISATION DE CES DERNIERES

(71) **CLARIANT INTERNATIONAL, LTD.** [CH/CH]; Rothausstrasse 61, CH–4132 Muttenz 1 (CH).

(72) **DING, Shuji**; 9 Winthrop Drive, Branchburg, NJ 08876 (US). **LU, Ping–Hung**; 473 Steeple Chase Lane, Bridgewater, NJ 08807 (US). **KHANNA, Dinesh, N.**; 7 Sutton Farm Road, Flemington, NJ 08822 (US). **SHAN, Jianhui**; 2 Robin Lane, High Bridge, NJ 08829 (US). **DURHAM, Dana, L.**; 41 Copper Penny Road, Flemington, NJ 08822 (US). **DAMMEL, Ralph, R.**; 8 Quimby Lane, Flemington, NJ 08822 (US). **RAHMAN, M., Dalil**; 62 Concord Ridge Road, Flemington, NJ 08822 (US).

(74) **HÜTTER, Klaus**; Clariant GmbH, Patente, Marken und Lizenzen, Building K801, Room 2027, D–65926 Frankfurt am Main (DE).

(81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49604** (13) A1

(21) PCT/US98/08091

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/847,136 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03G 7/00, B41M 5/00**

(54) • IMAGING MEDIUM COMPRISING POLYVINYL CHLORIDE, METHOD OF IMAGING SAID MEDIUM, AND IMAGE–BEARING MEDIUM
• SUPPORT A IMPRIMER COMPRENANT DU CHLORURE DE POLYVINYLE, PROCEDE D'IMPRESSION DUDIT SUPPORT ET SUPPORT SUR LEQUEL UNE IMAGE EST IMPRIMEE

(71) **MINNESOTA MINING AND MANUFACTURING 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) **DOWDALL, Janice, L.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49605** (13) A1

(21) PCT/US98/08197

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,398 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03G 7/00**

(54) • IMAGING MEDIUM COMPRISING POLYCARBONATE, METHOD OF MAKING, METHOD OF IMAGING, AND IMAGE–BEARING MEDIUM
• SUPPORT DE FORMATION D'IMAGE COMPORTANT DU POLYCARBONATE, PROCEDE DE FABRICATION, TECHNIQUE DE FORMATION D'IMAGE ET SUPPORT PORTEUR D'IMAGE

(71) **MINNESOTA MINING AND MANUFACTURING 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) **DOWDALL, Janice, L.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49606** (13) A1

(21) PCT/EP98/02574

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) de (26) de

(31) 197 18 416.2 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G03G 15/00**

(54) • PROCESS AND CIRCUIT FOR INITIALISING A PRINTER OR COPYING MACHINE
• PROCEDE ET CIRCUIT D'INITIALISATION D'UNE IMPRIMANTE OU PHOTOCOPIEUSE

(71) **OCE PRINTING SYSTEMS GMBH** [DE/DE]; Siemensallee 2, D–85586 Poing (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WARBUS, Volker** [DE/DE]; Münchner Strasse 18, D–82041 Oberhaching (DE). **SCHEIDIG, Karola** [DE/DE]; Herdweg 2 B, D–85652 Pliening (DE).

(74) **SCHAUMBURG, Karl–Heinz** et al. / etc.; Postfach 86 07 48, D–81634 München (DE).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49607** (13) A1

(21) PCT/US98/08252

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/848,842 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G05F 1/613, 1/618, H02M 7/00, 3/335**

(54) • DC–TO–DC CONVERTER WITH SET POINT VOLTAGE CONTROL OF THE OUTPUT VOLTAGE
• CONVERTISSEUR CONTINU–CONTINU A COMMANDE EN TENSION DE LA VALEUR DE CONSIGNE DE LA TENSION DE SORTIE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).

(72) **MASSIE, Harold, L.**; 1223 Marylhurst Drive, West Linn, OR 97068 (US). **PAYTON, Edward, L.**; 14530 S.E. Rhine, Portland, OR 97236 (US). **WICKERSHAM, Robert, D.**; 121 N.E. 12th Avenue, Hillsboro, OR 97124 (US).

(74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49608** (13) A2

(21) PCT/US98/08642

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/840,335 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F**

(54) • METHOD FOR REFORMATTING CONVENTIONAL THREE FIELD DATE FORMATS TO PRODUCE A CENTURY ACCUMULATED DATE
• PROCEDE PERMETTANT DE REFORMATER LES FORMATS DE DATE A TROIS CHAMPS CLASSIQUES AFIN DE PRODUIRE UNE DATE A SIECLE CUMULE

(71, 72) **HOFFMAN, Milton, R.** [US/US]; 4769 N. Woodburn Avenue, Whitefish Bay, WI 53211–1126 (US). **SLATIN, Ronald, C.** [US/US]; 412 S. Leitch Avenue, La Grange, IL 60525 (US).

(74) **BAXTER, Keith, M.**; Quarles & Brady, 411 East Wisconsin Avenue, Milwaukee, WI 53202–4497 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49609** (13) A2

(21) PCT/US98/09063

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/847,124 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F**

(54) • METHOD AND SYSTEM FOR LOCATING ENCLOSING OWNERS OF EMBEDDED OBJECTS
• PROCEDE ET SYSTEME DE LOCALISATION DE PROPRIETAIRES ENFERMANT D'OBJETS ENFERMES

(71) **MICROSOFT CORPORATION** [US/US]; One Microsoft Way, Redmond, WA 98052–6399 (US).

(72) **DALAL, Ketan**; 510 11th Avenue East, Seattle, WA 98102 (US). **KRISHNASWAMY, Raja**; Apartment A1–112, 13702 N.E. 9th Place, Bellevue, WA 98005 (US).

(74) **PIRIO, Maurice, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104–7092 (US).

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

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(11) **WO 98/49610** (13) A1

(21) PCT/KR98/00101

(22) **25 Apr/avr 1998 (25.04.1998)**

(25) en (26) en

(31) 1997/9270 U (32) **26 Apr/avr 1997 (26.04.1997)** (33) KR

(31) 1997/47278 (32) **13 Sep/sep 1997 (13.09.1997)** (33) KR

(31) 1998/4988 U (32) **1 Apr/avr 1998 (01.04.1998)** (33) KR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 1/00, 1/16**

(54) • PAPER HOLDING DEVICE FOR NOTEBOOK COMPUTER
• DISPOSITIF DE MAINTIEN DU PAPIER SUR ORDINATEUR PORTATIF

(71, 72) **YUN, Je, Ho** [KR/KR]; #A–301 Hwangtobang Villa, 603–10 Sa–dong, Kyongsan–si, Kyongsangbuk–do 712–190 (KR).

(74) **KIM, Jong, Yoon** et al. / etc.; #509 Sung–Jee 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 GW HU ID IL 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49611** (13) A1

(21) PCT/US98/08283

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/842,952 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/846,759 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 3/00**

(54) • SUPPLYING SUPPLEMENTARY INFORMATION FOR PRINTED BOOKS
• FOURNITURE D'INFORMATIONS SUPPLEMENTAIRES POUR LIVRES IMPRIMES

(71) **THE FOUNDATION FOR CONCEPTS IN EDUCATION, INC., doing business as WINSLOW PRESS** [US/US]; Suite 201, 770 East Atlantic Avenue, Delray Beach, FL 33483 (US).

(72) **KESSENICH, Diane, F.**; 2423 North Ocean Boulevard, Gulfstream, FL 33483 (US). **BIERWIRTH, Johanna**; 213 S. Timbercreek Drive, Amarillo, TX 79118 (US). **CLARK, Brett**; Apartment 702, 23 East Tenth Street, New York, NY 10003 (US). **HEGEMAN, Kathryn, T.**; 18 East Pond Lane, Eastport, NY 11941 (US).

(74) **FRIED, Harvey, D.** et al. / etc.; Quarles & Brady, 4th floor, 222 Lakeview Avenue, P.O. Box 3188, West Palm Beach, FL 33402–3188 (US).

(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 UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49612** (13) A1

(21) PCT/US98/08618

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/845,984 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 3/00, 9/06, 9/44, 17/00, 15/20, 15/00, 15/40**

(54) • UNIVERSAL SOFTWARE STRUCTURE FOR REPRESENTING MODEL STRUCTURES
• STRUCTURE UNIVERSELLE DE LOGICIEL SERVANT A REPRESENTER DES STRUCTURES MODELES

(71) **STRATUM TECHNOLOGIES CORPORATION** [US/US]; 334 Fifth Street, Montara, CA 94037 (US).

(72) **JENKINS, Jimmy, J.**; 334 Fifth Street, Montara, CA 94037 (US).

(74) **TEST, Aldo, J.** et al. / etc.; Flehr, Hohbach, Test, Albritton & Herbert LLP, Suite 3400, 4 Embarcadero Center, San Francisco, CA 94111–4187 (US).

(81) AU CA JP NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49613** (13) A2

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(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,118 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 3/00**

(54) • AUTOMATICALLY–MAINTAINED CUSTOMIZABLE USER INTERFACES
• INTERFACES UTILISATEUR PERSONNALISABLES A MAINTENANCE AUTOMATIQUE

(63) US 60/045,118 (CON) 30 Apr/avr 1997 (30.04.1997)

(71) **GEODESIC SYSTEMS L.L.C.** [US/US]; 414 N. Orleans, Suite 410, Chicago, IL 60610 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SPERTUS, Michael, P.** [US/US]; Geodesic Systems L.L.C., Suite 410, 414 N. Orleans, Chicago, IL 60610 (US). **FITERMAN, Charles** [US/US]; Geodesic Systems L.L.C., Suite 410, 414 N. Orleans, Chicago, IL 60610 (US).

(74) **NELSON, Gordon, E.**; 57 Central St., P.O. Box 782, Rowley, MA 01969 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49614** (13) A1

(21) PCT/US98/08309

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/846,011 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 3/033, G09G 5/08**

(54) • METHOD AND APPARATUS FOR DESIGNING AND CONTROLLING FORCE SENSATIONS IN FORCE FEEDBACK COMPUTER APPLICATIONS
• PROCEDE ET APPAREIL DE CONCEPTION ET DE CONTROLE DE SENSATIONS D'EFFORT TRANSMISES DANS DES APPLICATIONS INFORMATIQUES A RETOUR D'EFFORT

(71) **IMMERSION HUMAN INTERFACE CORPORATION** [US/US]; 2158 Paragon Drive, San Jose, CA 95131 (US).

(72) **ROSENBERG, Louis, B.**; 849 Palomino Drive #2, Pleasanton, CA 94566 (US). **CHANG, Dean, C.**; 365 Forest Avenue #2B, Palo Alto, CA 94301 (US).

(74) **HICKMAN, Paul, L.**; Hickman & Martine, LLP, P.O. Box 52037, Palo Alto, CA 94303–0746 (US).

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(11) **WO 98/49615** (13) A1

(21) PCT/DE98/01038

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) de (26) de

(31) 197 18 417.0 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 3/12**

(54) • METHOD FOR CONTROLLING A PRINTER
• PROCEDE DE COMMANDE D'UNE IMPRIMANTE

(71) **OCÉ PRINTING SYSTEMS GMBH** [DE/DE]; Siemensallee 2, D–85586 Poing (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **SCHEIDIG, Karola** [DE/DE]; Herdweg 2B, D–85652 Pliening (DE). **WARBUS, Volker** [DE/DE]; Münchener Strasse 18, D–82041 Oberhaching (DE). **LAY, Heinrich** [DE/DE]; Altdorfer Strasse 8, D–84513 Töging (DE).

(74) **SCHAUMBURG, Karl–Heinz** et al. / etc.; Postfach 86 07 48, D–81634 München (DE).

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(11) **WO 98/49616** (13) A1

(21) PCT/US98/07626

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/845,817 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 7/00 // 5/01**

(54) • AN APPARATUS AND METHOD FOR BIT REVERSING AND SHIFTING
• APPAREIL ET PROCEDE DE DECALAGE ET D'INVERSION DE L'ORDRE BINAIRE

(71) **ZSP CORPORATION** [US/US]; 982 Walsh Avenue, Santa Clara, CA 95050 (US).

(72) **SHAH, Shailesh, I.**; 1000 Escalon Avenue #1060, Sunnyvale, CA 94086 (US).

(74) **SURYADEVARA, Omkar**; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

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

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(11) **WO 98/49617** (13) A2

(21) PCT/US98/07698

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 08/845,730 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 7/00**

(54) • WEB SITE CONSTRUCTION BY INFERRING NAVIGATIONAL STRUCTURE FROM PHYSICAL FILE STRUCTURE
• CONSTRUCTION DE SITE WEB PAR INFERENCE D'UNE STRUCTURE DE NAVIGATION A PARTIR D'UNE STRUCTURE DE FICHIER PHYSIQUE

(71) **ADOBE SYSTEMS INCORPORATED** [US/US]; 345 Park Avenue, San Jose, CA 95110 (US).

(72) **WISHNIE, Jeffrey, L.**; 3435 Cesar Chavez Street #208, San Francisco, CA 94110 (US). **EYZAGUIRRE, Alan, K.**; 460 35th Avenue, Santa Cruz, CA 94052 (US). **QUINTO, Kai, L.**; 3435 Cesar Chavez Street #208, San Francisco, CA 94110 (US).

(74) **BOROVOY, Roger, S.** et al. / etc.; Fish & Richardson P.C., Suite 100, 2200 Sand Hill Road, Menlo Park, CA 94025 (US).

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

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(11) **WO 98/49618** (13) A1

(21) PCT/US98/08725

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,756 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 9/46, 9/44**

(54) • METHODS AND SYSTEMS FOR SYNCHRONIZING PROCESSES EXECUTING ON A DIGITAL DATA PROCESSING SYSTEM
• PROCEDES ET SYSTEMES DE SYNCHRONISATION DE PROCESSUS S'EXECUTANT DANS UN SYSTEME DE TRAITEMENT DE DONNEES NUMERIQUES

(71) **THE FOXBORO COMPANY** [US/US]; 33 Commercial Street, Foxboro, MA 01463 (US).

(72) **ELDRIDGE, Keith, E.**; 62 N. Precinct Street, E. Taunton, MA 02718 (US). **BUSHY, Dennis, M.**; 34 Hunters Run, Franklin, MA 02038 (US).

(74) **POWSNER, David, J.**; Choate, Hall & Stewart, Exchange Place, 53 State Street, Boston, MA 02109 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49619** (13) A1

(21) PCT/FR98/00814

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) fr (26) fr

(31) 97/05279 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 11/20**

(54) • METHOD AND DEVICE FOR CONNECTING A DATA PROCESSING SYSTEM CENTRAL UNIT TO A REDUNDANCY DATA STORAGE SUB–SYSTEM
• PROCEDE ET DISPOSITIF DE CONNEXION DE L'UNITE CENTRALE D'UN SYSTEME DE TRAITEMENT DE DONNEES A UN SOUS–SYSTEME DE STOCKAGE DE DONNEES A REDONDANCE

(71) **BULL S.A.** [FR/FR]; 68, route de Versailles, F–78430 Louveciennes (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PINSON, Denis** [FR/FR]; 9, rue de la Justice, F–78770 Goupillières (FR).

(74) **GUILLERM, Patrice**; Bull S.A., 68, route de Versailles, (P.C.:59C18), F–78430 Louveciennes (FR).

(81) CA JP US.

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(11) **WO 98/49620** (13) A1

(21) PCT/US98/08142

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/845,718 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 11/20**

(54) • REDUNDANT SERVER FAILOVER IN NETWORKED ENVIRONMENT
• REPRISE PAR UN SERVEUR REDONDANT, DANS UN ENVIRONNEMENT EN RESEAU

(71) **SYMBIOS, INC.** [US/US]; 2001 Danfield Court, Fort Collins, CO 80525 (US).

(72) **DELANEY, William, P.**; 14715 Siefkes, Wichita, KS 67230 (US).

(74) **BAILEY, Wayne, P.**; Symbios, Inc., 2001 Danfield Court, Fort Collins, CO 80525 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); 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 ML MR NE SN TD TG).

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(11) **WO 98/49621** (13) A1

(21) PCT/US98/08144

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/845,304 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 11/20**

(54) • CONTROL MESSAGE INTERFACING IN A REDUNDANT SERVER ENVIRONMENT
• INTERFAÇAGE DE MESSAGES DE COMMANDE DANS UN ENVIRONNEMENT A SERVEURS REDONDANTS

(71) **SYMBIOS, INC.** [US/US]; 2001 Danfield Court, Fort Collins, CO 80525 (US).

(72) **DELANEY, William, P.**; 14715 Siefkes, Wichita, KS 67230 (US). **FREDIN, Gerald, J.**; 10230 Westport, Wichita, KS 67212 (US). **SPRY, Andrew, J.**; 2433 Baytree, Wichita, KS 67205 (US).

(74) **BAILEY, Wayne, P.**; Symbios, Inc., 2001 Danfield Court, Fort Collins, CO 80525 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); 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 ML MR NE SN TD TG).

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(11) **WO 98/49622** (13) A1

(21) PCT/DE98/01085

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) de (26) de

(31) 197 18 479.0 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 12/02, G11C 16/06**

(54) • CHIP CARD WITH MEMORY ACCESS MAXIMISATION AND LOGGING
• CARTE A PUCE AVEC MAXIMISATION DES ACCES A LA MEMOIRE ET ENREGISTREMENT

(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) **WEINLÄNDER, Markus** [DE/DE]; Grabenstrasse 6, D–91230 Happurg (DE).

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

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(11) **WO 98/49623** (13) A1

(21) PCT/GB98/00344

(22) **3 Feb/fév 1998 (03.02.1998)**

(25) en (26) en

(31) 9708822.3 (32) **30 Apr/avr 1997** (33) GB **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 12/14**

(54) • MEMORY ACCESS PROTECTION
• PROTECTION DE L'ACCES A LA MEMOIRE

(71) **ARM LIMITED** [GB/GB]; 90 Fulbourn Road, Cherry Hinton, Cambridge CB1 4JN (GB).

(72) **SEGARS, Simon, Anthony**; 7 Pettits Close, Fulbourn, Cambridge CB1 5BJ (GB).

(74) **HORNER, David, Richard**; D. Young & Co., 21 New Fetter Lane, London EC4A 1DA (GB).

(81) CN IL JP KR RU; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49624** (13) A1

(21) PCT/JP98/01991

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/112013 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(31) 9/112014 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(31) 9/112015 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 13/00**

(54) • INFORMATION RECEIVING AND DISTRIBUTING SYSTEMS AND PROGRAM RECORDING MEDIA THEREFOR
• SYSTEMES DE RECEPTION ET DE DIFFUSION D'INFORMATIONS ET SUPPORT D'ENREGISTREMENT DE PROGRAMMES CORRESPONDANT

(71) **PFU LIMITED** [JP/JP]; 98–2, Nu, Aza–Unoke, Unoke–machi, Kahoku–gun, Ishikawa 929–1192 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMANO, Tosikuni** [JP/JP]; PFU Limited, 98–2, Nu, Aza–Unoke, Unoke–machi, Kahoku–gun, Ishikawa 929–1192 (JP). **KUBOTA, Akira** [JP/JP]; PFU Limited, 98–2, Nu, Aza–Unoke, Unoke–machi, Kahoku–gun, Ishikawa 929–1192 (JP). **ABE, Sinya** [JP/JP]; PFU Limited, 98–2, Nu, Aza–Unoke, Unoke–machi, Kahoku–gun, Ishikawa 929–1192 (JP). **KITAMURA, Kouji** [JP/JP]; PFU Limited, 98–2, Nu, Aza–Unoke, Unoke–machi, Kahoku–gun, Ishikawa 929–1192 (JP).

(74) **MORITA, Hiroshi**; Kaimei Patent Office, Sankyo Central Plaza Building 5F, 11–8 Nishi–Nippori 5–chome, Arakawa–ku, Tokyo 116–0013 (JP).

(81) AU KR SG US.

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(11) **WO 98/49625** (13) A1

(21) PCT/US98/00913

(22) **20 Jan/jan 1998 (20.01.1998)**

(25) en (26) en

(31) 08/847,139 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 13/00**

(54) • SYSTEM FOR ACCESSING AND TRANSFERRING INFORMATION FROM A PRIVATE COMPUTER
• SYSTEME PERMETTANT D'AVOIR ACCES A DES INFORMATIONS ET DE LES TRANSFERER A PARTIR D'UN ORIDINATEUR PERSONNEL

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **ENGELSMA, Jonathan, R.**; 7 Ridge Court, South Elgin, IL 60177 (US). **BUHRKE, Eric**; 106 Woodstock, Clarendon Hills, IL 60514 (US). **LEE, Kang**; 6143 Tyrnbury Drive, Lisle, IL 60532 (US).

(74) **CREPS, Heather, L.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) CN JP KP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49626** (13) A1

(21) PCT/US98/08621

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/847,099 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 13/00**

(54) • DISTRIBUTED MIRRORING OF DATA VOLUMES IN NETWORKED SYSTEMS
• PRODUCTION DE COPIES REPARTIES DE VOLUMES DE DONNEES DANS DES SYSTEMES EN RESEAU

(71) **AWARD SOFTWARE INTERNATIONAL, INC.** [US/US]; 777 East Middlefield Road, Mountain View, CA 95043–4023 (US).

(72) **BIZZARRI, Maurice**; 420 El Dorado Avenue, Palo Alto, CA 94306 (US).

(74) **BOYS, Donald, R.**; P.O. Box 187, Aromas, CA 95004 (US).

(81) CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49627** (13) A1

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(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,121 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 13/36, 13/40**

(54) • A METHOD AND SYSTEM FOR INTERFACING A PCI DEVICE TO AN EXTERNAL PCI BUS IN A DIFFERING CLOCK DOMAIN
• PROCEDE ET SYSTEME D'INTERFACE D'UN DISPOSITIF PCI AVEC UN BUS PCI EXTERNE DANS UN DOMAINE D'HORLOGE HETEROGENE

(71) **CIRRUS LOGIC, INC.** [US/US]; 3100 West Warren Avenue, M/S 521, Fremont, CA 94538–6419 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KANEKAL, Hemanth** [US/US]; 2587 Amaryl Drive, San Jose, CA 95132 (US).

(74) **SHAW, Steven, A.**; Cirrus Logic, Inc., 3100 West Warren, M/S 521, Fremont, CA 94538–6419 (US).

(81) AL AM AU BY CN CU CZ EE GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MG MK MN MW MX NO NZ PL RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49628** (13) A2

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/847,909 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 15/163**

(54) • METHOD FOR PREVENTING BUFFER DEADLOCK IN DATAFLOW COMPUTATIONS
• PROCEDE PERMETTANT DE PREVENIR UN INTERBLOCAGE DE TAMPONS DANS DES CALCULS DE FLUX DE DONNEES

(71) **AB INITIO SOFTWARE CORPORATION** [US/US]; 477 Virginia Road, Concord, MA 01742 (US).

(72) **STANFILL, Craig, W.**; 62 Florence Road, Waltham, MA 02154 (US). **LASSER, Clifford, A.**; Apartment 1, 15 Lee Street, Cambridge, MA 02139 (US).

(74) **LAND, John**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

(11) **WO 98/49629** (13) A1

(21) PCT/US98/08527

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/847,230 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 08/876,378 (32) **16 Jun/juin 1997 (16.06.1997)** (33) US

(31) 09/033,676 (32) **3 Mar/mar 1998 (03.03.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 15/18**

(54) • UNIVERSAL EPISTEMOLOGICAL MACHINE (A.K.A. ANDROID)
• MACHINE EPISTEMOLOGIQUE UNIVERSELLE (ANDROIDE A.K.A.)

(71, 72) **DATIG, William, E.** [US/US]; P.O. Box 528, Centerport, NY 11721 (US).

(74) **NEGRIN, Barry, E.** et al. / etc.; Levisohn, Lerner, Berger & Langsam, Suite 2400, 757 Third Avenue, New York, NY 10017 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/840,356 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/30**

(54) • BIBLIOGRAPHIC MUSIC DATA BASE WITH NORMALIZED MUSICAL THEMES
• BASE DE DONNEES MUSICALES BIBLIOGRAPHIQUES A THEMES MUSICAUX NORMALISES

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **HOFFBERG, Mark, B.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/49631** (13) A2

(21) PCT/IB98/00594

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 08/845,744 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/30**

(54) • SYSTEM FOR COMPOSING MULTIMEDIA LETTERS
• SYSTEME DE COMPOSITION DE LETTRES MULTIMEDIA

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **DASGUPTA, Aninda**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **GROENENDAAL, Antonius, W., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/49632** (13) A1

(21) PCT/US98/08243

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/844,698 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/30**

(54) • SYSTEM AND METHOD FOR ENTITY–BASED DATA RETRIEVAL
• SYSTEME ET METHODE AFFERENTE D'EXTRACTION DE DONNEES AXES SUR L'ENTITE

(71) **PRICE WATERHOUSE, LLP** [US/US]; 1251 Avenue of the Americas, New York, NY 10020 (US).

(72) **HUFFMAN, Scott**; 539 Gilbert Avenue, Menlo Park, CA 94025 (US). **BAUDIN, Catherine**; 1660 Lee Drive, Mountain View, CA 94306 (US). **NADO, Robert, A.**; 1660 Lee Drive, Mountain View, CA 94040 (US).

(74) **SILBERMAN, Gregory, P.**; Rogers & Wells LLP, 200 Park Avenue, New York, NY 10166–0153 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49633** (13) A1

(21) PCT/US98/08254

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/839,237 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/30**

(54) • SERVER–BASED HOST MONITOR
• MONITEUR HOTE ARTICULE AUTOUR D'UN SERVEUR

(71) **THE SABRE GROUP, INC.** [US/US]; 4255 Amon Carter Boulevard, Fort Worth, TX 76155 (US).

(72) **DELPH, Daniel, C.**; 304 Sandle Wood Lane, Euless, TX 76039 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49634** (13) A1

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(22) **24 Apr/avr 1998 (24.04.1998)**

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(31) 08/840,665 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/30**

(54) • SERVER–BASED KIOSK CONTROLLER
• PERIPHERIQUE DE COMMANDE DE KIOSQUE ARTICULE AUTOUR D'UN SERVEUR

(71) **THE SABRE GROUP, INC.** [US/US]; 4255 Amon Carter Boulevard, Forth Worth, TX 76155 (US).

(72) **DELPH, Daniel, C.**; 304 Sandle Wood Lane, Euless, TX 76039 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49635** (13) A1

(21) PCT/US98/08257

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/840,329 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/30, 17/60**

(54) • SERVER–BASED BROWSER MONITOR
• MONITEUR DE NAVIGATEUR ARTICULE AUTOUR D'UN SERVEUR

(71) **THE SABRE GROUP, INC.** [US/US]; 4255 Amon Carter Boulevard, Fort Worth, TX 76155 (US).

(72) **DELPH, Daniel, C.**; 304 Sandle Wood Lane, Euless, TX 76039 (US).

(74) **GARRETT, Arthur, S.** et al. / etc.; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005–3315 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49636** (13) A1

(21) PCT/US98/08667

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,934 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/30**

(54) • A METHOD FOR INCREMENTAL AGGREGATION OF DYNAMICALLY INCREASING DATABASE DATA SETS
• PROCEDE D'AGREGATION INCREMENTALE D'ENSEMBLES DE DONNEES D'UNE BASE DE DONNEES A ACCROISSEMENT DYNAMIQUE

(71) **INFORMATICA CORPORATION** [US/US]; 1200 Chrysler Drive, Menlo Park, CA 94025 (US).

(72) **SANKARAN, Mohan**; Apartment #604, 845 Hancock Street, Hayward, CA 94544 (US). **SURESH, Sankaran**; Apartment B, 147 Reed Avenue, Sunnyvale, CA 94086 (US). **WONG, Mon**; 1685 Hadeock Court, San Jose, CA 95132 (US). **NESAMONEY, Diaz**; 870 Dolores Street, San Francisco, CA 94110 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (US).

(81) CA JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49637** (13) A1

(21) PCT/US98/08785

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,850 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/30**

(54) • METHOD AND APPARATUS FOR SEARCHING A DATABASE OF RECORDS
• PROCEDE ET APPAREIL PERMETTANT DE PROCEDER A UNE RECHERCHE DANS UNE BASE DE DONNEES D'INFORMATIONS

(71) **NORTHERN LIGHT TECHNOLOGY, LLC** [US/US]; Suite 342, 222 Third Street, Cambridge, MA 02142 (US).

(72) **KRELLENSTEIN, Marc, F.**; 31–5 Hammond Pond Parkway, Chestnut Hill, MA 02167 (US).

(74) **CAPRARO, Joseph, A.**; Testa, Hurwitz & Thibeault, LLP, 125 High Street, High Street Tower, Boston, MA 02110 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49638** (13) A1

(21) PCT/US97/15381

(22) **28 Aug/août 1997 (28.08.1997)**

(25) en (26) en

(31) 08/840,341 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/50**

(54) • A METHOD FOR LINKING A HARDWARE DESCRIPTION TO AN IC LAYOUT
• PROCEDE POUR RELIER UNE DESCRIPTION DE MATERIEL A UN SCHEMA D'IMPLANTATION DE CIRCUITS INTEGRES

(71) **XILINX, INC.** [US/US]; 2100 Logic Drive, San Jose, CA 95124 (US).

(72) **GRANT, Douglas, M.**; #2 Kirkle Drive, Newton Mearns, Glasgow G77 5HA (GB). **GRAY, John, P.**; Glebe House, 2 High Street, Aberlady, East Lothian EH32 0RB (GB).

(74) **YOUNG, Edel, M.** et al. / etc.; Xilinx, Inc., 2100 Logic Drive, San Jose, CA 95124 (US).

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

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(11) **WO 98/49639** (13) A1

(21) PCT/GB98/01240

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/045,229 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 9716983.3 (32) **11 Aug/août 1997** (33) GB **(11.08.1997)**

(31) 9721355.7 (32) **8 Oct/oct 1997** (33) GB **(08.10.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/60**

(54) • NETWORK COMPUTER TRADING SYSTEM
• SYSTEME COMMERCIAL INFORMATIQUE EN RESEAU

(71, 72) **LAWRIE, Roderick, Malcolm, Gordon** [GB/GB]; The Coach House, 17 Victoria Road, Broughty Ferry, Dundee DD5 1BL (GB).

(74) **BERESFORD, Keith, Denis, Lewis** et al. / etc.; Beresford & Co., 2–5 Warwick Court, High Holborn, London WC1R 5DJ (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49640** (13) A1

(21) PCT/US98/06448

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) en (26) en

(31) 08/845,920 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/60**

(54) • CLIENT PROFILE MANAGEMENT WITHIN A MARKETING SYSTEM
• GESTION DE PROFIL CLIENT DANS UN SYSTEME DE MERCATIQUE

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; Technology Dept., 1133 19th Street N.W., Washington, DC 20036 (US).

(72) **WILKINSON, Roger, Dean**; 5795 Linger Way, Colorado Springs, CO 80919 (US). **SCOTT, Rob**; 8420 Vance Court, Colorado Springs, CO 80919 (US). **LA RUE, Lisa, Goehring**; 7120 Dark Horse Place, Colorado Springs, CO 80919 (US). **ZELTNER, Dan**; 22 Morning Star Circle, Woodland Park, CO 80863 (US). **SMYTH, Larry**; 7125 Oak Hills Lane, Colorado Springs, CO 80919 (US).

(74) **DALEY–WATSON, Christopher, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104–7092 (US).

(81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49641** (13) A1

(21) PCT/US98/06721

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) en (26) en

(31) 08/845,915 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/60**

(54) • SYSTEM AND METHOD FOR AUTOMATED LEAD GENERATION AND CLIENT CONTACT MANAGEMENT FOR A SALES AND MARKETING PLATFORM
• SYSTEME ET PROCEDE POUR ETABLISSEMENT AUTOMATIQUE D'INDICES ET GESTION AUTOMATIQUE DES CONTACTS CLIENT DANS UNE PLATE–FORME DE VENTE ET DE MARKETING

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; Technology Dept., 1133 19th Street, N.W., Washington, DC 20036 (US).

(72) **ROOT, Randal, William**; 4885 Harvest Road, Colorado Springs, CO 80917 (US). **KRUEGER, Alvin, Herman**; 175 Winding Meadow Way, Monument, CO 80132 (US). **PIEPER, Bruce, Roger**; 630 Harness, Monument, CO 80132 (US). **BINGHAM, David, Wayne**; 7920 Ferncliff Drive, Colorado Springs, CO 80920 (US). **GOLDBERG, Victor, Alan**; 28 Dove Drive, Ithaca, NY 14850 (US). **LIPSCOMB, George, Michael**; 2019 Eagle View Drive, Colorado Springs, CO 80909 (US). **DE LOLLIS, Anthony, J.**; 645 D. Autumn Crest Circle, Colorado Springs, CO 80919 (US).

(74) **DALEY–WATSON, Christopher, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104–7092 (US).

(81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **21 Apr/avr 1998 (21.04.1998)**

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(31) 08/845,919 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/60**

(54) • STRATEGIC MARKETING SYSTEM
• SYSTEME DE MARKETING STRATEGIQUE

(71) **MCI COMMUNICATIONS CORPORATION** [US/US]; Technology Dept., 1133 19th Street N.W., Washington, DC 20036 (US).

(72) **GRIM, Robert**; 8620 Breaswood Port #5, Colorado Springs, CO 80920 (US). **SOUSA, Ryan**; 2318 Langholm Drive, Colorado Springs, CO 80920 (US). **PATTERSON, Ronald**; 3913 Whisper Hollow Drive, Colorado Springs, CO 80920 (US). **THORNTON, Paula**; 2523 Spirerock Path, Colorado Springs, CO 80919 (US). **GELLER, Rob**; 8315 Alpine View Way, Colorado Springs, CO 80919 (US). **GREENFIELD, Lawrence**; 710 Huntington Drive, Highlands Ranch, CO 80126 (US). **MILLER, Alice**; 626 S. Pennsylvania Street, Denver, CO 80209 (US). **BARRETT, Paul**; 1745 S. Pennsylvania Street, Denver, CO 80210 (US). **KRUEGER, Al**; 175 Winding Meadow Way, Monument, CO 80132 (US).

(74) **DALEY–WATSON, Christopher, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104–7092 (US).

(81) AU CA JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49643** (13) A1

(21) PCT/US98/08236

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,722 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/60**

(54) • E–MAIL PROGRAM CAPABLE OF TRANSMITTING, OPENING AND PRESENTING A CONTAINER HAVING DIGITAL CONTENT USING EMBEDDED EXECUTABLE SOFTWARE
• PROGRAMME DE COURRIER ELECTRONIQUE CAPABLE D'EMETTRE, D'OUVRIR ET DE PRESENTER UN COFFRET A CONTENU NUMERIQUE AU MOYEN D'UN LOGICIEL EXECUTABLE ENFOUI

(71) **POSTX CORPORATION** [US/US]; 1688 Dell Avenue, Campbell, CA 95008 (US).

(72) **VENKATRAMAN, R., C.**; 1031 Harlan Drive, San Jose, CA 95129 (US). **CHEN, Vincent, Min–Hao**; 3314 Marchese Court, Santa Clara, CA 95051 (US). **NANJA, Sekaran**; 5824 Chambertin Drive, San Jose, CA 95118 (US). **GUJARATHI, Haresh**; Apartment E–204, 655 South Fair Oaks Avenue, Sunnyvale, CA 94086 (US).

(74) **JAKOPIN, David, A.** et al. / etc.; Cushman Darby & Cushman, IP Group of Pillsbury Madison & Sutro, LLP, 1100 New York Avenue N.W., Washington, DC 20005 (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 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49644** (13) A1

(21) PCT/US98/08407

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/044,372 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/60**

(54) • OPERATING RESOURCE MANAGEMENT SYSTEM
• SYSTEME DE GESTION DE RESSOURCES DE FONCTIONNEMENT

(71) **ARIBA TECHNOLOGIES, INC.** [US/US]; 1314 Chesapeake Terrace, Sunnyvale, CA 94089 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **ADAMS, Norman** [–/US]; 1502 Bedford Avenue, Sunnyvale, CA 94087 (US). **BROWN, Marc** [–/US]; 3549 Julie Court, Palo Alto, CA 94306 (US). **CARLSTROM, Brian** [–/US]; 2343 Running Water Court, Santa Clara, CA 95054 (US). **ELKIN, Brian** [–/US]; 1180 Reed Avenue #48, Sunnyvale, CA 94086 (US). **HEGARTY, Paul** [–/US]; 34032 Webfoot Loop, Fremont, CA 94555 (US). **HASKIN, Guy** [–/US]; 944 Erica Drive, Sunnyvale, CA 94086 (US). **PUTANEC, Boris** [–/US]; 1175 Laurel Street, Menlo Park, CA 94025 (US).

(74) **HODES, Alan, S.** et al. / etc.; Limbach & Limbach L.L.P., 2001 Ferry Building, San Francisco, CA 94111 (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 08/846,798 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 17/60**

(54) • METHOD AND SYSTEM FOR THE TRACKING AND PROFILING OF SUPPLY USAGE IN A HEALTH CARE ENVIRONMENT
• PROCEDE ET SYSTEME PERMETTANT DE CONTROLER L'UTILISATION DES FOURNITURES DANS LES MILIEUX DES SOINS DE SANTE ET D'ETABLIR DES PROFILS RELATIFS A CELLE–CI

(71) **DEROYAL INDUSTRIES, INC.** [US/US]; 200 Debusk Lane, Powell, TN 37849 (US).

(72) **DEBUSK, Brian, C.**; 805 Emory Road, Clinton, TN 37716 (US). **SHANKS, Mark, W.**; 105 Timbercrest Lane, Clinton, TN 37716 (US). **COFER, Michael, C.,**; 611 Whitesburg Drive, Knoxville, TN 37918 (US).

(74) **HODGES, Paul, E.**; Pitts & Brittian, P.C., P.O. Box 51295, Knoxville, TN 37950–1295 (US).

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

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(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/846,451 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 08/933,319 (32) **18 Sep/sep 1997 (18.09.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 19/00**

(54) • DYNAMICALLY RECONFIGURABLE ASSEMBLY LINE FOR ELECTRONIC PRODUCTS
• CHAINE D'ASSEMBLAGE RECONFIGURABLE DYNAMIQUEMENT D'ARTICLES ELECTRONIQUES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LIM, Ka, Tiek**; 27, Jalan Sungai Ara 4, Taman Sungai Ara, Bayan Lepas, 11900 Penang (MY). **LIM, Hun, Chiang**; 197, Data Kramat Road, 10150 Penang (MY).

(74) **HILLMAN, Val, Jean, F.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 8000 West Sunrise Boulevard, Fort Lauderdale, FL 60196 (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 GW 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 TJ TM TR TT UA UG UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49647** (13) A1

(21) PCT/US98/08915

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/858,200 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06F 19/00**

(54) • INTEGRATED DISEASE INFORMATION SYSTEM
• SYSTEME INTEGRE D'INFORMATION SUR LES MALADIES

(71) **MEDICAL SCIENCE SYSTEMS INC.** [US/US]; Suite 490, 4350 Von Karman Avenue, Newport Beach, CA 92660 (US).

(72) **HERREN, Tandy, L.**; 2019 Oak Crown, San Antonio, TX 78232 (US). **FINK, Pamela, K.**; 15330 Clear Grove, San Antonio, TX 78247 (US). **KORNMAN, Kenneth, S.**; 3007 Orchard Hill, San Antonio, TX 78230 (US). **MOEHLE, Christopher, J.**; 1802 Kingsbridge, San Antonio, TX 78253 (US). **MOORE, Debra, J.**; 3567 Shaw Avenue, Cincinnati, OH 45208 (US).

(74) **SACHS, Robert, R.** et al. / etc.; Fenwick & West LLP, Two Palo Alto Square, Palo Alto, CA 94306 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 60/043,099 (32) **16 Apr/avr 1997** (33) US **(16.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06K 7/10**

(54) • MARKED CARD READER
• LECTEUR DE CARTES MARQUE

(63) US 60/043,099 (CIP) 16 Apr/avr 1997 (16.04.1997)

(71) **NOVA CONTROLS, INC.** [US/US]; 250 Natural Bridges Drive, Santa Cruz, CA 95060 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HOWLAND, David, R.** [US/US]; 230 Campus Drive, Aptos, CA 95003 (US). **CASSADY, Henry, W.** [US/US]; 302 Esmeralda Drive, Santa Cruz, CA 95060 (US).

(74) **BROOKS, Kenneth, C.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111–3834 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 1005916 (32) **28 Apr/avr 1997** (33) NL **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06K 9/00**

(54) • FINGERLINE PATTERN IDENTIFICATION SYSTEM
• SYSTEME D'IDENTIFICATION POUR EMPREINTES DIGITALES

(71, 72) **VAN RUYVEN, Lodewijk, Johan** [NL/NL]; Waalkade 16–d, NL–5301 CH Zaltbommel (NL).

(74) **TIMMERMANS, A., C., Th.**; Octrooibureau Zuid en Bureau voor Merken en Modellen B.V., P.O. Box 4582, NL–5601 EN Eindhoven (NL).

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

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(11) **WO 98/49650** (13) A1

(21) PCT/GB98/01094

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 9708464.4 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06K 11/12**

(54) • CONVERTER FOR RESISTIVE TOUCHSCREENS
• CONVERTISSEUR POUR ECRANS TACTILES RESISTIFS

(71) **RAYCHEM LIMITED** [GB/GB]; IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **CHALLIS, Michael** [GB/GB]; 30 Martinfield, Swindon, Wiltshire SN3 5BN (GB).

(74) **JAY, Anthony, William** et al. / etc.; Raychem Limited, IPLD, Faraday Road, Dorcan, Swindon, Wiltshire SN3 5HH (GB).

(81) AU BR CA CN JP KR MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49651** (13) A2

(21) PCT/EP98/02539

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 18 122.8 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06K 19/04**

(54) • DEVICE FOR DETECTING THE PROPERTIES OF A LEAF–SHAPED ARTICLE
• DISPOSITIF POUR DETECTER LES PROPRIETES D'OBJETS EN FORME DE FEUILLE

(71) **GIESECKE & DEVRIENT GMBH** [DE/DE]; Prinzregentenstrasse 159, D–81677 München (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **WUNDERER, Bernd** [DE/DE]; Osterwaldstrasse 103, D–80805 München (DE).

(74) **KLUNKER, SCHMITT–NILSON, HIRSCH**; Winzererstrasse 106, D–80797 München (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49652** (13) A1

(21) PCT/SE98/00798

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9701612–5 (32) **29 Apr/avr 1997** (33) SE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06K 19/077, 19/07, B42D 15/10, G06K 19/02, B32B 27/08**

(54) • SMARTCARD AND METHOD FOR ITS MANUFACTURE
• CARTE A PUCE ET SON PROCEDE DE FABRICATION

(71, 72) **ASPLUND, Johan** [SE/SE]; Hornsgatan 61, 3 tr, S–118 49 Stockholm (SE).

(74) **FRANKS, Barry** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 3137, S–103 62 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49653** (13) A1

(21) PCT/US98/08902

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/847,123 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G06K 19/077**

(54) • METHODS FOR FORMING INTEGRATED CIRCUITS WITHIN SUBSTRATES, AND EMBEDDED CIRCUITS
• PROCEDE DE FORMATION DE CI DANS DES SUBSTRATS ET CIRCUITS ENFOUIS

(71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 South Federal Way, Boise, ID 83706 (US).

(72) **TUTTLE, Mark, E.**; 1998 Table Rock Road, Boise, ID 83712 (US). **LAKE, Rickie, C.**; 338 Pebble Beach Court, Eagle, ID 83616 (US).

(74) **LATWESEN, David, G.** et al. / etc.; Wells, St. John, Roberts, Gregory & Matkin, P.S., Suite 1300, 601 W. First Avenue, Spokane, WA 99201 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49654** (13) A1

(21) PCT/IL98/00185

(22) **19 Apr/avr 1998 (19.04.1998)**

(25) en (26) en

(31) 120729 (32) **25 Apr/avr 1997** (33) IL **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G07B 15/02, G07D 7/00, G06F 7/70, 17/60, B60Q 1/48, G08G 1/14, 1/00, 1/065**

(54) • A SYSTEM FOR INVOICING CARS PARKING
• SYSTEME DE FACTURATION DU STATIONNEMENT DE VEHICULES

(71, 72) **EREL, David** [IL/IL]; Mordecai Street 8, 47441 Ramat Hasharon (IL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49655** (13) A2

(21) PCT/DE98/01182

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 18 916.4 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G07C**

(54) • APPLICATION AND METHOD FOR CHECKING DOCUMENTS WITH EFFECTIVE OPTICAL DIFFRACTION SECURITY LAYER
• UTILISATION ET PROCEDE POUR LE CONTROLE DE DOCUMENTS A COUCHES DE SECURITE DIFFRINGENTES

(71) **WHD ELEKTRONISCHE PRÜFTECHNIK GMBH** [DE/DE]; Industriestrasse 19, D–01129 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PUTTKAMMER, Frank** [DE/DE]; Kastanienstrasse 19, D–01640 Coswig (DE).

(74) **HEITSCH, Wolfgang**; Göhlsdorfer Strasse 25g, D–14778 Jeserig (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49656** (13) A1

(21) PCT/SE98/00748

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) sv (26) en

(31) 9701579–6 (32) **25 Apr/avr 1997** (33) SE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G07C 11/00, G11C 5/00, H05K 7/02**

(54) • METHOD OF MAKING A COMPUTER THEFT–PROOF
• PROCEDE POUR PROTEGER UN ORDINATEUR CONTRE LE VOL

(71) **C–CURE AB** [SE/SE]; Karbingatan 12, S–254 67 Helsingborg (SE).

(72) **BJÖRK, Tomas**; Fältgatan 10, S–253 73 Helsingborg (SE). **MATTSSON, Per**; Spårögatan 34, S–257 32 Rydebäck (SE).

(74) **AWAPATENT AB**; P.O. Box 5117, S–200 71 Malmö (SE).

(81) DK DK (Utility model / modèle d'utilité) FI FI (Utility model / modèle d'utilité) NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49657** (13) A2

(21) PCT/DE98/01179

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 18 916.4 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(31) 198 12 812.6 (32) **16 Mar/mar 1998** (33) DE **(16.03.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G07D**

(54) • SECURITY ELEMENT STRUCTURE FOR DOCUMENTS, DEVICES FOR CHECKING DOCUMENTS WITH SUCH SECURITY ELEMENTS, METHOD FOR THE USE THEREOF
• STRUCTURE D'ELEMENTS DE SECURITE POUR DOCUMENTS ET DISPOSITIFS POUR LE CONTROLE DE DOCUMENTS DOTES DE TELS ELEMENTS DE SECURITE, AINSI QUE PROCEDE D'APPLICATION Y RELATIF

(71) **WHD ELEKTRONISCHE PRÜFTECHNIK GMBH** [DE/DE]; Industriestrasse 19, D–01129 Dresden (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PUTTKAMMER, Frank** [DE/DE]; Kastanienstrasse 19, D–01640 Coswig (DE).

(74) **HEITSCH, Wolfgang**; Göhlsdorfer Strasse 25g, D–14778 Jeserig (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49658** (13) A1

(21) PCT/US98/08806

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,883 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 08/951,614 (32) **16 Oct/oct 1997** (33) US **(16.10.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G07F 19/00, 7/10**

(54) • INTERNET PAYMENT AND LOADING SYSTEM USING SMART CARD
• SYSTEME DE PAIEMENT ET DE CHARGEMENT PAR INTERNET A L'AIDE D'UNE CARTE A PUCE

(71) **VISA INTERNATIONAL SERVICE ASSOCIATION** [US/US]; 900 Metro Center Boulevard, Foster City, CA 94404 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVIS, Virgil, M.** [US/US]; 1121 Runnymead Drive, Los Altos, CA 94024 (US). **CUTINO, Suzanne, C.** [US/US]; 431 Arkansas Street, San Francisco, CA 94107 (US). **BERG, Michael, J.** [US/US]; 2644 Belmont Canyon Road, Belmont, CA 940002 (US). **CONKLIN, Fredrick, Sidney** [US/US]; 26 Alida Court, Oakland, CA 94602 (US). **PRINGLE, Steven, John** [US/US]; 5174 Miles Avenue, Oakland, CA 94618 (US).

(74) **SCOTT, Jonathan, O.**; Beyer & Weaver, LLP, P.O. Box 61059, Palo Alto, CA 94306 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49659** (13) A2

(21) PCT/US98/07632

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,265 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) 08/990,811 (32) **15 Dec/déc 1997** (33) US **(15.12.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G08B 1/00**

(54) • PRESCRIPTION COMPLIANCE DEVICE AND METHOD OF USING DEVICE
• DISPOSITIF D'AIDE A L'OBSERVATION DE PRESCRIPTIONS MEDICALES ET PROCEDE D'UTILISATION DE CE DISPOSITIF

(71, 72) **SEKURA, Ronald, D.** [US/US]; 100 Anchor Drive #431, Key Largo, FL 33037 (US). **SEKURA, Carol, M.** [US/US]; 100 Anchor Drive #431, Key Largo, FL 33037 (US).

(74) **HAMILTON, James, D.** et al. / etc.; Oblon, Spivak, McClelland, Maier & Neustadt, P.C., Crystal Square Five, 4th floor, 1755 Jefferson Davis Highway, Arlington, VA 22202 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49660** (13) A1

(21) PCT/IL97/00137

(22) **29 Apr/avr 1997 (29.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G08B 1/08, 13/181**

(54) • SENSOR FOR LOCATING OBJECTS
• CAPTEUR SERVANT A LOCALISER DES OBJETS

(71) **MEDITECTOR MEDICAL ELECTRONIC EQUIPMENT LTD.** [IL/IL]; Herzl Street 27, 74081 Nes Ziona (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LEVY, Gidon** [IL/IL]; 76854 Kfar Mordechai (IL). **YANAI, Ehud** [IL/IL]; Reckafot Street 40, 36000 Kiriat Tivon (IL).

(74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH 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 SK (Utility model / modèle d'utilité) TJ TM TR TT UA UG US UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49661** (13) A1

(21) PCT/US98/08333

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,912 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G08B 5/22, 13/19, H04Q 1/00, 7/00, H04B 1/16**

(54) • EMERGENCY MESSAGING SYSTEM
• SYSTEME DE MESSAGERIE D'URGENCE

(71) **ALERT SYSTEMS, INC.** [US/US]; 4601 Hammersley Road, Madison, WI 53711 (US).

(72) **BELLIN, Robert, W.**; 4916 North Highway 83, Hartland, WI 53029–9308 (US). **POST, Kendall, E.**; 5622 Old Middleton Road, Madison, WI 53705 (US). **BLANDINO, Thomas, P.**; 4670 Raven Way, Cottage Grove, WI 53527 (US). **CLARK, Kenneth, R.**; 5707 Winnequah Road, Monona, WI 53716 (US).

(74) **MANN, Philip, P.** et al. / etc.; Suite 1900, 633 West Wisconsin Avenue, Milwaukee, WI 53203 (US).

(81) AU CN JP NZ RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49662** (13) A1

(21) PCT/GB97/01142

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G08B 21/00, G01K 1/02**

(54) • BABY MONITOR WITH TRANSMISSION OF AUDIO AND TEMPERATURE SIGNALS
• APPAREIL DE SURVEILLANCE POUR BEBE AVEC TRANSMISSION DE SIGNAUX AUDIO ET DE TEMPERATURE

(71) **KINDERTEC LTD.** [GB/GB]; St. John's Innovation Centre, Cowley Road, Cambridge CB4 4WS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GOOCH, David** [GB/GB]; Glebe House, 44 Main Street, Hardwick, Cambridge CB3 7QS (GB). **LIU, Chi, Cheung** [–/CN]; Eagletron Telecommunications Ltd., 22/F Fortei Building, 98 Texaco Road, Tsuen Wan, Hong Kong (CN).

(74) **KEITH W. NASH & CO.**; 90–92 Regent Street, Cambridge CB2 1DP (GB).

(81) AU CA CN JP KR NZ US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49663** (13) A1

(21) PCT/CA98/00373

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 2,203,591 (32) **24 Apr/avr 1997 (24.04.1997)** (33) CA

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G08B 25/14**

(54) • HOME AUTOMATION AND SECURITY SYSTEM CONTROLLER
• UNITE DE COMMANDE D'UN SYSTEME DOMOTIQUE ET D'UN SYSTEME DE SECURITE

(71) **DIGITAL SECURITY CONTROLS LTD.** [CA/CA]; 1645 Flint Road, Downsview, Ontario M3J 2J6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETERSON, John** [CA/CA]; 1645 Flint Road, Downsview, Ontario M3J 2J6 (CA). **PARKER, James** [CA/CA]; Apartment 14, 5 Sentinel Road, North York, Ontario M3M 2Y5 (CA).

(74) **JOHNSON, Douglas, S.** et al. / etc.; Suite 301, 133 Richmond Street West, Toronto, Ontario M5H 2L7 (CA).

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

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(11) **WO 98/49664** (13) A1

(21) PCT/GB97/02678

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 9708348.9 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G08G 1/052, 1/017**

(54) • VEHICLE SPEED LIMIT ENFORCEMENT DEVICE
• DISPOSITIF POUR FAIRE RESPECTER LES LIMITATIONS DE VITESSE POUR VEHICULES

(71, 72) **MACKINDER, Alan** [GB/GB]; Ash Lea, Ings Lane, Patrington, Hull HU12 0ND (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 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 SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49665** (13) A1

(21) PCT/FR98/00824

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/05215 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G08G 1/14**

(54) • DEVICE FOR PROVIDING MOTORISTS WITH INFORMATION CONCERNING AVAILABLE SPACES IN PARKING LOTS
• DISPOSITIF DESTINE A INFORMER LES AUTOMOBILISTES RELATIVEMENT AUX PLACES DISPONIBLES DANS LES PARKINGS PUBLICS

(71, 72) **DECAUX, Jean–Claude** [FR/FR]; 88, boulevard Maurice Barrès, F–92200 Neuilly–sur–Seine (FR).

(74) **BURBAUD, Eric** et al. / etc.; Cabinet Plasseraud, 84, rue d'Amsterdam, F–75440 Paris Cedex 09 (FR).

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

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(11) **WO 98/49666** (13) A1

(21) PCT/US98/08447

(22) **25 Apr/avr 1998 (25.04.1998)**

(25) en (26) en

(31) 08/845,863 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G09B 5/00**

(54) • METHOD AND SYSTEM FOR MAKING AN AUDIO–VISUAL WORK WITH A SERIES OF VISUAL WORD SYMBOLS COORDINATED WITH ORAL WORD UTTERANCES AND SUCH AUDIO–VISUAL WORK
• PROCEDE ET SYSTEME DE PRODUCTION D'UNE PIECE AUDIOVISUELLE COMPORTANT UNE SERIE DE SYMBOLES VISUELS DE MOTS ASSOCIES A DES ENONCIATIONS ORALES ET PIECE AUDIOVISUELLE CORRESPONDANTE

(71) **READSPEAK, INC.** [US/US]; 135 West 20th Street, New York, NY 10011 (US).

(72) **KIRKSEY, William, E.**; 135 West 20th Street, New York, NY 10011 (US).

(74) **MCKENNEY, Charles, E.** et al. / etc.; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (US).

(81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ EE GE GH GW HU ID IL IS JP KG KP KR KZ LC LK LR LT LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA UZ VN YU; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49667** (13) A2

(21) PCT/US98/06662

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) en (26) en

(31) 08/848,569 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G09G 5/00**

(54) • METHOD AND SYSTEM FOR LIGHT FIELD RENDERING
• PROCEDE ET SYSTEME POUR ASSURER LE RENDU DE CHAMP LUMINEUX

(71) **BOARD OF TRUSTEES, LELAND STANFORD, JR. UNIVERSITY** [US/US]; Suite 350, 900 Welch Road, Palo Alto, CA 94304 (US).

(72) **LEVOY, Marc**; 18 Peter Coutts Circle, Stanford, CA 94305 (US). **HANRAHAN, Pat**; 40 Minoca Road, Portola Valley, CA 94028 (US).

(74) **MINSK, Alan, D.** et al. / etc.; Coudert Brothers, Suite 3300, Four Embarcadero Center, San Francisco, CA 94111 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49668** (13) A1

(21) PCT/LT97/00003

(22) **8 Dec/déc 1997 (08.12.1997)**

(25) en (26) en

(31) 97–079 (32) **30 Apr/avr 1997** (33) LT **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G10D 1/08, 3/10, G10C 3/08**

(54) • A STRING FOR MUSICAL INSTRUMENTS, A SET OF STRINGS FOR A CLASSICAL GUITAR AND A METHOD OF MANUFACTURING SUCH STRINGS
• CORDE POUR INSTRUMENTS DE MUSIQUE, JEU DE CORDES POUR GUITARE CLASSIQUE ET PROCEDE DE FABRICATION DE CES CORDES

(71, 72) **KURAUSKAS, Julius** [LT/LT]; Vyduno g.12–17, 2003 Vilnius (LT). **MIKOLAJEVIČ, Marijan** [LT/LT]; S.Stanevičiaus g.4–87, 2029 Vilnius (LT).

(74) **ANTANAITIENE, Marija, Vanda**; P.O. Box 3197, 2022 Vilnius (LT).

(81) CZ EE IL LV NO PL SK UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49669** (13) A1

(21) PCT/US98/08599

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/845,811 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G10D 3/00**

(54) • IMPROVED CAPO
• CAPODASTRE AMELIORE

(71, 72) **SHUBB, Richard** [US/US]; 20560 Heron Drive, Bodega Bay, CA 94923 (US). **COONTZ, David** [US/US]; Route 3, Corydon, IA 50060 (US).

(74) **BRENNAN, Sean, M.** et al. / etc.; Morrison & Foerster LLP, 755 Page Mill Road, Palo Alto, CA 94304–1018 (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 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49670** (13) A1

(21) PCT/CA98/00406

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/848,050 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G10H 1/36, G10L 3/02**

(54) • TARGETED VOCAL TRANSFORMATION
• TRANSFORMATION VOCALE CIBLEE

(63) US 08/848,050 (CIP)
28 Apr/avr 1997 (28.04.1997)

(71) **IVL TECHNOLOGIES LTD.** [CA/CA]; 6710 Bertram Place, Victoria, British Columbia V8M 1Z6 (CA).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GIBSON, Brian, Charles** [CA/CA]; 235 Hector Road, Victoria, British Columbia V8X 3X1 (CA). **LUPINI, Peter, Ronald** [CA/CA]; 2365 Tryon Road, North Saanich, British Columbia V8L 5H8 (CA). **SHPAK, Dale, John** [CA/CA]; 1445 Jamaica Road, Victoria, British Columbia V8N 2C9 (CA).

(74) **SMITH, Paul**; Paul Smith Intellectual Property Law, 1050–409 Granville Street, Vancouver, British Columbia V6C 1T2 (CA).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49671** (13) A1

(21) PCT/GB98/01154

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 9708449.5 (32) **26 Apr/avr 1997** (33) GB **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G10K 11/02, 11/00, B06B 3/00**

(54) • ACOUSTIC APPARATUS AND METHOD
• APPAREIL ACOUSTIQUE ET PROCEDE AFFERENT

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JENNINGS, Howard, Timothy** [GB/GB]; British Nuclear Fuels Plc, Product Development Centre, Capenhurst Works, Chester, Cheshire CH1 6ER (GB).

(74) **GODDARD, David, John**; Harrison Goddard Foote, 1 Stockport Road, Marple, Stockport SK6 6BD (GB) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49672** (13) A1

(21) PCT/GB98/01164

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 9708451.1 (32) **26 Apr/avr 1997** (33) GB **(26.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G10K 11/02, 11/00, B06B 3/00**

(54) • AN ACOUSTIC APPARATUS AND METHOD
• APPAREIL ACOUSTIQUE ET PROCEDE AFFERENT

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JENNINGS, Howard, Timothy** [GB/GB]; British Nuclear Fuels plc, Product Development Centre, Capenhurst Works, Chester, Cheshire CH1 6ER (GB). **WISE, Roger, Jeremy** [GB/GB]; The Welding Institute, Abington Hall, Abington, Cambridge CB1 6AL (GB).

(74) **GODDARD, David, John**; Harrison Goddard Foote, 1 Stockport Road, Marple, Stockport SK6 6BD (GB) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49673** (13) A1

(21) PCT/JP98/01984

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/112961 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(31) 9/112822 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G10L 3/02, 9/00**

(54) • METHOD AND DEVICE FOR DETECTING VOICE SECTIONS, AND SPEECH VELOCITY CONVERSION METHOD AND DEVICE UTILIZING SAID METHOD AND DEVICE

- PROCEDE ET DISPOSITIF DESTINES A DETECTER DES PARTIES VOCALES, PROCEDE DE CONVERSION DU DEBIT DE PAROLE ET DISPOSITIF UTILISANT CE PROCEDE ET CE DISPOSITIF

(71) **NIPPON HOSO KYOKAI** [JP/JP]; 2–1, Jinnan 2–chome, Shibuya–ku, Tokyo 150–8001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IMAI, Atsushi** [JP/JP]; NHK Hosogijutsukenkyusyo, 10–11, Kinuta 1–chome, Setagaya–ku, Tokyo 157–8510 (JP). **SEIYAMA, Nobumasa** [JP/JP]; NHK Hosogijutsukenkyusyo, 10–11, Kinuta 1–chome, Setagaya–ku, Tokyo 157–8510 (JP). **TAKAGI, Tohru** [JP/JP]; NHK Hosogijutsukenkyusyo, 10–11, Kinuta 1–chome, Setagaya–ku, Tokyo 157–8510 (JP).

(74) **MIYOSHI, Hidekazu**; 9th floor, Toranomon Daiichi Building, 2–3, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).

(81) CA CN KR NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49674** (13) A1

(21) PCT/JP97/01512

(22) **30 Apr/avr 1997 (30.04.1997)**

(25) ja (26) ja

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 5/024**

(54)
- ERASING METHOD FOR DISC AND ERASER
- PROCEDE D'EFFACEMENT POUR DISQUE, ET EFFACEUR

(71) **INTERNATIONAL BUSINESS MACHINES CORPORATION** [US/US]; Armonk, NY 10504 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAMURA, Hitoshi** [JP/JP]; IBM Japan Ltd., Fujisawa–Site, 1, Kirihara–cho, Fujisawa–shi, Kanagawa–ken 252 (JP). **MORI, Hiroki** [JP/JP]; IBM Japan Ltd., Fujisawa–Site, 1, Kirihara–cho, Fujisawa–shi, Kanagawa–ken 252 (JP).

(74) **SAKAGUCHI, Hiroshi** et al. / etc.; IBM Japan Ltd., Yamato Site, 1623–14, Shimotsuruma, Yamato–shi, Kanagawa–ken 242 (JP).

(81) JP US.

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(11) **WO 98/49675** (13) A1

(21) PCT/US97/07303

(22) **29 Apr/avr 1997 (29.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 5/09, 5/68, 7/00, 7/24, 9/00, 11/00, 3/74, G02B 5/18, 21/00**

(54)
- ELECTRO–OPTICAL STORAGE SYSTEM WITH FLYING HEAD FOR NEAR–FIELD RECORDING AND READING
- SYSTEME DE MEMOIRE ELECTRO–OPTIQUE A TETE FLOTTANTE POUR ENREGISTREMENT EN CHAMP PROCHE ET LECTURE

(71) **TERASTOR CORPORATION** [US/US]; 95 W. Plumeria Drive, San Jose, CA 95134 (US).

(72) **KNIGHT, Gordon, R.**; 21305 Canyon View Drive, Saratoga, CA 95070 (US). **AL–SAMARRIE, John**; 600 Toll House Gulch Road, Felton, CA 95018 (US). **BLANKENBECKLER, David**; 3528 Flora Vista Avenue, Santa Clara, CA 95051 (US). **BONN, Brian**; 789 Sugar Pine Road, Scotts Valley, CA 95066 (US). **BURROUGHS, Alan**; 851 Arnold Way, San Jose, CA 95128 (US). **DALZIEL, Warren**; 15804 Viewfield Road, Monte Sereno, CA 95030 (US). **HAJJAR, Roger**; Apartment 102, 1877 Scott Boulevard, Santa Clara, CA 95050 (US). **JAIN, Amit**; 1611 Mariani Drive, Sunnyvale, CA 94087 (US). **MA, Guolin**; 2169 Yosemite Drive, Milpitas, CA 95035 (US). **TREMAINE, Brian**; 3633 Westview Drive, San Jose, CA 95148 (US).

(74) **WIECZOREK, Mark, D.**; Fish & Richardson P.C., Suite 1400, 4225 Executive Square, La Jolla, CA 92037 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 UZ VN; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49676** (13) A1

(21) PCT/US97/15428

(22) **2 Sep/sep 1997 (02.09.1997)**

(25) en (26) en

(31) 60/044,340 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 5/39**

(54)
- DUAL LAYER MAGNETIC EXCHANGE STABILIZATION FOR MR HEADS
- STABILISATION A DOUBLE COUCHE D'ECHANGEUR MAGNETIQUE POUR TETES A MAGNETORESISTANCE

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FERNANDEZ–DE–CASTRO, Juan, J.** [US/US]; 17245 Jasmine Court, Lakeville, MN 55044 (US).

(74) **VELDHUIS–KROEZE, John, D.**; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402–3319 (US) et al. / etc.

(81) CN DE GB JP KR SG US.

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(11) **WO 98/49677** (13) A1

(21) PCT/US97/17655

(22) **30 Sep/sep 1997 (30.09.1997)**

(25) en (26) en

(31) 60/045,179 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 08/902,566 (32) **29 Jul/juil 1997 (29.07.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 5/55**

(54)
- OBJECT POSITIONING USING DISCRETE SLIDING MODE CONTROL WITH VARIABLE PARAMETERS
- POSITIONNEMENT D'OBJET A L'AIDE D'UNE COMMANDE A MODE COULISSANT DISCRET AVEC PARAMETRES VARIABLES

(71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, P.O. Box 66360, Scotts Valley, CA 95067–0360 (US).

(72) **LIU, Zhiqiang**; 5444 North Meridian Avenue, Oklahoma City, OK 73112 (US). **FUNCHES, Otis, L.**; 7331 Skylark Lane, Oklahoma City, OK 73162 (US). **HAMPSHIRE, Randall, D.**; R.R. #1, Box 142, Agra, OK 74824 (US).

(74) **McCARTHY, Randall, K.**; McCarthy, Free & McCarthy, Suite 250, 101 Park Avenue, Oklahoma City, OK 73102 (US) et al. / etc.

(81) DE GB JP KR SG.

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(11) **WO 98/49678** (13) A1

(21) PCT/US98/07937

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/846,115 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 5/84**

(54)
- TEMPERATURE TREATMENT OF FLEXIBLE MEDIA FOR THEIR DIMENSIONAL STABILITY
- TRAITEMENT THERMIQUE DE SUPPORTS SOUPLES POUR LEUR DONNER UNE STABILITE DIMENSIONNELLE

(71) **IOMEGA CORPORATION** [US/US]; 1821 West Iomega Way, Roy, UT 84067 (US).

(72) **BERO, James, M.**; 4207 Skyline Drive, Ogden, UT 80443 (US). **MA, Yiping**; 2220 North 2300 East, Layton, UT 84040 (US).

(74) **KURTZ, Richard, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris LLP, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

(81) CA JP SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49679** (13) A2

(21) PCT/IB98/00481

(22) **2 Apr/avr 1998 (02.04.1998)**

(25) en (26) en

(31) 97201244.7 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 7/09**

(54)
- APPARATUS AND DETECTION UNIT FOR SCANNING AN OPTICALLY READABLE RECORD CARRIER
- APPAREIL ET UNITE DE DETECTION PERMETTANT DE BALAYER UN SUPPORT D'ENREGISTREMENT POUR LECTURE OPTIQUE

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **BAKX, Johannus, Lepoldus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DEKKER, Anthonius, Leonardus, Johannes**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **FAESSEN, Louis, M., H.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) CN JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49680** (13) A1

(21) PCT/JP98/01894

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/109432 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 7/24, 7/125, 7/135**

(54) • RECORDING MEDIUM AND OPTICAL PICKUP DEVICE
• SUPPORT D'ENREGISTREMENT ET DISPOSITIF DE LECTURE OPTIQUE

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5–5, Keihanhondori 2–chome, Moriguchi–shi, Osaka 560–8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUCHIYA, Yoichi** [JP/JP]; 819–4, Minamijuku, Ajika–cho, Hashima–shi, Gifu 501–6203 (JP).

(74) **FUKAMI, Hisao** et al. / etc.; Sumitomo Bank Minamimori–machi Building, 1–29, Minamimori–machi 2–chome, Kita–ku, Osaka–shi, Osaka 530–0054 (JP).

(81) CN ID KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49681** (13) A1

(21) PCT/US98/08204

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 08/845,628 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(31) 08/866,453 (32) **30 May/mai 1997** (33) US **(30.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 7/26, 11/00, B32B 31/06, C09J 5/10**

(54) • DRY BONDED DIGITAL VERSATILE DISC WITH ONE OR MORE LAYERS OF ADHESIVE
• DISQUE NUMERIQUE POLYVALENT LIE A SEC ET COMPORTANT UNE OU PLUSIEURS COUCHES D'ADHESIF

(71, 72) **SCHWARTZ, Vladimir** [US/US]; 50 Beharrell Street, Concord, MA 01742 (US).

(74) **KEES, Nicholas, A.** et al. / etc.; Godfrey & Kahn, S.C., 780 North Water Street, Milwaukee, WI 53202 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49682** (13) A2

(21) PCT/US98/08697

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,127 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 15/68**

(54) • DATA CARTRIDGE LIBRARY SYSTEM
• SYSTEME DE BIBLIOTHEQUE A CHARGEUR DE DONNEES

(71) **SPECTRA LOGIC CORPORATION** [US/US]; 1700 North 55th Street, Boulder, CO 80307 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRACE, Clark, D.** [US/US]; 8411 West 95th Drive, Westminster, CO 80021 (US). **RINARD, Eric, A.** [US/US]; 472 South Lashley Lane, Boulder, CO 80303 (US). **RINARD, Gregory, S.** [US/US]; 2100 Dartmouth Avenue, Boulder, CO 80303 (US). **RUFF, Brian, A.** [US/US]; 4144 Fern Avenue, Broomfield, CO 80020 (US).

(74) **KULISH, Christopher, J.** et al. / etc.; Holme Roberts & Owen LLP, Suite 4100, 1700 Lincoln Street, Denver, CO 80203 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49683** (13) A2

(21) PCT/IB98/00365

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 97201273.6 (32) **28 Apr/avr 1997** (33) EP **(28.04.1997)**

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 20/10, 15/52**

(54) • REPRODUCTION OF AN INFORMATION SIGNAL FROM A RECORD CARRIER
• REPRODUCTION D'UN SIGNAL D'INFORMATION CONTENU SUR UN SUPPORT D'ENREGISTREMENT

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **VAN DEN ENDEN, Gijsbert, Joseph**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VAN DER KRUK, Willem, L.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) CN JP KR NO SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49684** (13) A1

(21) PCT/US98/08500

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/846,916 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 23/03**

(54) • DISK CARTRIDGE WITH DUAL HOUSING STRUCTURE
• BOITIER POUR DISQUE A STRUCTURE DE RANGEMENT DOUBLE

(71) **IMATION CORP.** [US/US]; One Imation Place, Oakdale, MN 55128 (US). **TERASTOR CORPORATION** [US/US]; 2310 North First Street, San Jose, CA 95131 (US).

(72) **BONN, Brian, T.**; 789 Sugar Pine Road, Scotts Valley, CA 95066 (US). **DALZIEL, Warren, L.**; 15801 Viewfield Road, Monte Sereno, CA 95030 (US). **MAIERS, Michael, A.**; 4862 Morden Drive, San Jose, CA 95130 (US). **FAIRCHILD, Scot, C.**; 66–A Monroe Street, Santa Clara, CA 95050 (US). **PLOURDE, Douglas, R.**; Highway 35–64, Box 566, Somerset, WI 54025 (US). **SRINIVASAN, Thiruppathy**; P.O. Box 33427, Saint Paul, MN 55133–3427 (US). **HECTOR, Wayne, M.**; 250 Bridge Street, Shoreview, MN 55126 (US). **POWERS, Jerrie, R.**; 619 Lurel Avenue, Hudson, WI 54016 (US). **SPYCHALLA, Leo, W.**; 7900 Scott Boulevard, Cottage Grove, MN 55016 (US).

(74) **SHUMAKER, Steven, J.**; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49685** (13) A1

(21) PCT/JP98/01910

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/110828 (32) **28 Apr/avr 1997** (33) JP **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 27/024, 15/02**

(54) • PROGRAM RECORDING DEVICE AND METHOD
• DISPOSITIF ET PROCEDE D'ENREGISTREMENT D'EMISSION

(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) **NAKAMURA, Hitoshi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP).

(74) **SUGIURA, Masatomo**; 25 Sankyo Building, Room 420, 48–10, Higashi Ikebukuro 1–chome, Toshima–ku, Tokyo 170–0013 (JP).

(81) CN KR US.

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(11) **WO 98/49686** (13) A2

(21) PCT/IB98/00611

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 97201243.9 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 27/32, 5/008, 7/007**

(54) • APPARATUS FOR RECORDING AN INFORMATION SIGNAL
• APPAREIL D'ENREGISTREMENT D'UN SIGNAL D'INFORMATION

(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)

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72, 75) **MONTIE, Edwin, André** [NL/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **TOL, Ronald, Marcel** [NL/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DENISSEN, Adrianus, Johannes, Maria** [NL/NL]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **BAELE, Ingrid, A., F., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49687** (13) A1

(21) PCT/DE98/01112

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) de (26) de

(31) 197 18 422.7 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G11B 33/12**

(54) • PLUG–IN HOLDING DEVICE FOR HARD DISK DRIVES OR PUSH–IN MODULES WITH A SIMILAR THREE–DIMENSIONAL CONSTRUCTION
• DISPOSITIF DE RETENUE ENFICHABLE POUR MEMOIRES A DISQUE DUR OU POUR ENSEMBLE ENFICHABLE PRESENTANT UNE CONFIGURATION TRIDIMENSIONNELLE SEMBLABLE

(71) **SIEMENS NIXDORF INFORMATIONSSYSTEME AG** [DE/DE]; Heinz–Nixdorf–Ring 1, D–33106 Paderborn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEUKAM, Wilhelm** [DE/DE]; Schertlinstrasse 38, D–86159 Augsburg (DE).

(74) **SIEMENS NIXDORF INFORMATIONSSYSTEME AG**; Epping, Wilhelm, Postfach 22 13 17, D–80503 München (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49688** (13) A1

(21) PCT/IB97/00441

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G21B 1/00**

(54) • DEVICE TO OBTAIN HEAT ENERGY, WORKING MEDIUM AND ELECTRODES TO BE USED IN THIS DEVICE, MATERIAL FOR WORKING MEDIUM AND ELECTRODES AND METHOD TO OBTAIN THIS MATERIAL
• DISPOSITIF POUR OBTENIR DE L'ENERGIE THERMIQUE, FLUIDE MOTEUR ET ELECTRODES A UTILISER DANS CE DISPOSITIF, MATERIAU POUR LE FLUIDE MOTEUR AINSI QU'ELECTRODES ET PROCEDE POUR OBTENIR CE MATERIAU

(71) **SAVIC TRUST REG., VADUZ** [LI/LI]; Auelestrasse 5, P.O. Box 83, FL–9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LICHTCHOUK, Alexandre Nikolaevitch** [RU/RU]; Kashirskoje shausse, 51–5–514, Moscow, 115211 (RU). **MOURISHEV, Evgeny Yurievich** [RU/RU]; Kashirskoje shausse, 57–3–298, Moscow, 115211 (RU).

(74) **SAVIC TRUST REG., VADUZ**; Auelestrasse 5, P.O. Box 83, FL–9490 Vaduz (LI).

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

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(11) **WO 98/49689** (13) A1

(21) PCT/IB97/00442

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **G21B 1/00**

(54) • METHOD AND DEVICE TO OBTAIN HEAT ENERGY
• PROCEDE ET DISPOSITIF POUR L'OBTENTION D'ENERGIE THERMIQUE

(71) **SAVIC TRUST REG., VADUZ** [LI/LI]; Auelestrasse 5, P.O. Box 83, FL–9490 Vaduz (LI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LICHTCHOUK, Alexandre Nikolaevitch** [RU/RU]; Kashirskoje shausse, 51–5–514, Moscow, 115211 (RU). **MOURISHEV, Evgeny Yurievich** [RU/RU]; Kashirskoje shausse, 57–3–298, Moscow, 115211 (RU).

(74) **SAVIC TRUST REG., VADUZ**; Auelestrasse 5, P.O. Box 83, FL–9490 Vaduz (LI).

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

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(11) **WO 98/49690** (13) A1

(21) PCT/DE98/01188

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) de (26) de

(31) 197 17 952.5 (32) **29 Apr/avr 1997 (29.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01B 1/12, C08F 38/02**

(54) • PERMANENTLY ELECTRICALLY CONDUCTIVE PLASTIC
• MATIERE PLASTIQUE A CONDUCTIBILITE ELECTRIQUE PERMANENTE

(71, 72) **HÜBNER, Eike, Gerhard** [DE/DE]; Am Grünen Wald 1a, D–25335 Bokholt–Hanredder (DE).

(74) **BIEHL, Christian**; Boehmert & Boehmert, Niemannsweg 133, D–24105 Kiel (DE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE (Utility model / modèle d'utilité) DK EE ES FI GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49691** (13) A2

(21) PCT/IB98/00407

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 9708559.1 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01B 7/004**

(54) • FINGERPRINT SENSING DEVICES AND SYSTEMS INCORPORATING SUCH
• CAPTEUR DACTYLOSCOPIQUE ET SYSTEMES ASSOCIES

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **BIRD, Neil, Christopher**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **HARKIN, Gerard, Francis**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **WILLIAMSON, Paul, L.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/49692** (13) A1

(21) PCT/FI98/00372

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) fi (26) en

(31) 971837 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01B 7/02, 9/02**

(54) • CABLE CONSTRUCTION
• STRUCTURE DE CABLE

(71) **NK CABLES OY** [FI/FI]; Kimmeltie 1, FIN–02110 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KIRJAVAINEN, Kari** [FI/FI]; Kivenlahdenkatu 11 A 4, FIN–02320 Espoo (FI).

(74) **KOLSTER OY AB**; Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49693** (13) A1

(21) PCT/EP98/02440

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 645.3 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01B 7/34, C08K 3/22, H01B 3/46**

(54) • FLAME RESISTANT COMPOUND FOR MAKING ELECTRIC CABLES WITH PRESERVED INSULATION AND FUNCTION
• COMPOSE ININFLAMMABLE POUR LA FABRICATION DE CABLES ELECTRIQUES AUX FINS DE PRESERVATION DE LEUR ISOLANT ET/OU FONCTION

(71) **DÄTWYLER AG KABEL & SYSTEME** [CH/CH]; Gotthardstrasse 31, CH–6460 Altdorf (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STRAUSS, Jürgen** [CH/CH]; Mattenweg 7, CH–6467 Schattdorf (CH). **BAYARD, Konstantin** [CH/CH]; Felderstrasse 9, CH–6467 Schattdorf (CH). **WALKER, Rudolf** [CH/CH]; Kirchweg 3, CH–6463 Bürglen (CH). **DITTLI, Beat** [CH/CH]; Bresteneggstrasse 25, CH–6460 Altdorf (CH). **BISSIG, André** [CH/CH]; Alpenrose, CH–6465 Unterschächen (CH). **KLEIN, Uwe** [DE/DE]; Büllenkothenweg 3, D–40229 Düsseldorf (DE).

(74) **VON SAMSON–HIMMELSTJERNA, Friedrich, R.** et al. / etc.; Samson & Partner, Widenmayerstrasse 5, D–80538 München (DE).

(81) AU CN ID IL JP KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49694** (13) A2

(21) PCT/SE98/00679

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) sv (26) en

(31) 9701372–6 (32) **14 Apr/avr 1997** (33) SE **(14.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01C 10/10**

(54) • VARIABLE ELECTRIC RESISTOR
• RESISTANCE ELECTRIQUE VARIABLE

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S–721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNHOFF, Hans** [SE/SE]; Limsta Gäddeholm, S–725 97 Västerås (SE). **ISBERG, Jan** [SE/SE]; Karlsgatan 27, S–722 14 Västerås (SE). **BREDER, Henrik** [SE/SE]; Kaserngatan 221, S–723 47 Västerås (SE). **JONSSON, Lars** [SE/SE]; Anundsgatan 6, S–723 51 Västerås (SE). **VALDEMARSSON, Stefan** [SE/SE]; Tomteboda Gäddeholm, S–725 97 Västerås (SE). **LILJESTRAND, Lars** [SE/SE]; Björnramsvägen 12, S–722 42 Västerås (SE).

(74) **KARLSSON, Leif**; L.A. Groth & Co. KB, P.O. Box 6107, S–102 32 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49695** (13) A2

(21) PCT/SE98/00680

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) sv (26) en

(31) 9701372–6 (32) **14 Apr/avr 1997** (33) SE **(14.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01C 10/10, H02H 9/02**

(54) • ELECTRIC COUPLING DEVICE, ELECTRIC CIRCUIT AND METHOD IN CONNECTION THEREWITH
• DISPOSITIF DE COUPLAGE ELECTRIQUE, CIRCUIT ELECTRIQUE ET PROCEDE CORRESPONDANT

(71) **ASEA BROWN BOVERI AB** [SE/SE]; S–721 83 Västerås (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERNHOFF, Hans** [SE/SE]; Limsta Gäddeholm, S–725 97 Västerås (SE). **ISBERG, Jan** [SE/SE]; Karlsgatan 27, S–722 14 Västerås (SE). **BREDER, Henrik** [SE/SE]; Kaserngatan 221, S–723 47 Västerås (SE). **JONSSON, Lars** [SE/SE]; Anundsgatan 6, S–723 51 Västerås (SE). **VALDEMARSSON, Stefan** [SE/SE]; Tomteboda Gäddeholm, S–725 97 Västerås (SE). **LILJESTRAND, Lars** [SE/SE]; Björnramsvägen 12, S–722 42 Västerås (SE).

(74) **KARLSSON, Leif**; L.A. Groth & Co. KB, P.O. Box 6107, S–102 32 Stockholm (SE).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49696** (13) A1

(21) PCT/EP98/00893

(22) **17 Feb/fév 1998 (17.02.1998)**

(25) de (26) de

(31) 197 17 445.0 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01F 7/16, 7/08**

(54) • ELECTROMAGNET, SPECIALLY FOR ACTUATING VALVES
• ELECTROAIMANT, NOTAMMENT POUR LA COMMANDE DE SOUPAPES

(71) **MANNESMANN REXROTH AG** [DE/DE]; Jahnstrasse 3–5, D–97816 Lohr (DE). **BSO STEUERUNGSTECHNIK GMBH** [DE/DE]; Hauptstrasse 27, D–66128 Saarbrücken (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEUHAUS, Rolf, J.** [DE/DE]; Meisenweg 7, D–97816 Lohr (DE). **STRATIL, Kurt, R.** [DE/DE]; Zur Kehlspitze 24, D–97816 Lohr (DE). **EHRENFELS, Andreas** [DE/DE]; Höllricher Strasse 10, D–97737 Gemünden–Seifriedsburg (DE). **KATTLER, Frank** [DE/DE]; Sommerbergstrasse 41, D–66346 Püttlingen (DE). **PAULY, Hans–Jürgen** [DE/DE]; Überhoferstrasse 78, D–66346 Püttlingen (DE).

(74) **BARTELS UND PARTNER**; Lange Strasse 51, D–70174 Stuttgart (DE).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49697** (13) A1

(21) PCT/US98/08788

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/841,017 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01F 38/12, 38/16**

(54) • MAGNETIC CORE–COIL ASSEMBLY FOR SPARK IGNITION SYSTEMS
• ENSEMBLE NOYAU–ENROULEMENT MAGNETIQUE POUR SYSTEMES D'ALLUMAGE PAR ETINCELLE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962–2245 (US).

(72) **RAPOPORT, William, R.**; 1210 Evergreen Drive, Bridgewater, NJ 08807 (US). **PAPANESTOR, Paul, A.**; R.R. 1, Box 1569, Milford, PA 18337 (US). **GRIMES, Donald, Allen**; 126 West McPherson Avenue, Findlay, OH 45840 (US). **VANBUSKIRK, Bruce**; 1 Fred Terrace, Dover, NJ 07801 (US).

(74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept. (E. Iannarane), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962–2245 (US).

(81) AU BR CA CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49698** (13) A2

(21) PCT/IB98/00371

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 97201239.7 (32) **25 Apr/avr 1997** (33) EP **(25.04.1997)**

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01G 4/002**

(54) • METHOD OF MANUFACTURING AN ENVELOPED MULTILAYER CAPACITOR AND AN ENVELOPE MULTILAYER CAPACITOR
• PROCEDE DE FABRICATION D'UN CONDENSATEUR MULTICOUCHES ENVELOPPE ET CONDENSATEUR MULTICOUCHES ENVELOPPE CORRESPONDANT

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **WEEKAMP, Johannus, Wilhelmus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VAN DER VEER, Johannis, L.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/49699** (13) A1

(21) PCT/US98/06843

(22) **6 Apr/avr 1998 (06.04.1998)**

(25) en (26) en

(31) 08/840,342 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01H 3/00, H04M 11/04**

(54) • MODULE FOR CONTROLLING CURRENT TO A LOAD INCLUDING SENSING OF THE POSITION OF A SWITCH
• MODULE DE COMMANDE DE COURANT VERS UNE CHARGE, Y COMPRIS LA DETECTION DE LA POSITION D'UN COMMUTATEUR

(71) **ECHELON CORPORATION** [US/US]; 4015 Miranda Avenue, Palo Alto, CA 94304 (US).

(72) **SUTTERLIN, Philip, H.**; 13237 Via Arriba, Saratoga, CA 95070 (US). **RAJI, Reza, S.**; 427 Alma Street #308, Palo Alto, CA 94301 (US). **TENNEFOSS, Michael, R.**; 131 Mimosa Way, Portola Valley, CA 94028 (US).

(74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49700** (13) A1

(21) PCT/DE98/00972

(22) **6 Apr/avr 1998 (06.04.1998)**

(25) de (26) de

(31) 197 17 636.4 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01H 9/18**

(54) • METHOD FOR PRODUCING AN APERTURE PART, AN ACTUATING PART OR SIMILAR PARTS WITH FUNCTION SYMBOLS, FOR ILLUMINATION BY TRANSMITTED LIGHT
• PROCEDE DE FABRICATION D'UN ELEMENT DE PANNEAU, D'UN ELEMENT D'ACTIONNEMENT OU SIMILAIRE COMPORTANT DES SYMBOLES FONCTIONNELS POUR L'ECLAIRAGE PAR TRANSMISSION

(71) **TRW AUTOMOTIVE ELECTRONICS & COMPONENTS GMBH & CO. KG** [DE/DE]; Industriestrasse 2–8, D–78315 Radolfzell (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROBSON, Tom** [GB/GB]; 3 Markle Grove, East Rainton, Houghton–Le–Spring DH5 9QS (GB).

(74) **EDER & SCHIESCHKE**; Elisabethstrasse 34, D–80796 München (DE).

(81) BR CZ JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49701** (13) A1

(21) PCT/JP98/01943

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/125008 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(31) 9/284434 (32) **30 Sep/sep 1997 (30.09.1997)** (33) JP

(31) 9/284435 (32) **30 Sep/sep 1997 (30.09.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01H 13/64, 13/02, 13/52, 13/56**

(54) • PUSH–BUTTON SWITCH, AND OPERATING DEVICE AND TEACHING PENDANT COMPRISING THE SAME
• COMMUTATEUR A BOUTON POUSSOIR, DISPOSITIF DE MISE EN SERVICE ET PUPITRE MOBILE LE CONTENANT

(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) **FUKUI, Takao** [JP/JP]; Idec Izumi Corporation, 7–31, Nishimiyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8550 (JP). **KAMINO, Yasushi** [JP/JP]; Idec Izumi Corporation, 7–31, Nishimiyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8550 (JP). **INOUE, Kenji** [JP/JP]; Idec Izumi Corporation, 7–31, Nishimiyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8550 (JP). **FUJITANI, Shigetoshi** [JP/JP]; Idec Izumi Corporation, 7–31, Nishimiyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8550 (JP). **OGINO, Shigeto** [JP/JP]; Idec Izumi Corporation, 7–31, Nishimiyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8550 (JP). **FUJITA, Toshihiro** [JP/JP]; Idec Izumi Corporation, 7–31, Nishimiyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8550 (JP). **OKAMOTO, Akito** [JP/JP]; Idec Izumi Corporation, 7–31, Nishimiyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8550 (JP). **TSUJI, Yoshitaka** [JP/JP]; Idec Izumi Corporation, 7–31, Nishimiyahara 1–chome, Yodogawa–ku, Osaka–shi, Osaka 532–8550 (JP).

(74) **YANASE, Yuji** et al. / etc.; 3rd floor, Asako–Nagahori Building, 3–9, Minamisenba 1–chome, Chuo–ku, Osaka–shi, Osaka 542–0081 (JP).

(81) JP US; EP (DE FR).

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(11) **WO 98/49702** (13) A1

(21) PCT/US98/08377

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/844,969 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01H 36/00**

(54) • MAGNETIC PROXIMITY SWITCH SYSTEM WITH SLIDE–BY ANTI–DEFEAT MECHANISM
• SYSTEME DE COMMUTATEUR DE PROXIMITE MAGNETIQUE POURVU D'UN MECANISME ANTI–INTRUSION A GLISSIERE DE PRESENTATION

(71) **JACKSON RESEARCH, INC.** [US/US]; 5150 Mae Anne Avenue #213, Reno, NV 89523–1859 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACKSON, John, T., Jr.** [US/US]; Suite 745, 316 California Avenue, Reno, NV 89509 (US).

(74) **LINDEMAN, Jeffrey, A.** et al. / etc.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49703** (13) A1

(21) PCT/DE98/01102

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) de (26) de

(31) 197 17 634.8 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01H 37/76, 85/36**

(54) • ELECTRICAL COMPONENT WITH SAFETY DISCONNECTION DEVICE
• COMPOSANT ELECTRIQUE POURVU D'UN DISPOSITIF DE SECTIONNEMENT DE SECURITE

(71) **SIEMENS MATSUSHITA COMPONENTS GMBH & CO. KG** [DE/DE]; Balanstrasse 73, D–81541 München (DE). **KARL JUNGBECKER GMBH & CO.** [DE/DE]; Bruchstrasse 89, D–57462 Olpe (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LAMPL, Ewald** [AT/AT]; Altenmarkt 270, A–8551 Wies (AT). **NÖHRER, Peter** [AT/AT]; Buchkogelstrasse 57a, A–8072 Fernitz (AT). **SCHWINGENSCHUH, Martin** [AT/AT]; Am Eisbach 13, A–8055 Graz (AT). **HESSE, Andreas** [DE/DE]; Bruchstrasse 89, D–57462 Olpe (DE).

(74) **SIEMENS MATSUSHITA COMPONENTS GMBH & CO. KG**; Epping, Wilhelm, Postfach 22 13 17, D–80503 München (DE).

(81) AT CA US.

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(11) **WO 98/49704** (13) A1

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(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 97/05164 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 1/26**

(54) • CATHODE STRUCTURE AND ELECTRON GUN FOR CATHODE RAY TUBES
• STRUCTURE DE CATHODE ET CANON ELECTRONIQUE DESTINES A DES TUBES CATHODIQUES

(71) **THOMSON TUBES AND DISPLAYS, S.A.** [FR/FR]; 46, quai A. Le Gallo, F–92648 Boulogne Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PRUVOST, Jean–Claude** [FR/FR]; 3, rue du Château, F–21000 Dijon (FR). **ADAMSKI, Jean, Rémy** [FR/FR]; 20, boulevard de l'Université, F–21000 Dijon (FR). **FICHET, François** [FR/FR]; 13, rue des Montrachets, F–21800 Chevigny Saint–Sauveur (FR).

(74) **RUELLAN, Brigitte** et al. / etc.; Thomson Tubes and Displays, S.A., 46, quai A. Le Gallo, F–92648 Boulogne Cedex (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49705** (13) A1

(21) PCT/US98/05715

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) en (26) en

(31) 08/846,386 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 5/00, 17/49**

(54) • INTEGRATED METALLIZATION FOR DISPLAYS
• METALLISATION INTEGREE POUR DISPOSITIFS D'AFFICHAGE

(71) **CANDESCENT TECHNOLOGIES CORPORATION** [US/US]; 6580 Via Del Oro, San Jose, CA 95119 (US).

(72) **LEARN, Arthur, J.**; 10822 Wilkinson Avenue, Cupertino, CA 95014 (US). **HAVEN, Duane, A.**; 10246 Tyee Road, Umpqua, OR 97486 (US).

(74) **GALLENSON, Mavis, S.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036–5679 (US).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49706** (13) A1

(21) PCT/US98/08298

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,310 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 09/001,167 (32) **30 Dec/déc 1997 (30.12.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 9/00**

(54) • PLASMA DISPLAY DEVICE
• ECRAN A PLASMA

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).

(72) **SREERAM, Attiganal, N.**; 39–02 Fox Run Drive, Plainsboro, NJ 08512 (US). **RIDDLE, George, Herbert, Needham**; 21 Grover Avenue, Princeton, NJ 08540 (US). **QUINN, Robert, Leon**; 42 Hazelnut Avenue, Trenton, NJ 08638 (US). **PRABHU, Ashok, Narayan**; 21 Meadow Lane, East Windsor, NJ 08520 (US).

(74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN–5300, Princeton, NJ 08543 (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 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 SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 97201276.9 (32) **28 Apr/avr 1997 (28.04.1997)** (33) EP
(34) NL et al. / etc.

(31) 97203199.1 (32) **14 Oct/oct 1997 (14.10.1997)** (33) EP
(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 9/20, 29/89**

(54) • DISPLAY DEVICE COMPRISING AN ANTI–STATIC, ANTI–REFLECTION FILTER AND A METHOD OF MANUFACTURING AN ANTI–REFLECTION FILTER ON A CATHODE RAY TUBE
• DISPOSITIF D'AFFICHAGE COMPORTANT UN FILTRE ANTISTATIQUE ET ANTIREFLET ET PROCEDE DE FABRICATION D'UN FILTRE ANTIREFLET SUR UN TUBE CATHODIQUE

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **VAN DE POEL, Angela, Celina, Ludovica**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **HEYMBEECK, Jurgen, Paul, Albert**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **MEIER, Brit**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **COMPEN, Johannes, Maria, Azalina, Antonius**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **VAN DER HOORN, Gustaaf, Herman, Antonius**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VAN STRAATEN, Joop**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49708** (13) A2

(21) PCT/US98/07633

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,522 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 29/10**

(54) • USE OF SACRIFICIAL MASKING LAYER AND BACKSIDE EXPOSURE IN FORMING OPENINGS THAT TYPICALLY RECEIVE LIGHT–EMISSIVE MATERIAL, AND ASSOCIATED LIGHT–EMITTING STRUCTURE
• UTILISATION D'UNE COUCHE DE MASQUAGE SACRIFICIELLE ET DE L'EXPOSITION DE LA FACE ARRIERE DANS LA FORMATION D'OUVERTURES DESTINEES A RECEVOIR UNE MATIERE PHOTOEMETTRICE ET STRUCTURE PHOTOEMETTRICE ASSOCIEE

(71) **CANDESCENT TECHNOLOGIES CORPORATION** [US/US]; 6320 San Ignacio Avenue, San Jose, CA 95119 (US).

(72) **HAVEN, Duane, A.**; 10246 Tyee Road, Umpqua, OR 97486 (US). **LEARN, Arthur, J.**; 10822 Wilkinson Avenue, Cupertino, CA 95014 (US). **PORTER, John, D.**; 1742 Spruce Street #23, Berkeley, CA 94709 (US).

(74) **MEETIN, Ronald, J.** et al. / etc.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

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

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(11) **WO 98/49709** (13) A1

(21) PCT/EP98/02296

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 9708459.4 (32) **25 Apr/avr 1997 (25.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 37/20, H01L 21/00**

(54) • PATTERN–WRITING MACHINE
• MACHINE A ECRIRE LES MOTIFS

(71) **LEICA LITHOGRAPHY SYSTEMS LTD.** [GB/GB]; Clifton Road, Cambridge CB1 3QH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GEORGE, David, Sydney** [GB/GB]; 3 Lantree Court, Trumpington, Cambridge CB2 2HH (GB). **STURROCK, John, Monro** [GB/GB]; 19

Rutherford Road, Cambridge CB2 2HH (GB). **HUGHES, Barrie, James** [GB/GB]; 1 Denny Abbey Cottages, Ely Road, Waterbeach, Cambridgeshire CB5 9PR (GB).

(74) **STAMER, Harald**; Leica Microsystems Holdings GmbH, Corporate Patents & Trademarks Dept., P.O. Box 20 20, D–35530 Wetzlar (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9708715.9 (32) **29 Apr/avr 1997** (33) GB **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 49/04**

(54) • ION SOURCE FOR A MASS ANALYSER AND METHOD OF PROVIDING A SOURCE OF IONS FOR ANALYSIS
• SOURCE D'IONS POUR ANALYSEUR ET PROCEDE PERMETTANT D'OBTENIR UNE SOURCE D'IONS DESTINEE A ETRE ANALYSEE

(71) **MASSLAB LIMITED** [GB/GB]; Crewe Road, Wythenshawe, Manchester M23 9BE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAJIC, Stevan** [GB/GB]; 1 Esher Drive, Sale, Cheshire M33 3PE (GB).

(74) **BOULT WADE TENNANT**; 27 Furnival Street, London EC4A 1PQ (GB).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49711** (13) A1

(21) PCT/FR98/00831

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) fr (26) fr

(31) 97/05153 (32) **25 Apr/avr 1997** (33) FR **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 49/42**

(54) • MINIATURE DEVICE FOR GENERATING A MULTIPOLAR FIELD, IN PARTICULAR FOR FILTERING OR DEVIATING OR FOCUSING CHARGED PARTICLES
• MICRODISPOSITIF POUR GENERER UN CHAMP MULTIPOLAIRE, EN PARTICULIER POUR FILTRER OU DEVIER OU FOCALISER DES PARTICULES CHARGEES

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31–33, rue de la Fédération, F–75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAPTIST, Robert** [FR/FR]; Les Chaberts, F–38560 Jarrie (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, F–75008 Paris (FR).

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

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(11) **WO 98/49712** (13) A1

(21) PCT/DE98/01061

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) de (26) de

(31) 197 18 395.6 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 61/78, 61/80, 61/067, 61/36**

(54) • FLUORESCENT LAMP
• LAMPE FLUORESCENTE

(71) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH** [DE/DE]; Hellabrunner Strasse 1, D–81543 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VOLLKOMMER, Frank** [DE/DE]; Neuriederstrasse 18, D–82131 Buchendorf (DE). **HITZSCHKE, Lothar** [DE/DE]; Theodor–Alt–Strasse 6, D–81737 München (DE). **JEREBIC, Simon** [SI/DE]; Weidener Strasse 7, D–81737 München (DE).

(74) **PATENT–TREUHAND–GESELLSCHAFT FÜR ELEKTRISCHE GLÜHLAMPEN MBH**; Postfach 22 16 34, D–80506 München (DE).

(81) CA CN HU JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(31) 9/112897 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 61/80, 61/30**

(54) • MIRROR–CARRYING FLASH LAMP
• LAMPE ECLAIR A MIROIR

(71) **HAMAMATSU PHOTONICS K.K.** [JP/JP]; 1126–1, Ichino–cho, Hamamatsu–shi, Shizuoka–ken 435–8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAMOTO, Makoto** [JP/JP]; Hamamatsu Photonics K.K., 1126–1, Ichino–cho, Hamamatsu–shi, Shizuoka–ken 435–8558 (JP). **AMANO, Hiroyuki** [JP/JP]; Hamamatsu Photonics K.K., 1126–1, Ichino–cho, Hamamatsu–shi, Shizuoka–ken 435–8558 (JP).

(74) **HASEGAWA, Yoshiki** et al. / etc.; Soei International Patent Firm, 6F., Kyobashi National Building, 13–10, Kyobashi 2–chome, Chuo–ku, Tokyo 104–0031 (JP).

(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 GW HU ID IL IS 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 9/112891 (32) **30 Apr/avr 1997** (33) JP **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 61/80, 61/30**

(54) • MIRROR–CARRYING FLASH LAMP
• LAMPE–ECLAIR POURVUE D'UN MIROIR

(71) **HAMAMATSU PHOTONICS K.K.** [JP/JP]; 1126–1, Ichino–cho, Hamamatsu–shi, Shizuoka–ken 435–8558 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIYAMOTO, Makoto** [JP/JP]; Hamamatsu Photonics K.K., 1126–1, Ichino–cho, Hamamatsu–shi, Shizuoka–ken 435–8558 (JP). **AMANO, Hiroyuki** [JP/JP]; Hamamatsu Photonics K.K., 1126–1, Ichino–cho, Hamamatsu–shi, Shizuoka–ken 435–8558 (JP).

(74) **HASEGAWA, Yoshiki** et al. / etc.; Soei International Patent Firm, 6 F., Kyobashi National Building, 13–10, Kyobashi 2–chome, Chuo–ku, Tokyo 104–0031 (JP).

(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 GW HU ID IL IS 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 97201242.1 (32) **25 Apr/avr 1997** (33) EP **(25.04.1997)**

(34) AT et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01J 61/82 // 17/16**

(54) • HIGH–PRESSURE DISCHARGE LAMP
• LAMPE A DECHARGE HAUTE PRESSION

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **WIJENBERG, Christoffel**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **SEINEN, Peter, Arend**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **SUIJKER, Joseph, Leonardus, Gregorius**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **DUSSELDORP, Jan, C.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) CN JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49716** (13) A1

(21) PCT/US98/08478

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,255 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01K 9/08**

(54) • VEHICLE LAMPS WITH GLARE CONTROL
• FEUX DE VEHICULE ANTI–EBLOUISSEMENT

(71) **OSRAM SYLVANIA INC.** [US/US]; 100 Endicott Street, Danvers, MA 01923 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ENGLISH, George, J.** [US/US]; 34 Hillside Road, Reading, MA 01867 (US). **TUCKER, Michael, D.** [US/US]; 5 Morse Circle, Henniker, NH 03242 (US).

(74) **MCCLELLAN, William, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49717** (13) A1

(21) PCT/US98/08506

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/044,255 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01K 9/08, 1/18**

(54) • VEHICLE LAMPS WITH IMPROVED FILAMENT AND FILAMENT SUPPORT CONFIGURATIONS
• LAMPE POUR VEHICULE A FILAMENT AMELIORE ET A CONFIGURATIONS DE SUPPORT DE FILAMENT AMELIOREES

(71) **OSRAM SYLVANIA INC.** [US/US]; 100 Endicott Street, Danvers, MA 01923 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COUSHAINE, Charles, M.** [US/US]; 56 Birch Drive, Rindge, NH 03461 (US). **TUCKER, Michael, D.** [US/US]; 5 Morse Circle, Henniker, NH 03242 (US). **ENGLISH, George, J.** [US/US]; 34 Hillside Road, Reading, MA 01867 (US).

(74) **MCCLELLAN, William, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).

(81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49718** (13) A2

(21) PCT/IB98/00368

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 97201274.4 (32) **28 Apr/avr 1997 (28.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 21/283, 23/532**

(54) • METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE WITH A MULTILAYER WIRING
• PROCEDE POUR FABRIQUER UN DISPOSITIF SEMICONDUCTEUR AVEC UN CABLAGE MULTICOUCHE

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **WEBSTER, Marian, Nelia**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **DIRKS, Albertus, Gerhardus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VEERMAN, Jan, W.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49719** (13) A1

(21) PCT/US98/02826

(22) **16 Feb/fév 1998 (16.02.1998)**

(25) en (26) en

(31) 08/846,671 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 21/302**

(54) • UNDOPED SILICON DIOXIDE AS ETCH STOP FOR SELECTIVE ETCH OF DOPED SILICON DIOXIDE
• DIOXYDE DE SILICIUM NON DOPE SERVANT D'ARRET D'ATTAQUE POUR ATTAQUE SELECTIVE DE DIOXYDE DE SILICIUM DOPE

(71) **MICRON TECHNOLOGY, INC.** [US/US]; 8000 South Federal Way, P.O. Box 6, Boise, ID 83707–0006 (US).

(72) **KO, Kei–Yu**; 4611 East Rockbury Court, Meridian, ID 83642 (US).

(74) **DESANDRO, Bradley, K.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate, 60 East South Temple, Salt Lake City, UT 84111 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49720** (13) A1

(21) PCT/JP98/01949

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/111319 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 21/3065**

(54) • VACUUM PROCESSING METHOD AND APPARATUS
• PROCEDE ET DISPOSITIF DE TRAITEMENT SOUS VIDE

(71) **SHIBAURA ENGINEERING WORKS CO., LTD.** [JP/JP]; 1000–1, Kasama–cho, Sakae–ku, Yokohama–shi, Kanagawa 247–0006 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KASAI, Masaru** [JP/JP]; Dai8–306, JuneparesZama, 25–22, Sagamigaoka 4–chome, Zama–shi, Kanagawa 228–0001 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Room 323, Fuji Building, 2–3, Marunouchi 3–chome, Chiyoda–ku, Tokyo 100–0005 (JP).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49721** (13) A1

(21) PCT/US98/08965

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 60/044,402 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(31) 09/054,262 (32) **3 Apr/avr 1998 (03.04.1998)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 21/316, C23C 18/12**

(54) • IMPROVED PROCESS FOR PRODUCING NANOPOROUS SILICA THIN FILMS
• PROCEDE AMELIORE D'OBTENTION DE COUCHES MINCES NANOPOREUSES DE SILICE

(71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962–2245 (US).

(72) **SMITH, Douglas, M.**; 1412 Marquette Place, N.E., Albuquerque, NM 87106 (US). **RAMOS, Theresa**; 7517 El Morro N.E., Albuquerque, NM 87107 (US). **RODERICK, Kevin, H.**; 3808 Lafayette N.E., Albuquerque, NM 87107 (US). **WALLACE, Stephen**; 8426 Yeager Drive, N.E., Albuquerque, NM 87109 (US).

(74) **GOTTS, Lawrence, J.** et al. / etc.; Crowell & Moring LLP, 1001 Pennsylvania Avenue, N.W., Washington, DC 20004–2595 (US).

(81) AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TT UA UG UZ VN; AP (GH GM KE LS MW SD SZ UG ZW); 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 ML MR NE SN TD TG).

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(11) **WO 98/49722** (13) A1

(21) PCT/SE98/00619

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) en (26) en

(31) 9701618–2 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 21/3205, 23/64, 23/522**

(54) • CAPACITORS IN INTEGRATED CIRCUITS
• CONDENSATEURS DE CIRCUITS INTEGRES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **NORSTRÖM, Hans**; Mårdstigen 3, S–171 72 Solna (SE). **NYGREN, Stefan**; Övre Slottsgatan 22 C, S–753 12 Uppsala (SE).

(74) **ERICSSON COMPONENTS AB**; Dept. for Intellectual Property Rights, S–164 81 Stockholm (SE).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49723** (13) A1

(21) PCT/US98/08693

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,726 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 21/321, 21/768, B24B 37/04, B24D 3/20, 11/00, C09K 3/14**

(54) • METHOD OF PLANARIZING THE UPPER SURFACE OF A SEMICONDUCTOR WAFER
• PROCEDE DE PLANAGE DE LA SURFACE SUPERIEURE D'UNE PLAQUETTE DE SEMI–CONDUCTEUR

(63) US 08/846 726 (CIP)
30 Apr/avr 1997 (30.04.1997)

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133–3427 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAISAKI, David, A.** [US/US]; 749 Mount Curve Boulevard #2, Saint Paul, MN 55116 (US). **KRANZ, Heather, K.** [US/US]; 9219 Harpers Court N.E., Blaine, MN 55449 (US). **WOOD, Thomas, E.** [US/US]; 11019 Ironwood Avenue N., Stillwater, MN 55082 (US). **HARDY, L., Charles** [US/US]; 1055 Lincoln Avenue, Saint Paul, MN 55105 (US).

(74) **FEULNER, Gregory, J.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133–3427 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49724** (13) A1

(21) PCT/JP98/01892

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/108671 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 21/336, 29/78, 21/28**

(54) • PROCESS FOR MANUFACTURING SEMICONDUCTOR DEVICE
• PROCEDE DE FABRICATION DE DISPOSITIF A SEMI–CONDUCTEURS

(71) **SHARP KABUSHIKI KAISHA** [JP/JP]; 22–22, Nagaike–cho, Abeno–ku, Osaka–shi, Osaka 545–0013 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KATAOKA, Kotaro** [JP/JP]; Room C353 Akebonoryo, 2613–1, Ichinomotocho, Tenri–shi, Nara 632–0004 (JP). **IWATA, Hiroshi** [JP/JP]; 2–4–13, Shigigaoka, Sangocho, Ikomagun, Nara 636–0813 (JP). **NAKANO, Masayuki** [JP/JP]; Room 201 LM Nara Yasuraginomichi, 109–1, Nishikitsujimachi, Nara–shi, Nara 630–8325 (JP).

(74) **NOGAWA, Shintaro**; Quarter–1 Building, 1–3, Nishitenma 5–chome, Kita–ku, Osaka–shi, Osaka 530–0047 (JP).

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

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(11) **WO 98/49725** (13) A1

(21) PCT/FR98/00837

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) fr (26) fr

(31) 97/05435 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FR

(31) 97/07819 (32) **24 Jun/juin 1997 (24.06.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 21/48, 21/60**

(54) • METHOD FOR MAKING CONNECTION BALLS ON ELECTRONIC CIRCUITS OR COMPONENTS
• PROCEDE DE REALISATION DE BILLES DE CONNEXION SUR DES CIRCUITS OU DES COMPOSANTS ELECTRONIQUES

(71) **SOCIETE NOVATEC S.A.** [FR/FR]; Z.A. Albasud, 170, rue Louis Lépine, F–82000 Montauban (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOURRIERES, Francis** [FR/FR]; 80, chemin des Cabouillous, Le Carreyrat, F–82000 Montauban (FR).

(74) **RAVINA, Bernard**; Ravina S.A., 24, boulevard Riquet, F–31000 Toulouse (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49726** (13) A1

(21) PCT/JP98/01970

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/112753 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(31) 10/25896 (32) **6 Feb/fév 1998 (06.02.1998)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 23/12**

(54) • BOARD FOR MOUNTING SEMICONDUCTOR ELEMENT, METHOD FOR MANUFACTURING THE SAME, AND SEMICONDUCTOR DEVICE
• PLAQUETTE POUR MONTER UN ELEMENT A SEMI–CONDUCTEUR, PROCEDE PERMETTANT DE LA PRODUIRE ET DISPOSITIF A SEMI–CONDUCTEUR

(71) **HITACHI CHEMICAL COMPANY, LTD.** [JP/JP]; 1–1, Nishishinjuku 2–chome, Shinjuku–ku, Tokyo 163–0449 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FUKUTOMI, Naoki** [JP/JP]; 8463–5, Yuki, Yuki–shi, Ibaraki–ken 307–0001 (JP). **WAKASHIMA, Yoshiaki** [JP/JP]; 1–3–1, Hosoyama, Asao–ku, Kawasaki–shi, Kanagawa–ken 215–0001 (JP). **NAOYUKI, Susumu** [JP/JP]; 7188–32, Yuki, Yuki–shi, Ibaraki–ken 307–0001 (JP). **KIDA, Akinari** [JP/JP]; 5324–12, Tomonuma, Nogicho, Shimotsuga–gun, Tochigi–ken 329–0101 (JP).

(74) **TOMITA, Kazuko** et al. / etc.; 7F Yokohama HS–Building, 9–10, Kitasaiwai 2–chome, Nishi–ku, Yokohama–shi, Kanagawa 220–0004 (JP).

(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 GW HU ID IL 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49727** (13) A1

(21) PCT/US98/03260

(22) **20 Feb/fév 1998 (20.02.1998)**

(25) en (26) en

(31) 08/848,334 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 23/34, 23/48, 23/52**

(54) • RADIO FREQUENCY ELECTRONIC DEVICE FOR REGULATING AN AMOUNT OF POWER
• DISPOSITIF ELECTRONIQUE DE FREQUENCE RADIO PERMETTANT DE REGULER UNE QUANTITE DE PUISSANCE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MCDUNN, Kevin, J.**; 451 Harvest Gate, Lake in the Hills, IL 60102 (US). **LIMPER–BRENNER, Linda**; 1927 Henley Street, Glenview, IL 60025 (US).

(74) **CREPS, Heather, L.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) AU BR CA CN JP KR MX SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49728** (13) A1

(21) PCT/JP98/01945

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) ja (26) ja

(31) 9/110798 (32) **28 Apr/avr 1997 (28.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 25/16**

(54) • MULTICHIP MODULE
• BOITIER MULTIPUCE

(71) **ROHM CO., LTD.** [JP/JP]; 21, Saiin Mizosaki–cho, Ukyo–ku, Kyoto–shi, Kyoto 615–0045 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YAMAMOTO, Kenji** [JP/JP]; Rohm Co., Ltd., 21, Saiin Mizosaki–cho, Ukyo–ku, Kyoto–shi, Kyoto 615–0045 (JP).

(74) **SANO, Shizuo**; Tenmabashi–Yachiyo Building, Bekkan, 2–6, Tenmabashi–Kyomachi, Chuo–ku, Osaka–shi, Osaka 540–0032 (JP).

(81) CN KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49729** (13) A1

(21) PCT/GB98/01214

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 9708574.0 (32) **25 Apr/avr 1997** (33) GB **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 27/146, 21/76**

(54) • IMPROVED SOLID STATE IMAGE SENSOR
• DETECTEUR D'IMAGE A SEMI–CONDUCTEURS AMELIORE

(71) **VLSI VISION LIMITED** [GB/GB]; Aviation House, 31 Pinkhill, Edinburgh EH12 7BF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HURWITZ, Jonathan, Ephriam, David** [GB/GB]; 17 (3F1) Gladstone Terrace, Edinburgh EH9 1LS (GB). **DENYER, Peter, Brian** [GB/GB]; 5 Albert Terrace, Edinburgh EH10 5EA (GB).

(74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (GB).

(81) IL KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49730** (13) A1

(21) PCT/US98/06030

(22) **26 Mar/mar 1998 (26.03.1998)**

(25) en (26) en

(31) 08/848,203 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 29/00**

(54) • DESIGN AND FABRICATION OF ELECTRONIC DEVICES WITH InA1AsSb/A1Sb BARRIER
• CONCEPTION ET FABRICATION DE DISPOSITIFS ELECTRONIQUES AVEC BARRIERE InAlAsSB/AlSb

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA, represented by THE SECRETARY OF THE NAVY NAVAL RESEARCH LABORATORY, Code 3008.2** [US/US]; 4555 Overlook Avenue, S.W., Washington, DC 20375–5325 (US).

(72) **BOOS, John, Bradley**; 8166 Dark Den Circle, Springfield, VA 22153 (US). **KRUPPA, Walter**; 9335 Lee Highway #1003, Fairfax, VA 22031 (US). **PARK, Daewon**; 7711 Greenbrook Drive, Greenbelt, MD 20770 (US). **BENNETT, Brian, R.**; 7250 Stover Drive, Alexandria, VA 22306 (US).

(74) **MCDONNELL, Thomas, E.**; Associate Counsel (Patents), Code 3008.2, Naval Research Laboratory, 4555 Overlook Avenue, S.W., Washington, DC 20375–5325 (US).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49731** (13) A1

(21) PCT/US98/05487

(22) **20 Mar/mar 1998 (20.03.1998)**

(25) en (26) en

(31) 08/846,286 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 29/739, 29/24**

(54) • SILICON CARBIDE FIELD CONROLLED BIPOLAR SWITCH
• COMPOSANT BIPOLAIRE A EFFET DE CHAMP EN CARBURE DE SILICIUM

(63) US 08/846,286 (CON) 30 Apr/avr 1997 (30.04.1997)

(71) **CREE RESEARCH, INC.** [US/US]; 4600 Silicon Drive, Durham, NC 27703–8475 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SINGH, Ranbir** [IN/US]; Apartment 2C, 100 Rosedown Drive, Cary, NC 27513 (US). **PALMOUR, John, W.** [US/US]; 2920 Hunter's Bluff Drive, Raleigh, NC 27606 (US).

(74) **SUMMA, Philip**; Suite 500, 5925 Carnegie Boulevard, Charlotte, NC 28209 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49732** (13) A2

(21) PCT/IB98/00399

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 97201272.8 (32) **28 Apr/avr 1997** (33) EP **(28.04.1997)**

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 29/78**

(54) • LATERAL MOS TRANSISTOR DEVICE
• DISPOSITIF TRANSISTOR MOS LATERAL

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **JOS, Hendrikus, Ferdinand, Franciscus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **HOUBIERS, Ernest, E., M., G.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49733** (13) A1

(21) PCT/DE98/01030

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) de (26) de

(31) 197 17 614.3 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 29/86, H02H 9/00**

(54) • SEMI–CONDUCTOR DEVICE AND USE THEREOF
• LIMITEUR DE COURANT A SEMICONDUCTEUR ET SON UTILISATION

(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) **BARTSCH, Wolfgang** [DE/DE]; Rennesstrasse 21, D–91054 Erlangen (DE). **MITLEHNER, Heinz** [DE/DE]; Danzinger Strasse 1 a, D–91080 Uttenreuth (DE). **STEPHANI, Dietrich** [DE/DE]; Hans–Birkmayr–Strasse 7, D–91088 Bubenreuth (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **29 Apr/avr 1997 (29.04.1997)**

(25) fr (26) fr

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 31/0352, 27/146**

(54) • BICOLOR INFRARED DETECTOR WITH SPATIAL/TEMPORAL COHERENCE
• DETECTEUR INFRAROUGE BICOLORE A COHERENCE SPATIO–TEMPORELLE PLANAIRE

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31–33, rue de la Fédération, F–75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZANATTA, Jean–Paul** [FR/FR]; 4, rue Aimé Berey, F–38000 Grenoble (FR). **FERRET, Pierre** [FR/FR]; 16, rue Amédée Morel, F–38000 Grenoble (FR). **DUVAUT, Philippe** [FR/FR]; 55, rue Paviot, F–38120 Saint–Egrève (FR).

(74) **BREVATOME**; 25, rue de Ponthieu, 422–5/S002, F–75008 Paris (FR).

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

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(11) **WO 98/49735** (13) A1

(21) PCT/NL98/00230

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) nl (26) en

(31) 1005926 (32) **29 Apr/avr 1997** (33) NL **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01L 31/042, 31/05**

(54) • SOLAR PANEL HAVING PHOTOVOLTAIC UNITS CONNECTED IN SERIES
• PANNEAU SOLAIRE AVEC UNITES PHOTOVOLTAIQUES CONNECTEES EN SERIE

(71) **STICHTING ENERGIEONDERZOEK CENTRUM NEDERLAND** [NL/NL]; Postbus 1, NL–1755 ZG Petten (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN ROOSMALEN, Johannes, Adrianus, Maria** [NL/NL]; Buizerdweg 16, NL–1826 GG Alkmaar (NL).

(74) **DOKTER, Hendrik, Daniël**; Octrooibureau Dokter, P.O. Box 657, NL–7300 AR Apeldoorn (NL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49736** (13) A1

(21) PCT/US98/08538

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/841,121 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01M 2/04, H01R 43/00**

(54) • SEALED WELDLESS BATTERY CIRCUIT CAST IN COVER
• CIRCUIT DE PILE FERME SANS SOUDURE MOULE DANS LE COUVERCLE

(71, 72) **SHANNON, John** [US/US]; 1424 Ninth Street, Racine, WI 53403 (US). **SHANNON, James** [US/US]; 1424 Ninth Street, Racine, WI 53403 (US).

(74) **ERSLER, Donald**; 725 Garvens Avenue, Brookfield, WI 53005 (US).

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

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(11) **WO 98/49737** (13) A1

(21) PCT/JP98/01930

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 9/122862 (32) **28 Apr/avr 1997** (33) JP **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01M 4/62, C08F 214/22**

(54) • VINYLIDENE FLUORIDE POLYMER–BASED BINDER SOLUTION AND ELECTRODE–FORMING COMPOSITION
• SOLUTION LIANTE A BASE DE POLYMERE DE FLUORURE DE VINYLIDENE ET COMPOSITION SERVANT A CREER UNE ELECTRODE

(71) **KUREHA KAGAKU KOGYO KABUSHIKI KAISHA** [JP/JP]; 1–9–11, Nihonbashi Horidome–cho, Chuo–ku, Tokyo 103–8552 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HORIE, Katsuo** [JP/JP]; 57, Takamatsu, Oodaka, Nakosomachi, Iwaki–shi, Fukushima–ken 974–0144 (JP). **KATSURAO, Takumi** [JP/JP]; 1–2–D4–6, Ochiai, Nishikimachi, Iwaki–shi, Fukushima–ken 974–8232 (JP). **NAGAI, Aisaku** [JP/JP]; 2–2–12, Uedamachihoncho, Iwaki–shi, Fukushima–ken 974–8261 (JP).

(74) **ENDO, Yukio**; Toko International Patent Office, Hasegawa Building 4F, 7–7, Toranomon 3–chome, Minato–ku, Tokyo 105–0001 (JP).

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

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(11) **WO 98/49738** (13) A1

(21) PCT/US97/07281

(22) **30 Apr/avr 1997 (30.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01M 8/12**

(54) • ELECTRODE STRUCTURE FOR SOLID STATE ELECTROCHEMICAL DEVICES
• STRUCTURE D'ELECTRODE POUR DISPOSITIFS ELECTROCHIMIQUES TRANSISTORISES

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **WALLIN, Sten, A.**; 1917 Plymouth Street, Midland, MI 48642 (US).

(74) **GALBRAITH, Ann, K.**; The Dow Chemical Company, Patent Dept., P.O. Box 1967, Midland, MI 48641–1967 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 UZ VN YU; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49739** (13) A1

(21) PCT/US98/00024

(22) **28 Jan/jan 1998 (28.01.1998)**

(25) en (26) en

(31) 08/840,336 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01M 10/40**

(54) • ULTRASONIC EXTRACTION OF PLASTICIZER FROM ELECTROCHEMICAL CELLS
• EXTRACTION ULTRASONORE DE PLASTIFIANT A PARTIR DE CELLULES ELECTROCHIMIQUES

(63) US 08/840,336 (CON) 28 Apr/avr 1997 (28.04.1997)

(71) **VALENCE TECHNOLOGY, INC.** [US/US]; 301 Conestoga Way, Henderson, NV 89015 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BARKER, Jeremy** [GB/US]; 1770 North Green Valley Parkway #4021, Henderson, NV 89014 (US). **GUINDY, Wade** [US/US]; 20 Charmartin Street, Henderson, NV 89014 (US).

(74) **KREBS, Robert, E.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 GW 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49740** (13) A1

(21) PCT/US98/08131

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/841,193 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 1/24, 9/36, H04B 1/38**

(54) • RADIOTELEPHONES WITH INTEGRATED MATCHING ANTENNA SYSTEMS
• RADIOTELEPHONES A SYSTEMES D'ANTENNE ADAPTES ET INTEGRES

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).

(72) **HOLSHOUSER, Howard, Eugene**; 3701 Carrington Lane, Efland, NC 27243 (US).

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

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49741** (13) A1

(21) PCT/SE98/00696

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 9701644–8 (32) **30 Apr/avr 1997** (33) SE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 1/38**

(54) • MICROWAVE ANTENNA SYSTEM AND METHOD
• SYSTEME D'ANTENNE HYPERFREQUENCE ET PROCEDE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **JIDHAGE, Ulf, Henrik**; Viktoriagatan 25, S–441 33 Alingsås (SE). **SVENSSON, Bengt, Inge**; Muraregatan 10, S–431 66 Mölndal (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S–164 80 Stockholm (SE).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49742** (13) A1

(21) PCT/SE98/00764

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) sv (26) en

(31) 9701646–3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 1/38**

(54) • AN ANTENNA FOR A RADIO COMMUNICATIONS APPARATUS
• ANTENNE DESTINEE A UN APPAREIL DE RADIOCOMMUNICATION

(71) **MOTECO AB** [SE/SE]; P.O. Box 51, S–570 76 Ruda (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASSEL, Erland** [SE/SE]; Sveastigen 7, S–182 60 Djursholm (SE).

(74) **WALLENGREN, Yngvar**; Patentbyrån Y Wallengren AB, P.O. Box 116, S–331 21 Värnamo (SE).

(81) BR DE DE (Utility model / modèle d'utilité) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49743** (13) A1

(21) PCT/SE98/00774

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) sv (26) en

(31) 9701646–3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 1/38**

(54) • ANTENNA FOR RADIO COMMUNICATIONS APPARATUS
• ANTENNE POUR DISPOSITIF DE RADIOCOMMUNICATION

(71) **MOTECO AB** [SE/SE]; P.O. Box 51, S–570 76 Ruda (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CASSEL, Erland** [SE/SE]; Sveastigen 7, S–182 60 Djursholm (SE).

(74) **WALLENGREN, Yngvar**; Patentbyrån Y Wallengren AB, P.O. Box 116, S–331 21 Värnamo (SE).

(81) BR DE DE (Utility model / modèle d'utilité) JP SE US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49744** (13) A1

(21) PCT/GB98/01191

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 9708433.9 (32) **26 Apr/avr 1997 (26.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 1/44, 1/12**

(54) • ANTENNA TOWER IN THE FORM OF A TREE
• MAT D'ANTENNE EN FORME D'ARBRE

(71) **ALAN DICK & COMPANY LIMITED** [GB/GB]; The Barlands, London Road, Cheltenham, Gloucestershire GL52 6UT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALLCOCK, George** [GB/GB]; 27 Ravensgate Road, Charlton Kings, Cheltenham, Gloucestershire GL53 8NR (GB).

(74) **DUNLOP, Brian, Kenneth, Charles** et al. / etc.; Wynne–Jones, Laine & James, 22 Rodney Road, Cheltenham, Gloucestershire GL50 1JJ (GB).

(81) AU CA KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49745** (13) A1

(21) PCT/FR98/00842

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) fr (26) fr

(31) 97/05407 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(31) 97/07100 (32) **9 Jun/juin 1997 (09.06.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 3/02, 3/08**

(54) • ANTENNA SYSTEM, IN PARTICULAR FOR POINTING MOVING SATELLITES
• SYSTEME D'ANTENNES, NOTAMMENT POUR POINTAGE DE SATELLITES DEFILANTS

(71) **ALCATEL** [FR/FR]; 54, rue La Boétie, F–75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BOUSQUET, Jacques** [FR/FR]; 3, avenue de Wailly, F–78290 Croissy/Seine (FR). **MENARD, Pierre** [FR/FR]; 12, rue de la Cavée, F–95100 Argenteuil (FR).

(74) **MOULIN, Béatrice**; Compagnie Financière Alcatel, D.P.I., 30, avenue Kléber, F–75116 Paris (FR) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49746** (13) A1

(21) PCT/FR98/00720

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) fr (26) fr

(31) 97/05407 (32) **30 Apr/avr 1997 (30.04.1997)** (33) FR

(31) 97/09900 (32) **1 Aug/août 1997 (01.08.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 3/14, 19/06**

(54) • TERMINAL–ANTENNA DEVICE FOR MOVING SATELLITE CONSTELLATION
• DISPOSITIF TERMINAL–ANTENNE POUR CONSTELLATION DE SATELLITES DEFILANTS

(71) **ALCATEL** [FR/FR]; 54, rue de la Boétie, F–75008 France (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CAILLE, Gérard** [FR/FR]; 7, rue de Vénasque, F–31170 Tournefeuille (FR). **PINTE, Béatrice** [FR/FR]; 6, route de Baziège, F–31670 Labège (FR).

(74) **MOULIN, Béatrice** et al. / etc.; Compagnie Financière Alcatel, 30, avenue Kléber, F–75016 Paris (FR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49747** (13) A1

(21) PCT/IL98/00201

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 120737 (32) **29 Apr/avr 1997 (29.04.1997)** (33) IL

(31) 60/048,393 (32) **3 Jun/juin 1997 (03.06.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 5/00, 1/24, 21/30**

(54) • DUAL–BAND ANTENNA WITH A SINGLE MATCHING NETWORK
• ANTENNE A DOUBLE BANDE AVEC CIRCUIT D'ADAPTATION UNIQUE

(71) **GALTRONICS LTD.** [IL/IL]; P.O. Box 1589, 14115 Tiberias (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOPE, William** [GB/GB]; 5 Collins Crescent, Dalgety Bay, File KY1 1SF (GB). **MARTISKAINEN, Matti** [FI/IL]; P.O. Box 3392, 14154 Tiberias (IL). **QUANTZ, Stefan** [DE/IL]; P.O. Box 288, 15210 Newe Oved (IL).

(74) **SANFORD, T., Colb** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49748** (13) A1

(21) PCT/US98/08040

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/841,060 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 9/04**

(54) • STACKED PATCH ANTENNA WITH FREQUENCY BAND ISOLATION
• ANTENNE A PLAQUES EMPILEES, A ISOLATION DES BANDES DE FREQUENCE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(72) **KELLERMAN, Francis, W.**; 9 Vey Drive, Brentwood, NH 03833 (US). **HARNED, William, H.**; 29 Wild Pasture Road, Kensington, NH 03827 (US). **MULLINS, Richard, A.**; Apartment 4, 4 Woodburn Road, Litchfield, NH 03052 (US).

(74) **KITA, Gerald, K.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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 UZ VN; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49749** (13) A1

(21) PCT/US98/07432

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 08/847,620 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 11/10, 21/00, 21/12, 19/00, 19/10, 19/30, 9/16**

(54) • PRE–TUNED HYBRID LOGARITHMIC YAGI ANTENNA SYSTEM
• SYSTEME D'ANTENNE YAGI LOGARITHMIQUE HYBRIDE PREREGLEE

(71) **ALLEN TELECOM INC.** [US/US]; 25101 Chagrin Boulevard, Beachwood, OH 44122 (US).

(72) **DeMARRE, Allen, G.**; 4505 N. O'Connor Boulevard, Condo 2125, Irving, TX 75062 (US).

(74) **SUTKER, Marshall, W.**; Laff, Whitesel, Conte & Saret, Ltd., Suite 1700, 401 N. Michigan Avenue, Chicago, IL 60611–4212 (US).

(81) AU BR CN KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49750** (13) A1

(21) PCT/GB98/00829

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 9708758.9 (32) **29 Apr/avr 1997 (29.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01Q 15/00**

(54) • TWIST REFLECTOR ANTENNA
• ANTENNE TORSADE A REFLECTEUR

(71) **ERA PATENTS LIMITED** [GB/GB]; Cleeve Road, Leatherhead, Surrey KT22 7SA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMS, Neil** [GB/GB]; Hazel Cottage, Elmers Road, Ockley, Nr. Dorking, Surrey RH5 5TL (GB). **PEARSON, Robert** [GB/GB]; Rowan Cottage, Highfield Crescent, Hindhead, Surrey GU26 6TG (GB).

(74) **GILL JENNINGS & EVERY**; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49751** (13) A1

(21) PCT/US98/07938

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) PI 9701976–3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) BR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01R 4/24**

(54) • ELECTRICAL CONNECTOR WITH RESILIENT INSULATION PIERCING TERMINALS
• CONNECTEUR ELECTRIQUE A BORNES D'ISOLATION ELASTIQUES ET PERÇANTES

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROOSDORP, Joannes, W., M.** [BR/BR]; Rua Ampere, 304, Penha, CEP–12900–000 Bragança Paulista, SP (BR). **FUZETTI, Vagner** [BR/BR]; Rua Francisco Ladislau da Silva Villaca, 255, Jd. São Lourenço, CEP–12900–000 Bragança Paulista, SP (BR).

(74) **KAPALKA, Robert, J.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49752** (13) A1

(21) PCT/EP98/02427

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 17 627.5 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01R 9/03, 13/648, 9/05**

(54) • SHIELDED CONNECTING DEVICE
• DISPOSITIF DE RACCORDEMENT A BLINDAGE

(71) **AMPHENOL–TUCHEL ELECTRONICS GMBH** [DE/DE]; August–Häusser–Strasse 10, D–74080 Heilbronn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BÜHLER, Roland** [DE/DE]; Neipperger Höhe 11, D–74080 Heilbronn (DE). **KAWICKI, Axel** [DE/DE]; Römerstrasse 16, D–74078 Heilbronn (DE).

(74) **WAGNER, Karl, H.**; Wagner & Geyer, Gewürzmühlstrasse 5, D–80538 München (DE).

(81) CN CZ JP KR PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49753** (13) A1

(21) PCT/EP98/01960

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) en (26) en

(31) 97107167.5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) EP

(34) CH et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01R 13/00, 13/627, 23/27**

(54) • CONNECTOR SYSTEM
• SYSTEME DE CONNEXION

(71) **INTERLEMO HOLDING S.A.** [CH/CH]; Grabenstrasse 15, CH–7000 Coire (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **Mc FARLANE, Glen** [GB/GB]; 6 West Park Lane, Goring by Sea, Worthing, West Susex BN12 4ER (GB).

(74) **MISRACHI, Alfred**; Chemin de la Plantaz 15, CH–1024 Ecublens (CH).

(81) AU CA CN IL JP KR NO RU SG US.

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(11) **WO 98/49754** (13) A1

(21) PCT/IB98/00609

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 197 17 954.1 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01R 13/115, 13/18**

(54) • ELECTRICAL CONTACT
• CONTACT ELECTRIQUE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EGENOLF, Bernhard** [DE/DE]; Berliner Ring 28, D–63303 Dreieich (DE).

(74) **HEINZ–SCHAEFER, Marion** et al. / etc.; AMP International Enterprises Ltd., AMPèrestrasse 3, CH–9323 Steinach (CH).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49755** (13) A1

(21) PCT/US98/08049

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 9/123264 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01R 13/52**

(54) • CONNECTOR PROTECTIVE COVER
• COUVERCLE DE PROTECTION DE CONNECTEUR

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAGUCHI, Hiroshi** [JP/JP]; 1–39–22, Wada, Suginami–ku, Tokyo 166–0012 (JP). **TOY, Lester** [US/CN]; No. 219, 1500 Ha Mi Road, Shanghai (CN). **IINO, Koichi** [JP/JP]; 1–12–7–111, Ida, Nakahara–ku, Kawasaki, Kanagawa 211–0035 (JP).

(74) **NESS, Anton, P.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49756** (13) A1

(21) PCT/US98/08050

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 9/123260 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01R 23/70, 9/07, 9/09**

(54) • ELECTRICAL CONNECTOR
• CONNECTEUR ELECTRIQUE

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHEN, Ping** [CN/JP]; 40A, Palunasu Yomogidai, 2–917, Yomogidai, Meito–ku, Nagoya, Aichi 465 (JP). **NAGAMINE, Akira** [JP/JP]; Toyota–kandacho Kopolasu 204, 1–5–1, Kandacho, Toyota, Aichi 471 (JP).

(74) **DITTY, Bradley, N.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49757** (13) A1

(21) PCT/GB98/01150

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 9708712.6 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01R 43/26, 13/631, G21F 7/06**

(54) • A PLUG AND SOCKET ASSEMBLY FOR REMOTE HANDLING
• ENSEMBLE DE FICHE ET DOUILLE PERMETTANT UNE MANIPULATION A DISTANCE

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUNLIFFE, David, Frank** [GB/GB]; CE & I, H220, British Nuclear Fuels plc, Risley, Warrington WA3 6AS (GB).

(74) **GODDARD, David, John**; Harrison Goddard Foote, 1 Stockport Road, Marple, Stockport SK6 6BD (GB) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49758** (13) A1

(21) PCT/GB98/01160

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) en (26) en

(31) 9708711.8 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01R 43/26, G21F 7/06**

(54) • APPARATUS FOR REMOTE HANDLING OF PLUGS AND SOCKETS
• APPAREIL DE MANIPULATION A DISTANCE DE FICHES ET DE DOUILLES

(71) **BRITISH NUCLEAR FUELS PLC** [GB/GB]; Risley, Warrington, Cheshire WA3 6AS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CUNLIFFE, David, Frank** [GB/GB]; CE & I, H220, British Nuclear Fuels plc, Risley, Warrington WA3 6AS (GB).

(74) **GODDARD, David, John**; Harrison Goddard Foote, 1 Stockport Road, Marple, Stockport SK6 6BD (GB) et al. / etc.

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49759** (13) A1

(21) PCT/DE98/00868

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) de (26) de

(31) 197 17 571.6 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H01S 3/19**

(54) • DIODE LASER OSCILLATOR OR AMPLIFIER HAVING AT LEAST ONE LIGHT CONDUCTING SEMICONDUCTOR LAYER
• OSCILLATEUR OU AMPLIFICATEUR A DIODE LASER, COMPORTANT AU MOINS UNE COUCHE SEMICONDUCTRICE CONDUISANT LA LUMIERE

(71) **FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Leonrodstrasse 54, D–80636 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MIKULLA, Michael** [DE/DE]; Kartäuser Strasse 134, D–79102 Freiburg (DE). **CHAZAN, Pierre** [FR/FR]; 10, rue de Turckheim, F–68000 Colmar (FR).

(74) **RÖSLER, Uwe**; Münich & Rösler, Wilhelm–Mayr–Strasse 11, D–80689 München (DE).

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

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(11) **WO 98/49760** (13) A1

(21) PCT/US98/08928

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/045,265 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H02G 15/007**

(54) • REDUCED TENSION WIRE CONTACT
• CONTACT REDUISANT LES CONTRAINTES SUR LES FILS

(71) **NORTH AMERICAN SPECIALTIES CORPORATION** [US/US]; 120–12 28th Avenue, Flushing, NY 11354 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CACHINA, Joseph, S.** [US/US]; 3524 West Shore Road, Warwich, RI 02886 (US). **BECKER, James, Michael** [US/US]; Rancho Palas Verdes, CA (US).

(74) **YANNEY, Pierre, R.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022–7513 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49761** (13) A1

(21) PCT/US98/08103

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 60/045,223 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(31) 08/928,837 (32) **12 Sep/sep 1997 (12.09.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H02H 3/00, 5/04, 7/00, 9/00, 9/02, H03F 3/04, G05F 3/04, 3/08, 3/16, 3/20**

(54) • THERMAL SHUTDOWN CIRCUIT AND METHOD FOR SENSING THERMAL GRADIENTS TO EXTRAPOLATE HOT SPOT TEMPERATURE
• CIRCUIT D'ARRET THERMIQUE ET PROCEDE DE MESURE DE GRADIENTS THERMIQUES POUR L'EXTRAPOLATION DE LA TEMPERATURE DE POINTS CHAUDS

(71) **BURR–BROWN CORPORATION** [US/US]; 6730 South Tucson Boulevard, Tucson, AZ 85706 (US).

(72) **GIBSON, Gary, S.**; 448 E. Tangelo Drive, Tucson, AZ 85737 (US).

(74) **CAHILL, William, C.**; Cahill, Sutton & Thomas P.L.C., Suite 155, 2141 E. Highland Avenue, Phoenix, AZ 85016 (US).

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

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(11) **WO 98/49762** (13) A1

(21) PCT/DE98/01029

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) de (26) de

(31) 197 17 614.3 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(31) 197 26 678.9 (32) **24 Jun/juin 1997 (24.06.1997)** (33) DE

(31) 298 01 945.0 (32) **5 Feb/fév 1998 (05.02.1998)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H02H 9/00, H01L 29/86**

(54) • DEVICE FOR LIMITING ELECTRICAL ALTERNATING CURRENTS, ESPECIALLY DURING SHORT–CIRCUITS
• DISPOSITIF POUR LIMITER DES COURANTS ELECTRIQUES ALTERNATIFS, NOTAMMENT EN CAS DE COURT–CIRCUIT

(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) **MITLEHNER, Heinz** [DE/DE]; Danziger Strasse 1a, D–91080 Uttenreuth (DE). **STEPHANI, Dietrich** [DE/DE]; Hans–Birkmayr–Strasse 7, D–91088 Bubenreuth (DE). **BARTSCH, Wolfgang** [DE/DE]; Rennesstrasse 21, D–91054 Erlangen (DE).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49763** (13) A2

(21) PCT/US98/08567

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/848,548 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H02K 1/00**

(54) • MAGNETICALLY–POSITIONED X–Y STAGE HAVING SIX–DEGREES OF FREEDOM
• ETAGE DANS LES AXES X–Y POUVANT ETRE POSITIONNE MAGNETIQUEMENT, ET COMPORTANT SIX DEGRES DE LIBERTE

(71) **ULTRATECH STEPPER, INC.** [US/US]; 3050 Zanker Road, San Jose, CA 95134 (US).

(72) **MARKLE, David, A.**; 20690 Ritanna Court, Saratoga, CA 95070 (US).

(74) **JONES, Allston, L.** et al. / etc.; Peters, Verny, Jones & Bikša, L.L.P., Suite 6, 385 Sherman Avenue, Palo Alto, CA 94306–1840 (US).

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

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(11) **WO 98/49764** (13) A1

(21) PCT/JP98/01993

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/124710 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H02K 5/00**

(54) • STRUCTURE FOR CENTERING BETWEEN MACHINE SHAFT AND MOTOR SHAFT
• STRUCTURE POUR CENTRAGE ENTRE UN ARBRE MACHINE ET UN ARBRE MOTEUR

(71) **FANUC LTD** [JP/JP]; 3580, Shibokusa Aza–Komanba, Oshino–mura, Minamitsuru–gun, Yamanashi 401–0597 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **UCHIDA, Hiroyuki** [JP/JP]; 4447–8, Katsuyama–mura, Minamitsuru–gun, Yamanashi 401–0310 (JP). **KATSUZAWA, Yukio** [JP/JP]; 1915–5, Funatsu, Kawaguchiki–machi, Minamitsuru–gun, Yamanashi 401–0301 (JP). **NAKAZAWA, Yasuyuki** [JP/JP]; Room 8–108, Fanuc Manshonharimomi, 3511–1, Shibokusa, Oshino–mura, Minamitsuru–gun, Yamanashi 401–0511 (JP).

(74) **TAKEMOTO, Shoji** et al. / etc.; 2F., Yamagata Building, 23–10, Toranomon 1–chome, Minato–ku, Tokyo 105–0001 (JP).

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

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(11) **WO 98/49765** (13) A2

(21) PCT/IB98/00351

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/845,745 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H02M 1/08**

(54) • OVERVOLTAGE PROTECTION CIRCUIT FOR SMPS BASED ON DEMAGNETIZATION SIGNAL
• CIRCUIT DE PROTECTION CONTRE LES SURTENSIONS POUR ALIMENTATION A DECOUPAGE, FONCTIONNANT A L'AIDE D'UN SIGNAL DE DEMAGNETISATION

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **MAJID, Naveed**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **MELSE, Bram**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **SEINEN, Erwin**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **HESSELMANN, Gerardus, J., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/49766** (13) A1

(21) PCT/IB98/00369

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 97201245.4 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H02M 1/08, 3/335**

(54) • SWITCHED–MODE POWER SUPPLY HAVING AN IMPROVED START–UP CIRCUIT
• ALIMENTATION A DECOUPAGE DOTEE D'UN CIRCUIT DE MISE EN MARCHE PERFECTIONNE

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **SEINEN, Erwin, Gerhardus, Reginaldus**; Prof. Holstlaan 6, NL–5656 AA Eindoven (US). **MAJID, Naveed**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **KOPPEN, Jan**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49767** (13) A1

(21) PCT/US98/06856

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) en (26) en

(31) 08/847,729 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03C 3/00, H03D 3/00, H04L 27/18**

(54) • MAXIMUM LIKELIHOOD DETECTION OF MPSK BURSTS WITH INSERTED REFERENCE SYMBOLS
• DETECTION DE LA VRAISEMBLANCE MAXIMALE DE RAFALES MPSK AVEC INSERTION DE SYMBOLES DE REFERENCE

(71) **STANFORD TELECOMMUNICATIONS, INC.** [US/US]; 1221 Crossman Avenue, Sunnyvale, CA 94089–1117 (US).

(72) **MACKENTHUN, Ken**; Apartment 110, 592 Mill Creek Lane, Santa Clara, CA 95054 (US).

(74) **WOODWARD, Henry, K.** et al. / etc.; Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8th floor, San Francisco, CA 94111–3834 (US).

(81) AU CA JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49768** (13) A1

(21) PCT/BY97/00003

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) ru (26) ru

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03D 7/14, H04B 15/00**

(54) • METHOD AND CIRCUIT FOR NOISE REDUCTION
• PROCEDE ET CIRCUIT DE DIMINUTION DU BRUIT

(71, 72) **CHEREDNICHENKO, Nikolai Petrovich** [BY/BY]; ul. Bulvar Kosmonavtov, 24–4, Brest, 224016 (BY).

(72, 75) **ROMANJUK, Vladimir Petrovich** [BY/BY]; ul. Voroniya, 6–2, Brest, 224020 (BY).

(81) CA CN FI JP KR PL SG UA US; EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49769** (13) A1

(21) PCT/US98/07334

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) en (26) en

(31) 08/846,293 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03G 1/00**

(54) • VARIABLE GAIN AMPLIFIER WITH IMPROVED LINEARITY AND BANDWIDTH
• AMPLIFICATEUR A GAIN VARIABLE A LINEARITE ET LARGEUR DE BANDE AMELIOREES

(71) **MAXIM INTEGRATED PRODUCTS, INC.** [US/US]; 120 San Gabriel Drive, Sunnyvale, CA 94086 (US).

(72) **MARSH, James, W., H.**; 18850 S.W. Schroeder Lane, Sherwood, OR 97140 (US). **WILLIAMS, Scott, Lindsey**; 13607 S.W. Lauren Lane, Tigard, OR 97223 (US).

(74) **BLAKELY, Roger, W.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025–1026 (US).

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

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(11) **WO 98/49770** (13) A1

(21) PCT/US98/08728

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 848,930 (32) **1 May/mai 1997** (33) US **(01.05.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03G 1/00**

(54) • DIFFERENTIAL PAIR GAIN CONTROL STAGE
• ETAGE DE COMMANDE DE GAIN DE PAIRE DIFFERENTIELLE

(71) **RAYTHEON COMPANY** [US/US]; 2000 E. El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US).

(72) **CHEN, Ricky, Y.**; 14561 Lofty Street, Irvine, CA 92604 (US). **LINDER, Lloyd, F.**; 3730 Patrick Henry Place, Agoura Hills, CA 91301 (US). **DEVENDORF, Don, C.**; 2016 Caracol Court, Carlsbad, CA 92009 (US). **GORDER, Matthew, S.**; 2623 Sovereign Way, Riverside, CA 92506 (US).

(74) **ALKOV, Leonard, A.**; Raytheon Company, 2000 E. El Segundo Boulevard, P.O. Box 902, El Segundo, CA 90245 (US) et al. / etc.

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

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(11) **WO 98/49771** (13) A1

(21) PCT/US98/06870

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 08/843,107 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03G 3/30**

(54) • BATTERY LIFE EXTENDING TECHNIQUE FOR MOBILE WIRELESS APPLICATIONS
• TECHNIQUE D'ALLONGEMENT DE LA DUREE DE VIE DES PILES POUR APPLICATIONS SANS FIL MOBILES

(71) **TRIQUINT SEMICONDUCTOR, INC.** [US/US]; 2300 N.E. Brookwood Parkway, Hillsboro, OR 97124 (US).

(72) **SHARP, Steven**; 221 N.W. Miller, Portland, OR 97229 (US). **TAYLOR, Stewart, S.**; 16927 N.W. Hazelgrove Court, Beaverton, OR 97006 (US). **HAMMOND, Samuel, W.**; 14150 S.W. Allen Boulevard #60, Beaverton, OR 97005 (US). **RUEBUSCH, Ronald, R.**; 5635 S.W. Knightsbridge Drive, Portland, OR 97219 (US).

(74) **OGONOWSKY, Brian**; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) BR CA CN IL JP KR SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49772** (13) A1

(21) PCT/CA97/00510

(22) **16 Jul/juil 1997 (16.07.1997)**

(25) en (26) en

(31) 08/847,528 (32) **24 Apr/avr 1997** (33) US **(24.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03H 3/08**

(54) • METHOD OF MAKING SURFACE WAVE DEVICES
• PROCEDE DE FABRICATION DE DISPOSITIFS A ONDES ACOUSTIQUES DE SURFACE

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

(72) **SENIUK, David, R.**; 237 Jean–Lesage, Aylmer, Quebec J9J 2S3 (CA). **DAI, Ji–Dong**; 18 Rowe Drive, Kanata, Ontario K2L 3Y2 (CA).

(74) **HALEY, R., John**; Northern Telecom Limited, Patent Dept., Station "C", P.O. Box 3511, Ottawa, Ontario K1Y 4H7 (CA).

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

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(11) **WO 98/49773** (13) A1

(21) PCT/US98/08793

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 60/044,294 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(31) 60/044,307 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03H 3/08**

(54) • HIGH FREQUENCY SURFACE ACOUSTIC WAVE DEVICES FOR RADIO FREQUENCY APPLICATIONS AND THE METHOD OF FABRICATING THE SAME
• DISPOSITIFS HAUTE FREQUENCE DESTINES A PRODUIRE DES ONDES ACOUSTIQUES DE SURFACE POUR APPLICATIONS RADIO FREQUENCE ET PROCEDE DE FABRICATION

(71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHI, Jim–Yong** [US/US]; 29 Woodpark Circle, Lexington, MA 02173 (US).

(74) **FRANCOS, William, J.** et al. / etc.; The Whitaker Corporation, Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49774** (13) A1

(21) PCT/JP98/01897

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/109226 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03H 9/42, 9/44, 9/64**

(54) • SURFACE ACOUSTIC WAVE MATCHED FILTER
• FILTRE ADAPTE A ONDES ACOUSTIQUES DE SURFACE

(71, 72) **TSUBOUCHI, Kazuo** [JP/JP]; 30–38, Hitokita 2–chome, Taihaku–ku, Sendai–shi, Miyagi 982–0222 (JP).

(72, 75) **YOKOYAMA, Michio** [JP/JP]; 5–25, Kabano–machi, Wakabayashi–ku, Sendai–shi, Miyagi 984–0037 (JP). **TOMABECHI, Shuichi** [JP/JP]; Famile Ishida 407, 220, Teppou–machi, Miyagino–ku, Sendai–shi, Miyagi 983–0861 (JP). **SUETSUGU, Takumi** [JP/JP]; Mitsubishi–Syataku 1332, 1019, Ohaza–Yokose, Yokose–machi, Saitama 368–0072 (JP). **IMANISHI, Yuichiro** [JP/JP]; Maison–Hara 104, 401, Hara 2–chome, Tenpaku–ku, Nagoya–shi, Aichi 468–0015 (JP). **SHIBATA, Tomohiko** [JP/JP]; Copo–Chita 203, 4, Chita–cho 4–chome, Kasugai–shi, Aichi 486–0947 (JP).

(74) **SUGIMURA, Akihide** et al. / etc.; Kazan Building, 2–4, Kasumigaseki 3–chome, Chiyoda–ku, Tokyo 100–0013 (JP).

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

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(11) **WO 98/49775** (13) A1

(21) PCT/US98/08520

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 60/045,279 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03H 17/06, 17/02**

(54) • APPARATUS AND METHOD FOR A LOW POWER DIGITAL FILTER BANK
• APPAREIL ET PROCEDE RELATIF A UN BANC DE FILTRES NUMERIQUES A FAIBLE PUISSANCE

(71) **MURPHY, Timothy, M.** [US/US]; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110–1618 (US).

(72) **ZIERHOFER, Claude**; Huettstrasse 50, A–6250 Kundl (AT).

(74) **SUNSTEIN, Bruce, D.** et al. / etc.; Bromberg & Sunstein LLP, 125 Summer Street, Boston, MA 02110–1618 (US).

(81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49776** (13) A1

(21) PCT/DE98/01059

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) de (26) de

(31) 197 17 680.1 (32) **28 Apr/avr 1997 (28.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03M 1/18**

(54) • METHOD AND DEVICE FOR DIGITIZING A HIGH–DYNAMIC ANALOG MEASURING SIGNAL
• PROCEDE ET DISPOSITIF POUR LA NUMERISATION D'UN SIGNAL DE MESURE ANALOGIQUE A DYNAMIQUE ELEVEE

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D–80333 München (DE).

(72) **MOHR, Stephan**; Saalweg 8, D–07747 Jena (DE). **HAIN, Stefan**; Eichenring 3, D–91090 Effeltrich (DE). **BOSSELMANN, Thomas**; Im Heuschlag 9, D–91054 Erlangen (DE).

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

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(11) **WO 98/49777** (13) A2

(21) PCT/SE98/00702

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 9701604–2 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03M 3/02**

(54) • DELTA MODULATOR
• MODULATEUR DELTA

(71) **PACESETTER AB** [SE/SE]; S–175 84 Järfälla (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WAHLBERG, Stefan** [SE/SE]; Tuvvägen 84, S–136 39 Haninge (SE).

(74) **PACESETTER AB**; Patent Dept., Att: Anders Holmberg, S–175 84 Järfälla (SE).

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

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(11) **WO 98/49778** (13) A1

(21) PCT/DE98/00850

(22) **23 Mar/mar 1998 (23.03.1998)**

(25) de (26) de

(31) 197 18 424.3 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H03M 13/00**

(54) • METHOD AND DEVICE FOR DETERMINING AT LEAST ONE DIGITAL SIGNAL VALUE FROM AN ELECTRIC SIGNAL
• PROCEDE ET DISPOSITIF POUR DETERMINER AU MOINS UNE VALEUR DE SIGNAL NUMERIQUE A PARTIR D'UN SIGNAL ELECTRIQUE

(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) **SCHÄFFLER, Stefan** [DE/DE]; Paul–Lincke–Strasse 15, D–86199 Augsburg (DE).

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

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(11) **WO 98/49779** (13) A1

(21) PCT/US98/08820

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,648 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 1/38, 1/06**

(54) • CONFIGURABLE SINGLE–CHIP TRANSCEIVER INTEGRATED CIRCUIT ARCHITECTURE
• ARCHITECTURE CONFIGURABLE DE CIRCUIT INTEGRE MONOPUCE D'EMISSION/RECEPTION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MEADOR, Richard, B.**; 10980 N.W. 26th Street, Sunrise, FL 33322 (US). **HANSEN, Kenneth, A.**; 8 Meadow Way, Round Rock, TX 78664 (US). **KEHLER, Walter, H.**; 3750 N.W. 116 Terrace, Sunrise, FL 33323 (US). **KURTZMAN, Gary, A.**; 13010 Huntwood Cove, Austin, TX 78729 (US). **ZELE, Rajesh, H.**; 9817 N.W. 9th Court, Plantation, FL 33324 (US).

(74) **FULLER, Andrew, S.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 8000 West Sunrise Boulevard, Fort Lauderdale, FL 33322 (US).

(81) AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG VN; AP (GH GM KE LS MW SD SZ UG ZW); 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 ML MR NE SN TD TG).

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(11) **WO 98/49780** (13) A2

(21) PCT/US98/08777

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/848,846 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 1/713, 7/216**

(54) • FREQUENCY HOPPING COMMUNICATION SYSTEM
• SYSTEME DE COMMUNICATION A SAUTS DE FREQUENCE

(71) **RAYTHEON COMPANY** [US/US]; Patent Dept., 141 Spring Street, Lexington, MA 02173 (US).

(72) **PEZZLO, John**; 5 Walkers Way, Framingham, MA 01701 (US). **BENNETT, C., Leonard**; 304 Reedy Meadow Road, Groton, MA 01450 (US). **SHAFFER, Harry, L.**; 55 Howard Avenue, Lynnfield, MA 01940 (US).

(74) **SHARKANSKY, Richard, M.**; 225 Franklin Street, Boston, MA 02110–2804 (US).

(81) AU CA IL JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49781** (13) A1

(21) PCT/US98/08919

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,449 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 1/713, 7/204, H04J 1/10**

(54) • REPEATER ASSISTED CHANNEL HOPPING SYSTEM AND METHOD THEREFOR
• SYSTEME DE SAUT DE CANAL ASSISTE PAR REPETITEUR ET PROCEDE ASSOCIE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **CADD, Jimmy, W.**; 9088 N.W. 25th Court, Coral Springs, FL 33065 (US).

(74) **FULLER, Andrew, S.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 8000 West Sunrise Boulevard, Fort Lauderdale, FL 33322 (US).

(81) BR CN DE GB KP MX NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49782** (13) A2

(21) PCT/IB98/00398

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 97201253.8 (32) **29 Apr/avr 1997 (29.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 3/04**

(54) • A WIRE BOUND TELECOMMUNICATIONS DEVICE AND A POWER SUPPLY CIRCUIT
• DISPOSITIF DE TELECOMMUNICATION PAR FIL ET CIRCUIT D'ALIMENTATION

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **SOREE, Johannes, J.**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL). **VAN LEEUWEN, Laurens, Cornelis**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **MAK, Theodorus, N.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49783** (13) A1

(21) PCT/US98/07608

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) en (26) en

(31) 08/847,137 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/00, H04J 3/16**

(54) • METHOD AND APPARATUS FOR CONSERVING ENERGY IN A RADIO COMMUNICATION SYSTEM
• PROCEDE ET APPAREIL DE CONSERVATION D'ENERGIE DANS UN SYSTEME DE RADIOCOMMUNICATIONS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **GRAHAM, Jerry, Lee**; 14254 Baldwin Mill Road, Baldwin, MD 21013 (US).

(74) **NICHOLS, Daniel, K.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1500 Gateway Boulevard, MS96, Boynton Beach, FL 33426–8292 (US).

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

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(11) **WO 98/49784** (13) A2

(21) PCT/FI98/00328

(22) **14 Apr/avr 1998 (14.04.1998)**

(25) fi (26) en

(31) 971569 (32) **14 Apr/avr 1997 (14.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/005**

(54) • PROCEDURE AND SYSTEM FOR LIMITING THE POWER OF A MOBILE STATION
• PROCEDE ET APPAREIL POUR REDUIRE LA PUISSANCE D'EMISSION D'UNE STATION MOBILE

(71) **TELECOM FINLAND OY** [FI/FI]; Sturenkatu 16, FIN–00510 Helsinki (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOKKANEN, Tuomo** [FI/FI]; Strömsinlahdenkuja 2 A 13, FIN–00820 Helsinki (FI).

(74) **PAPULA REIN LAHTELA OY**; Fredrikinkatu 61 A, P.O. Box 981, FIN–00101 Helsinki (FI).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49785** (13) A1

(21) PCT/US98/06370

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/842,993 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/005**

(54) • METHOD OF AND APPARATUS FOR CONTROLLING TRANSMISSION POWER IN A COMMUNICATION SYSTEM
• PROCEDE ET DISPOSITIF DE COMMANDE DE LA PUISSANCE D'EMISSION DANS UN SYSTEME DE COMMUNICATION

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **TIEDEMANN, Edward, G., Jr.**; 4350 Bromfield Avenue, San Diego, CA 92122 (US). **SAINTS, Keith, W.**; Apartment 4212, 7160 Shoreline Drive, San Diego, CA 92122 (US).

(74) **MILLER, Russell, B.**; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49786** (13) A2

(21) PCT/US98/08603

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/850,027 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/08, 7/005**

(54) • ADAPTIVE COMMUNICATION SYSTEM AND METHOD USING UNEQUAL WEIGHTING OF INTERFERENCE AND NOISE
• SYSTEME ET PROCEDE DE TELECOMMUNICATIONS ADAPTATIF UTILISANT UNE PONDERATION INEGALE DU BROUILLAGE ET DU BRUIT

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013–2412 (US). **LUCENT TECHNOLOGIES INC.** [US/US]; 600 Mountain Avenue, P.O. Box 636, Murray Hill, NJ 07974 (US).

(72) **GOLDEN, Glenn, David**; 868 Brook Road, Boulder, CO 80302 (US). **MARTIN, Carol, Catalano**; 12 Pine Cove Road, Fair Haven, NJ 07704 (US). **SOLLENBERGER, Nelson, Ray**; 22 Green Meadow Drive, Tinton Falls, NJ 07724 (US). **WINTERS, Jack, Harriman**; 1804 Knollwood Drive, Middletown, NJ 07748 (US).

(74) **DWORETSKY, Samuel, H.**; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

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(11) **WO 98/49787** (13) A1

(21) PCT/US98/05914

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) en (26) en

(31) 08/840,370 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/15**

(54) • A SYSTEM FOR GENERATING AND USING GLOBAL RADIO FREQUENCY MAPS
• SYSTEME PERMETTANT DE PRODUIRE ET D'UTILISER DES CARTES MONDIALES DE FREQUENCES RADIOELECTRIQUES

(71) **GLOBALSTAR L.P.** [US/US]; 3200 Zanker Road, San Jose, CA 95134 (US).

(72) **WIEDEMAN, Robert, A.**; 1735 Mora Court, Los Altos, CA 94074 (US). **GALLAGHER, Vijaya, K.**; 1021 Harlan Drive, San Jose, CA 95128 (US). **SERRI, John, A.**; 20385 Knollwood Drive, Saratoga, CA 95070 (US).

(74) **GREEN, Clarence, A.**; Perman & Green, LLP, 425 Post Road, Fairfield, CT 06430 (US).

(81) AU BR MX RU SG UA.

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(11) **WO 98/49788** (13) A1

(21) PCT/US98/06326

(22) **31 Mar/mar 1998 (31.03.1998)**

(25) en (26) en

(31) 08/847,134 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/185, 1/16, H04Q 7/00, 1/00, 7/26, 7/06**

(54) • METHOD AND APPARATUS FOR CONSERVING ENERGY IN A SELECTIVE CALL RECEIVER
• PROCEDE ET DISPOSITIF PERMETTANT D'ECONOMISER L'ENERGIE DANS DES RECEPTEURS D'APPEL SELECTIFS

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SNOWDEN, Gregory, O.**; 7200 N.W. 2nd Avenue, Boynton Beach, FL 33487 (US). **SMITH, Patrick, O.**; 26900 Clarksburg Road, Damastus, MD 20872–1553 (US).

(74) **NICHOLS, Daniel, K.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1500 Gateway Boulevard – MS96, Boynton Beach, FL 33426–8292 (US).

(81) BR CA CN JP KR MX RU VN; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(22) **8 Apr/avr 1998 (08.04.1998)**

(25) en (26) en

(31) 08/845,487 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/185**

(54) • COMMUNICATIONS BLOCKAGE ENVIRONMENT RESPONSE METHOD AND APPARATUS
• PROCEDE ET DISPOSITIF DE REPONSE A UN ENVIRONNEMENT DE BLOCAGE DES COMMUNICATIONS

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IBANEZ–MEIER, Rodrigo** [US/US]; 3650 S. Vista Place, Chandler, AZ 85248 (US). **TURCOTTE, Randy, Lee** [US/US]; 1329 E. La-Viene Lane, Tempe, AZ 85284 (US). **ASTROM, Richard, Lawrence** [US/US]; 532 S. Lagoon Drive, Gilbert, AZ 85233 (US). **AGRUIRRE, Sergio** [US/US]; 2701 Plantation Oaks Drive, Trophy Club, TX 76262 (US).

(74) **INGRASSIA, Vincent, B.** et al. / etc.; Motorola Inc., Intellectual Property Dept., P.O. Box 10219 M, Scottsdale, AZ 85271–0219 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49790** (13) A1

(21) PCT/US98/05289

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 08/846,767 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/216, H04J 13/00**

(54) • METHOD AND APPARATUS FOR TRANSMISSION AND RECEPTION OF A TRANSMISSION RATE IN A CDMA COMMUNICATION SYSTEM
• PROCEDE ET DISPOSITIF D'EMISSION ET DE RECEPTION D'UN DEBIT DE TRANSMISSION DANS UN SYSTEME DE COMMUNICATION AMDC

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **BRUCKERT, Eugene, J.**; 203 W. Noyes, Arlington Heights, IL 60006 (US). **SEXTON, Thomas, A.**; 8409 Wind Cave Court, Fort Worth, TX 76137 (US).

(74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : *(c)*

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(11) **WO 98/49791** (13) A1

(21) PCT/US98/06110

(22) **27 Mar/mar 1998 (27.03.1998)**

(25) en (26) en

(31) 08/841,168 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 7/26**

(54) • SECONDARY CHANNEL FOR RADIO FREQUENCY COMMUNICATIONS
• CANAL SECONDAIRE POUR COMMUNICATIONS A FREQUENCE RADIOELECTRIQUE

(71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088–3453 (US).

(72) **MAGANA, Javier, V.**; 12300 Wycliff Lane, Austin, TX 78727 (US).

(74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, M/S 562, Austin, TX 78741 (US).

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

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(11) **WO 98/49792** (13) A1

(21) PCT/JP98/01808

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) ja (26) ja

(31) 9/109904 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04B 10/04, 10/14**

(54) • OPTICAL TRANSMITTER
• EMETTEUR OPTIQUE

(71) **THE FURUKAWA ELECTRIC CO., LTD.** [JP/JP]; 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KUROTORI, Katsuya** [JP/JP]; The Furukuwa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP). **OGOSHI, Haruki** [JP/JP]; The Furukawa Electric Co., Ltd., 6–1, Marunouchi 2–chome, Chiyoda–ku, Tokyo 100–0005 (JP).

(74) **KOBAYASHI, Masaharu**; Daiichi Azuma Building, 4–5, Iwamotocho 3–chome, Chiyoda–ku, Tokyo 101–0032 (JP).

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

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(11) **WO 98/49793** (13) A1

(21) PCT/US98/02431

(22) **10 Feb/fév 1998 (10.02.1998)**

(25) en (26) en

(31) 08/845,293 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04J 1/16, 3/14**

(54) • METHOD AND APPARATUS FOR PROVIDING SYNCHRONIZATION DURING TRANSCODER SWITCHING IN A COMMUNICATION SYSTEM
• PROCEDE ET APPAREIL DE SYNCHRONISATION PENDANT LA COMMUTATION D'UN TRANSCODEUR DANS UN SYSTEME DE COMMUNICATION

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **LIN, Harn–Jier**; 1442 Nutmeg Court, Bartlett, IL 60103 (US).

(74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR CA CN JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49794** (13) A2

(21) PCT/SE98/00801

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 9701668–7 (32) **30 Apr/avr 1997 (30.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04J 14/02**

(54) • LOW LOSS, OPTICAL ADD/DROP WDM NODE
• NOEUD OPTIQUE DE MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE D'ADDITION ET D'EXTRACTION A PERTE BASSE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON(publ)** [SE/SE]; S–126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SUNDELIN, Magnus** [SE/SE]; Rörstrandsgatan 56A, S–113 33 Stockholm (SE).

(74) **LINDÉN, Stefan** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S–118 93 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49795** (13) A1

(21) PCT/US98/08262

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,086 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04J 14/02**

(54) • OPTICAL ADD–DROP MULTIPLEXERS COMPATIBLE WITH VERY DENSE WDM OPTICAL COMMUNICATION SYSTEMS
• MULTIPLEXEURS OPTIQUES D'INSERTION–EXTRACTION COMPATIBLES AVEC DES SYSTEMES TRES DENSES DE COMMUNICATION OPTIQUE A MULTIPLEXAGE PAR REPARTITION EN LONGUEUR D'ONDE (MRL)

(71) **CIENA CORPORATION** [US/US]; Legal Dept., 920 Elkridge Landing Road, Linthicum, MD 21090 (US).

(72) **MIZRAHI, Victor**; 5837 Wyndham Circle #202, Columbia, MD 21044 (US).

(74) **WOOLSTON, Thomas, G.** et al. / etc.; Fish & Richardson P.C., 601 Thirteenth Street, N.W., Washington, DC 20005 (US).

(81) AU CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49796** (13) A2

(21) PCT/FI98/00364

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 971811 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L**

(54) • METHOD FOR TRANSMITTING PACKET SWITCHED DATA IN A MOBILE COMMUNICATIONS SYSTEM
• PROCEDE DE TRANSMISSION DE DONNEES A COMMUTATION PAR PAQUET DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) **NOKIA MOBILE PHONES LTD.** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAITOLA, Mika** [FI/FI]; Nissnikuntie 7 B 5, FIN–02430 Masala (FI). **HÄKKINEN, Hannu** [FI/FI]; Taavinharju 18 A 2, FIN–02180 Espoo (FI). **SALONAHO, Oscar** [FI/FI]; Oksasenkatu 4, FIN–00100 Helsinki (FI). **RINNE, Mikko, J.** [FI/FI]; Tallbergin puistotie 1 C 25, FIN–00200 Helsinki (FI). **AHMAVAARA, Kalle** [FI/FI]; Ruostekuja 3 D 24, FIN–01610 Vantaa (FI).

(74) **PATENTTITOIMISTO TEKNOPOLIS KOLSTER OY**; c/o Kolster Oy Ab, Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49797** (13) A2

(21) PCT/FI98/00365

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 971810 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L**

(54) • METHOD FOR TRANSMITTING PACKET SWITCHED DATA IN A MOBILE COMMUNICATIONS SYSTEM
• PROCEDE DE TRANSMISSION DE DONNEES A COMMUTATION PAR PAQUET DANS UN SYSTEME DE COMMUNICATION MOBILE

(71) **NOKIA MOBILE PHONES LTD** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RAITOLA, Mika** [FI/FI]; Nissnikuntie 7 B 5, FIN–02430 Masala (FI). **HÄKKINEN, Hannu** [FI/FI]; Taavinharju 18 A 2, FIN–02180 Espoo (FI). **SALONAHO, Oscar** [FI/FI]; Oksasenkatu 4, FIN–00100 Helsinki (FI). **RINNE, Mikko, J.** [FI/FI]; Tallbergin puistotie 1 C 25, FIN–00200 Helsinki (FI). **AHMAVAARA, Kalle** [FI/FI]; Ruostekuja 3 D 24, FIN–01610 Vantaa (FI).

(74) **PATENTTITOIMISTO TEKNOPOLIS KOLSTER OY**; c/o Kolster OY AB, Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49798** (13) A2

(21) PCT/US98/08796

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,038 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L**

(54) • FORWARDING MECHANISM FOR MULTI–DESTINATION PACKETS TO MINIMIZE PER PACKET SCHEDULING OVERHEAD IN A NETWORK FORWARDING ENGINE
• MECANISME D'ACHEMINEMENT POUR PAQUETS MULTIDESTINATION, DESTINE A REDUIRE A UN MINIMUM L'EN–TETE D'ORDONNANCEMENT PAR PAQUET DANS UNE MACHINE D'ACHEMINEMENT D'UN RESEAU

(71) **3COM CORPORATION** [US/US]; 5400 Bayfront Plaza, Santa Clara, CA 95052–8145 (US).

(72) **SODDER, Arnold, N.**; 44 Oak Cliff Road, Newtonville, MA 02160 (US).

(74) **LEBOVICI, Victor, B.** et al. / etc.; Weingarten, Schurgin, Gagnebin & Hayes LLP, Ten Post Office Square, Boston, MA 02109 (US).

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

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(11) **WO 98/49799** (13) A2

(21) PCT/DE98/01139

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 641.0 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 1/00**

(54) • METHOD FOR TRANSMITTING DATA SECURELY IN THE SYNCHRONOUS DIGITAL HIERARCHY
• PROCEDE DE TRANSMISSION SURE DE DONNEES DANS DES SYSTEMES DE TRANSMISSION SYNCHRONES

(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) **BURGMEIER, Jürgen** [DE/DE]; Berteles-trasse 51, D–81479 München (DE). **STUMMER, Baldur** [AT/DE]; Wilhelm–Kuhnert–Strasse 21, D–81543 München (DE).

(81) AU CN RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49800** (13) A1

(21) PCT/SE98/00753

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/846,630 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 1/12, 1/20**

(54) • ESTIMATION OF RADIO CHANNEL BIT ERROR RATE IN A DIGITAL RADIO TELECOMMUNICATIONS NETWORK
• EVALUATION DU TAUX D'ERREURS SUR LES BITS SUR UN CANAL RADIO DANS UN RESEAU DE RADIOTELECOMMUNICATIONS NUMERIQUE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S–126 25 Stockholm (SE).

(72) **LABONTE, Sylvain**; 380 St–Bruno de Montarville, Quebec J3V 2S7 (CA). **TURCOTTE, Eric**; 460 Abelard 1B, Verdun, Quebec H3E 1B5 (CA).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S–164 80 Stockholm (SE).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49801** (13) A1

(21) PCT/DE98/01015

(22) **8 Apr/avr 1998 (08.04.1998)**

(25) de (26) de

(31) 197 17 642.9 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 7/033, 7/04, 1/20**

(54) • METHOD FOR REGENERATING DATA
• PROCEDE DE REGENERATION DE DONNEES

(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) **BURGMEIER, Jürgen** [DE/DE]; Bertelestrasse 51, D–81479 München (DE). **STUMMER, Baldur** [AT/DE]; Wilhelm–Kuhnert–Strasse 21, D–81543 München (DE).

(81) BR CN RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49802** (13) A1

(21) PCT/DE98/01138

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) de (26) de

(31) 197 17 585.6 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 7/033, H03L 7/081**

(54) • PROGRAMMABLE PHASE ADJUSTMENT
• DISPOSITIF D'ADAPTATION DE PHASE PROGRAMMABLE

(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) **GLÄSER, Winfried** [DE/DE]; Seilergasse 56, D–85570 Markt Schwaben (DE). **MÜLLER, Rudi** [DE/DE]; Von–Branca–Strasse 35, D–82194 Gröbenzell (DE).

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

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(11) **WO 98/49803** (13) A1

(21) PCT/US98/08207

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/845,803 (32) **25 Apr/avr 1997** (33) US **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 9/00**

(54) • DATA INTEGRITY AND AUTHENTICATION DEVICE AND METHOD
• DISPOSITIF D'AUTHENTIFICATION ET DE MAINTIEN D'INTEGRITE DE DONNEES ET TECHNIQUE AFFERENTE

(71, 72) **LIU, Zunquan** [CN/US]; 3500 Pennsylvania Avenue #107, Fremont, CA 94536 (US).

(74) **YAU, Philip** et al. / etc.; Majestic, Parsons, Siebert & Hsue P.C., Four Embarcadero Center, Suite 1100, San Francisco, CA 94111–4106 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49804** (13) A1

(21) PCT/US98/08299

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/842,080 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 9/30**

(54) • OPTIMAL–RESILIENCE, PROACTIVE, PUBLIC–KEY CRYPTOGRAPHIC SYSTEM AND METHOD
• PROCEDE ET SYSTEME DE CRYPTOGRAPHIE A CLE PUBLIQUE PROACTIF, A RESILIENCE OPTIMALE

(63) US 08/842,080 (CIP)
28 Apr/avr 1997 (28.04.1997)

(71) **CERTCO LLC** [US/US]; 22nd floor, 55 Broad Street, New York, NY 10004 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRANKEL, Yair** [US/US]; 64 Pomander Walk, Ridgewood, NJ 07450 (US). **YUNG, Marcel, M.** [IL/US]; 605 West 112th Street, New York, NY 10025 (US).

(74) **HUANG, Stuart, T., F.** et al. / etc.; Steptoe & Johnson, LLP, 1330 Connecticut Avenue, N.W., Washington, DC 20036 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49805** (13) A1

(21) PCT/EP98/02273

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 1005912 (32) **25 Apr/avr 1997** (33) NL **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 9/32**

(54) • KEY DISTRIBUTION SYSTEM
• SYSTEME DE DISTRIBUTION DE CLES

(71) **KONINKLIJKE PTT NEDERLAND N.V.** [NL/NL]; Stationsplein 7, NL–9726 AE Groningen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **QUAK, Jacobus, Theodores, Willem** [NL/NL]; Rembrandtkade 22, NL–3583 TW Utrecht (NL). **KLEINHUIS, Geert** [NL/NL]; Mindertfaen 1, NL–9264 TX Eernewoude (NL). **DE BOER, Marten** [NL/NL]; De Wiek 19, NL–9285 VD Buitenpost (NL).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49806** (13) A2

(21) PCT/EP98/02204

(22) **15 Apr/avr 1998 (15.04.1998)**

(25) de (26) de

(31) 197 17 948.7 (32) **29 Apr/avr 1997** (33) DE **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 12/00**

(54) • METHOD FOR TRANSFERRING INFORMATION
• PROCEDE POUR TRANSMETTRE DES INFORMATIONS

(71) **DEUTSCHE TELEKOM AG** [DE/DE]; Friedrich–Ebert–Allee 140, D–53113 Bonn (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DASSOW, Heiko** [DE/DE]; Gartenstrasse 4, D–64347 Griesheim (DE). **FROHNHOFF, Birgit** [DE/DE]; Pupinweg 26, D–64295 Darmstadt (DE). **TERLINDE, Egbert** [DE/DE]; Ludwigstrasse 7, D–64390 Erzhausen (DE).

(81) AU CA JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/49807** (13) A1

(21) PCT/JP98/01876

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) ja (26) ja

(31) 9/112466 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 12/28, 12/44**

(54) • BUS CONTROL DEVICE AND INFORMATION PROCESSING SYSTEM
• DISPOSITIF DE COMMANDE DE BUS ET SYSTEME DE TRAITEMENT DE L'INFORMATION

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 100–8220 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ISONO, Soichi** [JP/JP]; 17–12, Yutakacho, Sagamihara–shi, Kanagawa 229–0805 (JP). **OGAWA, Hitoshi** [JP/JP]; 117–50, Sachigaoka, Asahi–ku, Yokohama–shi, Kanagawa 241–0822 (JP). **YAMAMOTO, Katsumi** [JP/JP]; 7–3, Higashitokura 1–chome, Kokubunji–shi, Tokyo 185–0002 (JP).

(74) **ASAMURA, Kiyoshi** et al. / etc.; Room 331, New Ohtemachi Building, 2–1, Ohtemachi 2–chome, Chiyoda–ku, Tokyo 100–0004 (JP).

(81) CN KR SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49808** (13) A1

(21) PCT/JP98/01995

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) ja (26) ja

(31) 9/126355 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 12/40**

(54) • DEVICE AND METHOD FOR TRANSMITTING DIGITAL DATA
• DISPOSITIF ET PROCEDE POUR LA TRANSMISSION DE DONNEES NUMERIQUES

(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) **NAKAMURA, Akira** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **OHKAWA, Sumihiro** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **TAKIDUKA, Hiroshi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP).

(74) **KOIKE, Akira** et al. / etc.; No. 11 Mori Building, 6–4, Toranomon 2–chome, Minato–ku, Tokyo 105–0001 (JP).

(81) CA CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49809** (13) A2

(21) PCT/US98/08648

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/846,961 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 12/66**

(54) • SWITCHLESS CALL PROCESSING
• TRAITEMENT D'APPEL SANS COMMUTATION

(71) **INTERVOICE LIMITED PARTNERSHIP** [US/US]; Suite 130, 1325 Airmotive Way, Reno, NV 39502 (US).

(72) **CAVE, Ellis, K.**; 5106 Durango Drive, Garland, TX 75043 (US).

(74) **TANNENBAUM, David, H.** et al. / etc.; Fulbright & Jaworski L.L.P., Suite 2800, 2200 Ross Avenue, Dallas, TX 75201 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49810** (13) A2

(21) PCT/US98/08668

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/850,401 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 12/66**

(54) • DATA STORAGE AND/OR RETRIEVAL METHODS AND APPARATUSES AND COMPONENTS THEREOF
• PROCEDES ET APPAREILS DE STOCKAGE ET/OU RECUPERATION DE DONNEES ET LEURS COMPOSANTS

(71, 72) **FISKE, Orlo, James** [US/US]; 122 Benicia Way, Oxnard, CA 93033 (US).

(74) **PICCIONELLI, Greg**; Brull & Piccionelli, 20th floor, 1901 Avenue of the Stars, Los Angeles, CA 90067 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49811** (13) A2

(21) PCT/DE98/00893

(22) **27 Mar/mar 1998 (27.03.1998)**

(25) de (26) de

(31) 197 17 643.7 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 25/06, H03L 7/08, 7/089, H04L 7/02**

(54) • METHOD AND DEVICE FOR REGULATING THE DECISION THRESHOLD AND SAMPLING POINT OF A DATA REGENERATOR
• PROCEDE ET DISPOSITIF POUR REGLER LE SEUIL DE DECISION ET L'INSTANT D'ECHANTILLONNAGE D'UN REGENERATEUR DE DONNEES

(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) **MÜLLNER, Ernst** [DE/DE]; Rambertweg 11, D–80995 München (DE). **HOFSCHEN, Stefan** [DE/DE]; Bachstrasse 34, D–82541 Münsing (DE).

(81) BR CN RU US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49812** (13) A1

(21) PCT/JP97/01455

(22) **25 Apr/avr 1997 (25.04.1997)**

(25) ja (26) ja

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 27/12, 27/20**

(54) • MODULATION CIRCUIT AND RADIO TERMINAL
• CIRCUIT DE MODULATION ET TERMINAL RADIO

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4–chome, Chiyoda–ku, Tokyo 101 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FURUKAWA, Katsuhiro** [JP/JP]; 475–4, Yugimachi 2–chome, Oume–shi, Tokyo 198 (JP). **KOBAYASHI, Yoichiro** [JP/JP]; Room 405, Sanraizu Itou, 10–3, Kabemachi 10–chome, Oume–shi, Tokyo 198 (JP).

(74) **TAMAMURA, Shizuyo**; Room 209, Kosumo Matsudo Station Square, 1333–1, Matsudo, Matsudo–shi, Chiba 271 (JP).

(81) CN JP KR SG US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49813** (13) A1

(21) PCT/US98/08017

(22) **21 Apr/avr 1998 (21.04.1998)**

(25) en (26) en

(31) 08/845,670 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04L 29/06, G06K 5/00, G06F 17/30**

(54) • DESTINATION WEBSITE ACCESS AND INFORMATION GATHERING SYSTEM
• SYSTEME D'ACCES A UN SITE WEB DE DESTINATION ET DE COLLECTE D'INFORMATIONS

(71, 72) **PARRY, Rhys, Evan** [US/US]; 680 Cherokee Avenue, St. Paul, MN 55107 (US).

(74) **JENSEN, Roger, W.**; 8127 Pennsylvania Circle, Minneapolis, MN 55438 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49814** (13) A1

(21) PCT/KR98/00102

(22) **25 Apr/avr 1998 (25.04.1998)**

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(31) 1997/15756 (32) **26 Apr/avr 1997 (26.04.1997)** (33) KR

(31) 1997/15757 (32) **26 Apr/avr 1997 (26.04.1997)** (33) KR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 1/00**

(54) • MICROPHONE CONNECTING DEVICE FOR FLIP TYPE PORTABLE TELEPHONE
• DISPOSITIF DE CONNEXION DE MICROPHONE POUR TELEPHONE PORTATIF DU TYPE RABATTABLE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan–dong, Paldal–gu, Suwon–shi, Kyungki–do 442–370 (KR).

(72) **JEONG, Byeong–Ro**; Mokdong Apt. #1034–504, Mok–dong, Yangchon–gu, Seoul 158–050 (KR). **YI, Young–Jin**; 57–16, Chongdam–dong, Kangnam–gu, Seoul 135–100 (KR). **GO, Sung–Soo**; Jugong Apt. #207–203, Kaepo 2–dong, Kangnam–gu, Seoul 135–242 (KR). **RYU, Seong–Ho**; 129–1, Uman–dong, Paldal–gu, Suwon–shi, Kyonggi–do 442–190 (KR).

(74) **LEE, Keon, Joo**; Mihwa Building 110–2, Myongryun–dong, 4–Ga, Chongro–gu, Seoul 110–524 (KR).

(81) BR CN IL JP RU; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49815** (13) A1

(21) PCT/SE98/00778

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/845,937 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 1/00**

(54) • APPARATUS ENABLING USAGE OF EXTERNAL DISPLAY MONITOR WITH A MOBILE TELEPHONE
• DISPOSITIF PERMETTANT D'UTILISER UN ECRAN D'AFFICHAGE EXTERNE A L'AIDE D'UN TELEPHONE MOBILE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S–126 25 Stockholm (SE).

(72) **TRYDING, Sven**; Nehrmans väg 26, S–224 60 Lund (SE).

(74) **ERICSSON MOBILE COMMUNICATIONS AB**; Patent Unit, S–164 80 Stockholm (SE).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49816** (13) A1

(21) PCT/US98/08344

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,851 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 1/00, 1/72**

(54) • COMMUNICATION TERMINAL APPARATUS AND METHOD FOR SELECTING OPTIONS USING A DIAL SHUTTLE
• APPAREIL TERMINAL DE COMMUNICATION ET PROCEDE DE SELECTION D'OPTIONS AU MOYEN D'UN BOUTON–NAVETTE

(71) **SONY ELECTRONICS, INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656–8003 (US).

(72) **YAMAGISHI, Harumi**; 5215 Fiore Terrace, A417, San Diego, CA 92122 (US). **KENAGY, Jason**; 7529 Herschel Avenue #2, La Jolla, CA 92037 (US).

(74) **FROMMER, William, S.**; Frommer Lawrence & Haug LLP, 745 Fifth Avenue, New York, NY 10151 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49817** (13) A1

(21) PCT/SE98/00796

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9701645–5 (32) **30 Apr/avr 1997 (30.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 1/66, 3/38**

(54) • AUTOMATIC SERVICE REGISTRATION
• INSCRIPTION A UN SERVICE AUTOMATIQUE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LJUNGQVIST, Per** [SE/SE]; Ulvsbybacken Solhem, S–655 93 Karlstad (SE).

(74) **BERGENTALL, Annika**; Cegumark AB, P.O. Box 53047, S–400 14 Göteborg (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49818** (13) A1

(21) PCT/SE98/00779

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/845,938 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 1/72**

(54) • COMBINED MOBILE TELEPHONE AND REMOTE CONTROL TERMINAL
• TELEPHONE MOBILE ET TERMINAL DE TELECOMMANDE COMBINES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **RUNDQWIST, Anna–Karin**; Flygelvägen 103, S–224 72 Lund (SE). **PETTERSSON, Mats**; Sofiavägen 5B, S–222 41 Lund (SE). **GÄRDENFORS, Torbjörn**; Kornettsgatan 24A, S–211 50 Malmö (SE).

(74) **ERICSSON MOBILE COMMUNICATIONS AB**; Patent Unit, S–164 80 Stockholm (SE).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49819** (13) A1

(21) PCT/SE98/00701

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) en (26) en

(31) 9701642–2 (32) **30 Apr/avr 1997 (30.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 3/42, H04L 21/16**

(54) • A METHOD AND A SYSTEM FOR USE IN A TELECOMMUNICATION NETWORK
• PROCEDE ET SYSTEME DESTINES A ETRE UTILISES DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S–126 25 Stockholm (SE). **TELIA AB (publ)** [SE/SE]; S–123 86 Farsta (SE). **KONINKLYKE PTT NEDERLAND N.V.** [NL/NL]; P.O. Box 95321, NL–2509 CH Den Haag (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KHELLO, Robert** [SE/SE]; Storskiftesvägen 24, S–145 60 Norsborg (SE). **GRAF, Leslie** [AU/AU]; 3 Hender Court, Balwyn, Melbourne, VIC 3103 (AU). **BOMAN, Rune** [SE/SE]; Svartbäckens by 252, S–136 59 Haninge (SE). **VEENSTRA, Pieter** [NL/NL]; P.O. Box 30150, NL–2500 GD Den Haag (NL).

(74) **LARFELDT, H.** et al. / etc.; Bergenstråhle & Lindvall AB, P.O. Box 17704, S–118 93 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49820** (13) A2

(21) PCT/US98/08354

(22) **27 Apr/avr 1998 (27.04.1998)**

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(31) 08/846,576 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 3/42, H04Q 3/00, H04M 3/36**

(54) • SYSTEM AND METHOD FOR RECORDING TRANSACTIONS
• SYSTEME ET PROCEDE D'ENREGISTREMENT DE TRANSACTIONS

(71) **BELLSOUTH CORPORATION** [US/US]; 1155 Peachtree Street, N.E., Atlanta, GA 30309 (US).

(72) **VELAMURI, Syama, S.**; 1508 Lake Ridge Lane, Dunwoody, GA 30083 (US). **TORBERT, Julia**; 4531 Cherie Glen Trail, Stone Mountain, GA 30083 (US). **NIMMAGADDA, Prasad**; 514 Maudlin Drive, Norcross, GA 30071 (US).

(74) **OZAKI, Brenda, M.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49821** (13) A1

(21) PCT/US98/08402

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/848,167 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 3/42**

(54) • METHODS AND APPARATUS FOR CREATING AUTOMATED SERVERS FOR DISPLAY TELEPHONES
• PROCEDE ET DISPOSITIF DE CREATION DE SERVEURS AUTOMATISES POUR DES TELEPHONES A ECRAN

(71) **GLOBAL ADSI SOLUTIONS, INC.** [US/US]; Suite 103, 100 Campus Drive, Morganville, NJ 07751 (US).

(72) **LIN, Steve, Min–Chou**; 21 Brown Court, East Brunswick, NJ 08816 (US). **LIN, Chi–To**; 338 Crawford Street, Shrewsbury, NJ 07724 (US).

(74) **SAVAGE, Michael, G.** et al. / etc.; Burns, Doane, Swecker & Mathis L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(22) **28 Apr/avr 1998 (28.04.1998)**

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(31) 08/845,940 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 3/42, 3/50**

(54) • GENERATING A DISTINCTIVE RING TONE FOR A CALLING PARTY SUBSCRIBER WITHIN A TELECOMMUNICATIONS NETWORK
• PRODUCTION D'UNE TONALITE D'APPEL DISTINCTE POUR UN ABONNE APPELANT DANS UN RESEAU DE TELECOMMUNICATIONS

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **BIRZE, Michael, J.**; 2716 Countess Drive, Plano, TX 75074 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49823** (13) A1

(21) PCT/FR98/00856

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) fr (26) fr

(31) 97/05232 (32) **28 Apr/avr 1997 (28.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 11/00**

(54) • PRINTER FOR DATA TRANSFER SYSTEM WITH VOICE SERVER AND VOICE SERVER SYSTEM COMPRISING SUCH PRINTERS
• IMPRIMANTE POUR SYSTEME DE TRANSFERT D'INFORMATIONS DE TYPE A SERVEUR VOCAL ET SYSTEME A SERVEUR VOCAL COMPORTANT DE TELLES IMPRIMANTES

(71) **INVESTIX S.A.** [FR/FR]; 63, rue de Provence, F–75009 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARDANT, Patrick** [FR/FR]; 12, rue du Commandant Rivière, F–75008 Paris (FR). **PIERRE–FRANCOIS, Pascal** [FR/FR]; 18, rue de la Gare, F–91180 Saint–Germain–Les–Arpajon (FR).

(74) **MARTIN, Jean–Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F–75116 Paris (FR).

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

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(11) **WO 98/49824** (13) A1

(21) PCT/US98/08151

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/850,275 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 11/04, H02J 1/00, H01H 35/00**

(54) • CONTROL SYSTEM INCLUDING CIRCUITRY TO DETERMINE A POWER STATE
• SYSTEME DE COMMANDE COMPRENANT DES CIRCUITS, CONÇU POUR DETERMINER L'ETAT DE PUISSANCE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).

(72) **CONNELLY, Jay**; 4415 N.W. Kahneeta Drive, Portland, OR 97229 (US). **MCARTHUR, Kelly**; 5860 S.W. 18th, Portland, OR 97201 (US).

(74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 17th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49825** (13) A1

(21) PCT/FI98/00289

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) fi (26) en

(31) 971621 (32) **16 Apr/avr 1997 (16.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 15/00**

(54) • EXTRACTION OF DESIRED DATA FROM DATA FLOW
• EXTRACTION DE DONNEES SOUHAITEES DEPUIS UN FLUX DE DONNEES

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JÄRVI, Jukka** [FI/FI]; Kotirinteentie 8, FIN–41120 Puuppola (FI). **POIKOLAINEN, Kimmo** [FI/FI]; Siiantie 3, FIN–44120 Äänekoski (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN–00511 Helsinki (FI).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49826** (13) A1

(21) PCT/SE98/00604

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) sv (26) en

(31) 9701584–6 (32) **28 Apr/avr 1997 (28.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 15/00, 3/42, 3/54**

(54) • A METHOD RELATING TO TELEPHONE COMMUNICATIONS THAT INCLUDE THE TRANSMISSION OF ADVERTISING MESSAGES
• PROCEDE RELATIF AUX COMMUNICATIONS TELEPHONIQUES CONTENANT L'EMISSION DE MESSAGES PUBLICITAIRES

(71) **GRATISTELEFON SVENSKA AB** [SE/SE]; Gjörwellsgatan 22, S–112 60 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANDER, Carl** [SE/SE]; Ragnaröksvägen 9, S–182 64 Djursholm (SE).

(74) **ÖRTENBLAD, Bertil** et al. / etc.; Noréns Patentbyrå AB, P.O. Box 10198, S–100 55 Stockholm (SE).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49827** (13) A1

(21) PCT/FR98/00810

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) fr (26) fr

(31) 97/05144 (32) **25 Apr/avr 1997 (25.04.1997)** (33) FR

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04M 17/00, 15/28, 19/08, 1/66**

(54) • MOBILE RADIOTELEPHONE METHOD AND SYSTEM AND TERMINAL USED IN SUCH A SYSTEM
• PROCEDE ET SYSTEME DE RADIO TELEPHONE MOBILE ET TERMINAL UTILISABLE DANS UN TEL SYSTEM

(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) **BALBI, Dominique** [FR/FR]; 31, avenue de Savoye, F–92270 Bois–Colombes (FR).

(74) **FORT, Jacques**; Cabinet Plasseraud, 84, rue d'Amsterdam, F–75440 Paris Cedex 09 (FR).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49828** (13) A2

(21) PCT/IB98/00323

(22) **12 Mar/mar 1998 (12.03.1998)**

(25) en (26) en

(31) 97201127.4 (32) **16 Apr/avr 1997 (16.04.1997)** (33) EP

(34) AT et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N**

(54) • SYNCHRONOUS SIGMA–DELTA MODULATOR
• MODULATEUR SIGMA–DELTA SYNCHRONE

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

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **ROZA, Engel**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **KOOIMAN, Josephus, J., A.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(11) **WO 98/49829** (13) A1

(21) PCT/US98/07221

(22) **10 Apr/avr 1998 (10.04.1998)**

(25) en (26) en

(31) 08/846,342 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 3/233, 3/223**

(54) • CHARGE CONTROLLED RASTER CORRECTION CIRCUIT
• CIRCUIT DE CORRECTION DE TRAME COMMANDE PAR LA CHARGE

(71) **RCA THOMSON LICENSING CORPORATION** [US/US]; Two Independence Way, Princeton, NJ 08540 (US).

(72) **HAFERL, Peter, Eduard**; Feldblumenstrasse 20, CH–8134 Adliswil (CH). **WEBER, Rudolf**; Albisstrasse 116, CH–8134 Adliswil (CH).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49830** (13) A2

(21) PCT/IB98/00424

(22) **23 Mar/mar 1998 (23.03.1998)**

(25) en (26) en

(31) 97400944.1 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) FR et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 5/14**

(54) • METHOD OF ESTIMATION OF MOTION BETWEEN IMAGES
• PROCEDE D'ESTIMATION DU DEPLACEMENT ENTRE IMAGES

(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)

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72, 75) **JEANNIN, Sylvie** [FR/FR]; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **LANDOUSY, Christian**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

(81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49831** (13) A1

(21) PCT/US98/07251

(22) **9 Apr/avr 1998 (09.04.1998)**

(25) en (26) en

(31) 08/841,176 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 5/74, H01J 29/89**

(54) • ELASTOMER LINED CRT–TO–LENS COUPLER
• COUPLEUR TUBE CATHODIQUE–LENTILLE RECOUVERT D'ELASTOMERE

(71) **THOMSON CONSUMER ELECTRONICS, INC.** [US/US]; 10330 North Meridian Street, Indianapolis, IN 46290–1024 (US).

(72) **DUGGAN, Scott, Joseph**; 12115 Kingfisher Circle, Indianapolis, IN 46236 (US).

(74) **TRIPOLI, Joseph, S.** et al. / etc.; GE & RCA Licensing Management Operation, Inc., P.O. Box 5312, Princeton, NJ 08543 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49832** (13) A1

(21) PCT/JP98/01909

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/112847 (32) **30 Apr/avr 1997 (30.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 5/93, 5/85**

(54) • VIDEO AND AUDIO SIGNAL RECORDING AND REPRODUCING DEVICE AND METHOD
• DISPOSITIF ET PROCEDE D'ENREGISTREMENT ET DE REPRODUCTION DE SIGNAUX VIDEO ET AUDIO

(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) **YOSHIMURA, Kosuke** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **SUENAGA, Shinichi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **NAKAMURA, Hitoshi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP).

(74) **SUGIURA, Masatomo**; 25 Sankyo Building, Room 420, 48–10, Higashi Ikebukuro 1–chome, Toshima–ku, Tokyo 170–0013 (JP).

(81) CN KR US.

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(11) **WO 98/49833** (13) A1

(21) PCT/JP98/01911

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) ja (26) ja

(31) 9/109254 (32) **25 Apr/avr 1997** (33) JP **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 5/93, 5/85**

(54) • TV RECEIVER HAVING RECORDING/REPRODUCING FUNCTIONS AND METHOD OF RECORDING/REPRODUCING TV SIGNALS
• RECEPTEUR T.V. DOTE DE FONCTIONS ENREGISTREMENT/REPRODUCTION ET PROCEDE D'ENREGISTREMENT/REPRODUCTION DE SIGNAUX T.V.

(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) **YOSHIMURA, Kosuke** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **ITO, Ryo** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **SUENAGA, Shinichi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **NAKAMURA, Hitoshi** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP). **OKAMOTO, Naoki** [JP/JP]; Sony Corporation, 7–35, Kitashinagawa 6–chome, Shinagawa–ku, Tokyo 141–0001 (JP).

(74) **SUGIURA, Masatomo**; 25 Sankyo Building, Room 420, 48–10, Higashi Ikebukuro 1–chome, Toshima–ku, Tokyo 170–0013 (JP).

(81) CN KR US.

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(11) **WO 98/49834** (13) A1

(21) PCT/DE98/01094

(22) **20 Apr/avr 1998 (20.04.1998)**

(25) de (26) de

(31) 197 17 482.5 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 7/14**

(54) • VISUAL TELEPHONE AND CMOS MEMORY CHIP
• VISIOPHONE COMPORTANT UNE PUCE MEMOIRE CMOS

(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) **PÖCHMÜLLER, Werner** [AT/DE]; Gutenbergstrasse 19, D–31139 Hildesheim (DE).

(81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49835** (13) A1

(21) PCT/US98/08916

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,430 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 7/14, 5/232, 7/26, 7/15**

(54) • VIDEO AND AUDIO INTERFACE FOR A COMPUTER
• INTERFACE VIDEO ET AUDIO POUR ORDINATEUR

(71) **WINNOV, L., P.** [US/US]; 1043 Kiel Court, Sunnyvale, CA 94089 (US).

(72) **LABROUSSE, Junien**; 3750 Corina Way, Palo Alto, CA 94303 (US). **GARBE, Olivier, G.**; 2033 Vista Del Mar, San Mateo, CA 94404 (US). **McCARTHY, Patrick, J.**; 1547 Sun Lane, San Jose, CA 95132 (US). **GRAHAM, Harry, L.**; 126 La Quebrada, San Jose, CA 95127 (US).

(74) **D'ALESSANDRO, Kenneth** et al. / etc.; D'Alessandro & Ritchie, P.O. Box 640640, San Jose, CA 95164–0640 (US).

(81) CA CN JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49836** (13) A1

(21) PCT/JP98/01950

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) ja (26) ja

(31) 9/111422 (32) **28 Apr/avr 1997** (33) JP **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 7/16, H04L 12/28**

(54) • RF OUTPUT DEVICE FOR CATV
• UNITE DE SORTIE HF POUR TELEDISTRIBUTION

(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) **NAKAGAWARA, Chikashi** [JP/JP]; 2–42–2–3–625, Tenno–cho, Hodogaya–ku, Yokohama–shi, Kanagawa 240–0003 (JP).

(74) **SUYAMA, Saichi**; Kandahigashiyama Building, 1, Kandatacho 2–chome, Chiyoda–ku, Tokyo 101–0046 (JP).

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

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(11) **WO 98/49837** (13) A1

(21) PCT/EP98/02504

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) de (26) de

(31) 197 18 301.8 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(31) 198 08 264.9 (32) **27 Feb/fév 1998** (33) DE **(27.02.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 13/00**

(54) • METHOD AND FACILITY FOR LIGHT–BEAM PROJECTION OF IMAGES ON A SCREEN
• PROCEDE ET SYSTEME DE PROJECTION D'IMAGES SUR UN ECRAN A L'AIDE D'UN FAISCEAU LUMINEUX

(71) **LDT GMBH & CO. LASER–DISPLAY–TECHNOLOGIE KG** [DE/DE]; Carl–Zeiss–Strasse 2, D–07552 Gera (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JORKE, Helmut** [DE/DE]; Böhmenstrasse 7/a, D–89547 Gerstetten (DE).

(74) **FRENZEL, Holger** et al. / etc.; Geyer, Fehners & Partner, Perhamerstrasse 31, D–80687 München (DE).

(81) AU BR CA CN IL JP KR RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49838** (13) A2

(21) PCT/US98/08378

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 08/848,009 (32) **28 Apr/avr 1997** (33) US **(28.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04N 17/00**

(54) • MONITORED VIDEO CAMERA SYSTEM
• SYSTEME DE CAMERA VIDEO SOUS SURVEILLANCE

(71) **JACKSON RESEARCH, INC.** [US/US]; 5150 Mae Anne Avenue #213, Reno, NV 89523–1859 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JACKSON, John, T., Jr.** [US/US]; Suite 745, 316 California Avenue, Reno, NV 89509 (US).

(74) **LINDEMAN, Jeffrey, A.** et al. / etc.; Morgan, Lewis & Bockius LLP, 1800 M Street, N.W., Washington, DC 20036 (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

(11) **WO 98/49839** (13) A2

(21) PCT/FI98/00373

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 971829 (32) **29 Apr/avr 1997 (29.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q**

(54) • BASE STATION
• STATION DE BASE

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **KASSINEN, Juha** [FI/FI]; Sarvivälkkeentie 4 B 5, FIN–90240 Oulu (FI). **PÖKKÄ, Paavo** [FI/FI]; Kaartinmutka 9, FIN–90630 Oulu (FI).

(74) **PATENTTITOIMISTO TEKNOPOLIS KOLSTER OY**; c/o Kolster Oy AB, Iso Roobertinkatu 23, P.O. Box 148, FIN–00121 Helsinki (FI).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49840** (13) A2

(21) PCT/DE98/01128

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 18 445.6 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 3/00**

(54) • METHOD AND COMMUNICATION NETWORK FOR ADMINISTERING SUBSCRIBER DATA, SPECIALLY SERVICE DATA
• PROCEDE ET RESEAU DE COMMUNICATION POUR L'ADMINISTRATION DE DONNEES D'ABONNE, EN PARTICULIER DE DONNEES DE SERVICE

(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) **DZUBAN, Stanislav** [SK/AT]; Engerthstrasse 257/1/70, A–1020 Wien (AT).

(81) CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49841** (13) A2

(21) PCT/DE98/01079

(22) **17 Apr/avr 1998 (17.04.1998)**

(25) de (26) de

(31) 197 17 588.0 (32) **25 Apr/avr 1997 (25.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/00**

(54) • METHOD AND COMMUNICATIONS NETWORK FOR THE ADMINISTRATION OF SUPPLEMENTARY SERVICES
• PROCEDE ET RESEAU DE COMMUNICATION POUR L'ADMINISTRATION DE SERVICES SUPPLEMENTAIRES

(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) **DZUBAN, Stanislav** [SK/AT]; Engerthstrasse 257/1/70, A–1020 Wien (AT). **LEITGEB, Manfred** [AT/AT]; Feldgasse 64, A–2440 Gramatneusiedl (AT).

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

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(11) **WO 98/49842** (13) A2

(21) PCT/US98/08375

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/835,849 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/00**

(54) • DISPATCH CONSOLE HAVING COMMUNICATION MODULES WITH CALLER TRACKING FEATURE
• CONSOLE DE REGULATION POURVUE DE MODULES DE COMMUNICATION INTEGRANT DES FONCTIONS DE SUIVI DES APPELANTS

(71) **ERICSSON, INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **SUTANTO, Surja**; 309 West Cadbury Drive, Lynchburg, VA 24501 (US). **GRIER, Robin, Wallace**; 302 Pocahontas Drive, Lynchburg, VA 24551 (US). **POWELL, Thomas, E.**; 4416 Williams Road, Lynchburg, CA 24503 (US). **HELFRICH, David, William**; 106 Lake Forest Drive, Lynchburg, VA 24502 (US).

(74) **DAVIDSON, James, P.** et al. / etc.; Davidson & Gribbell, LLP, Suite 120, 10250 Alliance Road, Cincinnati, OH 45242 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49843** (13) A2

(21) PCT/US98/08632

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/845,946 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/00**

(54) • SYSTEM AND METHOD FOR PRIORITY GROUP ACCESS
• SYSTEME ET PROCEDE D'ACCES PRIORITAIRE A UN GROUPE

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **CHILDRESS, Jeffrey, S.**; 114 Old Pros Way, Cary, NC 27513 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49844** (13) A2

(21) PCT/US98/08726

(22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en

(31) 60/045,038 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(31) 08/995,510 (32) **22 Dec/déc 1997 (22.12.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/00**

(54) • METHOD AND APPARATUS FOR CONFIGURING PN–OFFSETS FOR A NON–UNIFORM CDMA CELLULAR NETWORK
• PROCEDE ET APPAREIL DE CONFIGURATION DE DECALAGES DE BRUIT PSEUDO–ALEATOIRE POUR UN RESEAU CELLULAIRE A ACCES MULTIPLE PAR DIFFERENCE DE CODE (AMDC) NON UNIFORME

(71) **NORTHERN TELECOM INC.** [US/US]; 2221 Lakeside Boulevard, Richardson, TX 75082 (US).

(72) **CHANG, Churui**; 3860 Kimbrough Lane, Plano, TX 75025 (US).

(74) **CARR, Gregory, W.**; Carr & Storm, L.L.P., 670 Founders Square, 900 Jackson Street, Dallas, TX 75202 (US).

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

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(11) **WO 98/49845** (13) A2

(21) PCT/US98/08759

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,330 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/00**

(54) • METHOD AND APPARATUS FOR DELIVERING AND PRESENTING CALLING NAME INFORMATION IN A WIRELESS COMMUNICATIONS SYSTEM

- PROCEDE ET APPAREIL PERMETTANT D'ACHEMINER ET DE PRESENTER DES INFORMATIONS RELATIVES AU NOM DE L'APPELANT DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center, 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) **SABOORIAN, Khosrow, Tony** [US/US]; 2713 Schofield Court, Plano, TX 75093 (US). **DOSHI, Sonia** [US/US]; Apartment 724, 18909 Lloyd Circle, Dallas, TX 75252 (US). **KEELER, Donald, Bruce** [US/US]; 3301 Nova Trail, Plano, TX 75023 (US).

(74) **DILLON, Andrew, J.** et al. / etc.; Felsman, Bradley, Gunter & Dillon LLP, Suite 350, 9505 Arboretum Boulevard, Austin, TX 78759 (US).

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

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(11) **WO 98/49846** (13) A2

(21) PCT/SE98/00754

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/845,960 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/12**

(54)
- SYSTEM AND METHOD OF MANAGING TEMPORARY MOBILE STATION IDENTITY (TMSI) PARAMETERS IN A RADIO TELECOMMUNICATIONS NETWORK
- SYSTEME ET PROCEDE POUR GERER DES PARAMETRES D'IDENTITE TEMPORAIRE DE STATION MOBILE (TMSI)

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **TURCOTTE, Eric**; 460 Abelard 1B, Verdun, Quebec H3E 1B5 (CA). **SAWYER, François**; 1895 Megantic, St–Hubert, Quebec J3Y 7H7 (CA).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S–164 80 Stockholm (SE).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49847** (13) A1

(21) PCT/US98/05960

(22) **26 Mar/mar 1998 (26.03.1998)**

(25) en (26) en

(31) 08/842,103 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/14**

(54)
- METHOD FOR A SELECTIVE CALL RECEIVER TO DETERMINE ITS POSITION AND TO DISREGARD CERTAIN SIGNALS
- PROCEDE PERMETTANT A UN RECEPTEUR D'APPELS SELECTIFS DE DETERMINER SA POSITION ET D'IGNORER CERTAINS SIGNAUX

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **RUDOWICZ, Michael, James**; 7550 Lauden Drive, Lake Worth, FL 33467 (US).

(74) **NICHOLS, Daniel, K.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1500 Gateway Boulevard, MS96, Boynton Beach, FL 33426–8292 (US).

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

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(11) **WO 98/49848** (13) A2

(21) PCT/SE98/00574

(22) **27 Mar/mar 1998 (27.03.1998)**

(25) en (26) en

(31) 08/847,918 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/20**

(54)
- ROAMER SERVICE AUTO–ACTIVATION AND DEACTIVATION IN A HOME LOCATION REGISTER
- AUTO–ACTIVATION ET DESACTIVATION D'UN SERVICE ITINERANT DANS UN REGISTRE DE LOCALISATION NOMINAL

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **DELIS, Michel**; 467 Deguire, Ville Saint Laurent, Quebec H4L 1L1 (CA). **CAMERON, Duncan**; 4985 Avenue Earnscliffe, Montreal, Quebec H3X 2P4 (CA).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S–164 80 Stockholm (SE).

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

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(11) **WO 98/49849** (13) A1

(21) PCT/US98/00912

(22) **20 Jan/jan 1998 (20.01.1998)**

(25) en (26) en

(31) 08/846,982 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/24**

(54)
- METHOD AND APPARATUS FOR PROVIDING DISPATCH SERVICE TO AN EXISTING TELEPHONE NETWORK
- PROCEDE ET APPAREIL PERMETTANT D'OFFRIR UN SERVICE DE REPARTITION A UN RESEAU TELEPHONIQUE EXISTANT

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SANDERS, Stephen, H., III**; 5871 North Kolmar Avenue, Chicago, IL 60646 (US). **BOCCI, Paul, M.**; 23W732 West Pine Avenue, Roselle, IL 60172 (US).

(74) **CRILLY, Daniel, C.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49850** (13) A1

(21) PCT/US98/04175

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) en (26) en

(31) 08/843,700 (32) **16 Apr/avr 1997 (16.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/26, H04M 11/06**

(54)
- COMMUNICATIONS WEBS FOR PSTN SUBSCRIBERS
- WEBS DE TELECOMMUNICATION POUR ABONNES AU RTPC

(71) **HOME WIRELESS NETWORKS, INC.** [US/US]; 3145 Avalon Ridge Place, Norcross, GA 30071 (US).

(72) **SNELLING, Richard, K.**; 9015 Old Southwick Pass, Alpharetta, GA 30202 (US). **MCINTOSH, P., Stuckey**; 59 East Park Lane, N.E., Atlanta, GA 30309–2725 (US). **TAYLOR, John, C., W.**; 220 Riverland Court, Atlanta, GA 30350 (US). **TUCKER, Mark**; 805 Sunset Drive, Norcross, GA 30071 (US).

(74) **PRATT, John, S.** et al. / etc.; Kilpatrick Stockton LLP, Suite 2800, 1100 Peachtree Street, Atlanta, GA 30309–4530 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49851** (13) A2

(21) PCT/US98/08596

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/847,064 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/30, H04L 1/12**

(54)
- METHOD FOR VOICE QUALITY IMPROVEMENT IN A WIRELESS TRANSMISSION SYSTEM

- PROCEDE SERVANT A AMELIORER LA QUALITE DE LA VOIX DANS UN SYSTEME DE TRANSMISSIONS SANS FIL

(71) **BELLSOUTH CORPORATION** [US/US]; 1155 Peachtree Street, N.E., Atlanta, GA 30309 (US).

(72) **AUSTIN, Mark, David**; 1165 Chalfont Walk, Atlanta, GA 30319 (US).

(74) **LISCHER, Dale** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49852** (13) A1

(21) PCT/SE98/00781

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9701617–4 (32) **29 Apr/avr 1997 (29.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/32**

(54)
- A METHOD AND AN ARRANGEMENT FOR CONTROLLING SCANNING OF RADIO CHANNELS BY A MOBILE STATION OPERATING IN STANDBY MODE
- PROCEDE ET SYSTEME POUR COMMANDER L'EXPLORATION DE CANAUX RADIO PAR UNE STATION MOBILE FONCTIONNANT EN MODE ATTENTE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S–126 25 Stockholm (SE).

(72) **KÜNKEL, Lars, Peter**; Hagensvägen 16, S–261 93 Landskrona (SE).

(74) **ERICSSON MOBILE COMMUNICATIONS AB**; Patent Unit, S–164 80 Stockholm (SE).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49853** (13) A1

(21) PCT/GB98/01180

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 97302836.8 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) GB et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/34**

(54)
- WIRELESS COMMUNICATIONS NETWORK PLANNING
- ETUDE DE RESEAUX DE COMMUNICATION SANS FIL

(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) **PALMER, Derek, Anthony** [GB/GB]; 123 Bucklesham Road, Kirton, Ipswich, Suffolk IP10 0PF (GB).

(74) **LLOYD, Barry, George, William**; BT Group Legal Services, Intellectual Property Dept., Holborn Centre, 8th floor, 120 Holborn, London EC1N 2TE (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49854** (13) A2

(21) PCT/DE98/01129

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) de (26) de

(31) 197 18 475.8 (32) **30 Apr/avr 1997 (30.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/38**

(54)
- METHOD AND HOME BASE STATION TO SET UP A LINK FOR A MOBILE STATION
- PROCEDE ET STATION DE BASE DE RATTACHEMENT PERMETTANT L'ETABLISSEMENT D'UNE LIAISON POUR UNE STATION MOBILE

(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) **HELMS, Jochen** [DE/DE]; Josef–Ritz–Weg 59, D–81673 München (DE). **SCHREIB, Franz** [AT/DE]; Walliser Strasse 156, D–81475 München (DE).

(81) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49855** (13) A2

(21) PCT/FI98/00290

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) fi (26) en

(31) 971620 (32) **16 Apr/avr 1997 (16.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/38, H04L 9/32**

(54)
- AUTHENTICATION METHOD
- PROCEDE D'AUTHENTIFICATION

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AURA, Tuomas** [FI/FI]; Jämeräntaival 11 L 232, FIN–02150 Espoo (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN–00511 Helsinki (FI).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49856** (13) A2

(21) PCT/FI98/00291

(22) **1 Apr/avr 1998 (01.04.1998)**

(25) fi (26) en

(31) 971619 (32) **16 Apr/avr 1997 (16.04.1997)** (33) FI

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/38, H04L 9/32**

(54)
- METHOD FOR USER IDENTITY PROTECTION
- PROCEDE SERVANT A PROTEGER L'IDENTITE D'UN UTILISATEUR

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN–02150 Espoo (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **AURA, Tuomas** [FI/FI]; Jämeräntaival 11 L 232, FIN–02150 Espoo (FI).

(74) **PATENT AGENCY COMPATENT LTD.**; Teollisuuskatu 33, P.O. Box 156, FIN–00511 Helsinki (FI).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49857** (13) A1

(21) PCT/SE98/00751

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 08/847,655 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/38, H04B 7/26**

(54)
- RANDOM ACCESS IN A MOBILE TELECOMMUNICATIONS SYSTEM
- ACCES SELECTIF DANS UN SYSTEME DE TELECOMMUNICATIONS MOBILE

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S–126 25 Stockholm (SE).

(72) **ESMAILZADEH, Riaz**; Century II #305, 286, Miyazaki Miyamae–ku, Kawasaki–shi, Kanagawa 216–0033 (JP). **GUSTAFSSON, Maria**; Medborgarplatsen 11, 2trp, S–118 26 Stockholm (SE).

(74) **ERICSSON RADIO SYSTEMS AB**; Common Patent Dept., S–164 80 Stockholm (SE).

(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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49858** (13) A1

(21) PCT/US98/08368

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/845,944 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/38**

(54) • A CELLULAR TELEPHONE SYSTEM AND A METHOD OF CONDUCTING AN INTER–SYSTEM SOFT HANDOFF
• SYSTEME DE TELEPHONE CELLULAIRE ET PROCEDE PERMETTANT D'EFFECTUER EN DOUCEUR UN TRANSFERT ENTRE SYSTEMES

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **BENDER, Paul, E.**; 2879 Angell Avenue, San Diego, CA 92122 (US). **ZIV, Toni, L.**; 10968 Corte Playa Barcelona, San Diego, CA 92124 (US). **KARMI, Gadi**; 10968 Corte Playa Barcelona, San Diego, CA 92124 (US). **LEE, Kuo–Chun**; 17161 Alva Road #2013, San Diego, CA 92127 (US). **LUEDER, Suzanne, M.**; 828 Wilbur Drive, San Diego, CA 92109 (US). **MOHANTY, Bibhu, P.**; 4028 Mahaila Avenue #C, San Diego, CA 92122 (US). **OTTINGER, Robert, C.**; 820 Encinitas Boulevard #205, Encinitas, CA 92024 (US). **QUICK, Roy, F.**; 4502 Del Monte Avenue, San Diego, CA 92107 (US). **STACHWICK, Steven, P.**; 25226 Poderio Drive, Ramona, CA 92065 (US). **SUTTON, Todd**; 11275 Caminito Rodar, San Diego, CA 92126 (US). **TANGIRALA, Venkat**; Apartment 175, 12710 Torrey Bluff Drive, San Diego, CA 92130 (US). **ZIV, Noam, A.**; 10968 Corte Playa Barcelona, San Diego, CA 92124 (US).

(74) **OGROD, Gregory, D.**; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49859** (13) A1

(21) PCT/US98/08369

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 08/846,360 (32) **30 Apr/avr 1997** (33) US **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/38**

(54) • A METHOD OF AND APPARATUS FOR TRACKING PROPAGATION DELAY BETWEEN A BASE STATION AND A SUBSCRIBER UNIT
• PROCEDE ET DISPOSITIF DE SURVEILLANCE DES DELAIS DE PROPAGATION ENTRE UNE STATION DE BASE ET UN POSTE D'ABONNE

(71) **QUALCOMM INCORPORATED** [US/US]; 6455 Lusk Boulevard, San Diego, CA 92121 (US).

(72) **KRISHNAMURTHI, Rajeev**; 12795 Calle De La Siena, San Diego, CA 92130 (US). **KATZFEY, Eric**; 1204 Hygeia Avenue #2, Encinitas, CA 92024 (US). **MEAGHER, Bruce, R.**; 12276 Ragweed Street, San Diego, CA 92129 (US). **WEGRZYN, Jan, K.**; 4821 Cather Avenue, San Diego, CA 92122 (US). **ZIV, Noam, A.**; 10968 Corte Playa Barcelona, San Diego, CA 92124 (US).

(74) **OGROD, Gregory, D.**; Qualcomm Incorporated, 6455 Lusk Boulevard, San Diego, CA 92121 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49860** (13) A2

(21) PCT/US98/08553

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/845,917 (32) **29 Apr/avr 1997** (33) US **(29.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 7/38**

(54) • SHARED INTERWORKING OF SUBSCRIBER FEATURES WITHIN MOBILE TELECOMMUNICATIONS NETWORKS
• INTERFONCTIONNEMENT PARTAGE DE FONCTIONS D'ABONNE DANS DES RESEAUX DE TELECOMMUNICATIONS MOBILES

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **COYNE, Michael**; Bleckholmstorget 22, Lag 2205, S–111 64 Stockholm (SE). **VALENTINE, Eric**; 1600 Brazos Trail, Plano, TX 75075 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49861** (13) A2

(21) PCT/DE98/01147

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) de (26) de

(31) 197 18 440.5 (32) **30 Apr/avr 1997** (33) DE **(30.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 11/00**

(54) • METHOD FOR USING NARROW BAND PERFORMANCE CHARACTERISTICS PROVIDED IN BROAD BAND COMMUNICATION TERMINALS IN BROAD BAND NETWORKS
• PROCEDE D'EXPLOITATION DANS DES RESEAUX A LARGE BANDE DE CARACTERISTIQUES DE PUISSANCE EN BANDE ETROITE PREVUES DANS DES TERMINAUX DE COMMUNICATION A LARGE BANDE

(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) **WILLE, Klaus** [DE/DE]; Possartstrasse 24, D–81679 München (DE). **TIETSCH, Michael** [DE/DE]; Hoeflebogen 12, D–86916 Kaufering (DE). **STÖCKL, Werner** [DE/DE]; Hermann–Roth–Strasse 8, D–82065 Baierbrunn (DE).

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

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(11) **WO 98/49862** (13) A1

(21) PCT/CA98/00391

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 60/044,563 (32) **24 Apr/avr 1997** (33) US **(24.04.1997)**

(31) 60/051,767 (32) **7 Jul/juil 1997** (33) US **(07.07.1997)**

(31) 09/048,844 (32) **27 Mar/mar 1998** (33) US **(27.03.1998)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 11/04**

(54) • RESOURCE MANAGEMENT OF AN ATM CONNECTION
• GESTION DES RESSOURCES D'UNE CONNEXION DANS UN RESEAU ATM

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).

(72) **SO, Tricci**; 67 Allenby Road, Kanata, Ontario K2K 2J8 (CA). **VALLEE, Richard**; 67 rue Castillou, Gatineau, Quebec J8T 5Y4 (CA).

(74) **TOYOOKA, Yoshiharu**; Northern Telecom Limted, Patent Dept., Station "C", P.O. Box 3511, Ottawa, Ontario K1Y 4H7 (CA).

(81) CA CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49863** (13) A1

(21) PCT/DE98/00800

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) de (26) de

(31) 197 17 584.8 (32) **25 Apr/avr 1997** (33) DE **(25.04.1997)**

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 11/04**

(54) • METHOD FOR CHANGEOVER TO STANDBY OF TRANSMISSION INSTALLATIONS FOR BI–DIRECTIONAL TRANSMISSION OF ATM CELLS
• PROCEDE DE COMMUTATION DE SUBSTITUTION D'INSTALLATIONS DE TRANSMISSION POUR LA TRANSMISSION BIDIRECTIONNELLE DE CELLULES MTA

(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) **KLINK, Joachim** [DE/DE]; Marbachstrasse 20v, D–81369 München (DE). **SCHRODI, Karl** [DE/DE]; Isaraustrasse 2A, D–82538 Geretsried (DE). **KLUG, Andreas** [DE/DE]; Zaunkönigring 9, D–85551 Kirchheim (DE).

(81) AU CA CN US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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(11) **WO 98/49864** (13) A1

(21) PCT/IB98/00734

(22) **23 Apr/avr 1998 (23.04.1998)**

(25) en (26) en

(31) 60/044,253 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/982,311 (32) **1 Dec/déc 1997 (01.12.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 11/04, H04L 12/66**

(54) • METHOD AND APPARATUS FOR ATM ADDRESS RESOLUTION
• PROCEDE ET APPAREIL DE RESOLUTION D'ADRESSES EN MTA

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; P.O. Box 6123, Station A, Montreal, Quebec H3C 3J5 (CA).

(72) **LI, Li**; 164 Equestrian Drive, Kanata, Ontario K2M 2B9 (CA). **MORRIS, Todd, Douglas**; 231 McCurdy Drive, Kanata, Ontario K2L 2L5 (CA). **MISTRY, Nalin**; 30 Brian Crescent, Nepean, Ontario K2H 6X4 (CA).

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

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(11) **WO 98/49865** (13) A1

(21) PCT/US98/05385

(22) **19 Mar/mar 1998 (19.03.1998)**

(25) en (26) en

(31) 08/841,057 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04Q 11/04**

(54) • METHOD FOR PROVIDING ENHANCED H.321–BASED MULTIMEDIA CONFERENCING SERVICES OVER THE ATM WIDE AREA NETWORK
• PROCEDE SERVANT A FOURNIR DES SERVICES AMELIORES DE CONFERENCE MULTIMEDIA BASES SUR H.321 SUR LE RESEAU DE ZONE ETENDUE MTA

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013–2412 (US).

(72) **ROY, Radhika, R.**; 14 Derringer Drive, Howell, NJ 07731 (US).

(74) **DWORETSKY, Samuel, H.** et al. / etc.; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

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(11) **WO 98/49866** (13) A1

(21) PCT/US98/08560

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/847,435 (32) **28 Apr/avr 1997 (28.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04R 17/00, H01L 41/04, 41/08**

(54) • LOW VOLTAGE PIEZOELECTRIC TRANSDUCER AND METHOD
• TRANSDUCTEUR PIEZOELECTRIQUE A FAIBLE IMPEDANCE ET PROCEDE CORRESPONDANT

(71) **MATERIALS SYSTEMS INCORPORATED** [US/US]; 53 Hillcrest Road, Concord, MA 01742 (US).

(72) **BOWEN, Leslie, J.**; 53 Hillcrest Road, Concord, MA 01742 (US). **NEAR, Craig, D.**; 178 Split Rock Drive, Acton, MA 01718 (US).

(74) **CRAIG, Frances, P.** et al. / etc.; Owen J. Meegan & Associates, 24 North Street, Salem, MA 01970 (US).

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

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(11) **WO 98/49867** (13) A1

(21) PCT/US97/07082

(22) **28 Apr/avr 1997 (28.04.1997)**

(25) en (26) en

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04R 25/00**

(54) • INTERCHANGEABLE EARPIECE FOR STEREO LISTENING
• ECOUTEUR INTERCHANGEABLE POUR ECOUTE STEREOPHONIQUE

(71) **MARSHALL, Christina, M.** [US/US]; 840 North 1130 West, Provo, UT 84604 (US).

(74) **PIERCE, Gary, D., E.** et al. / etc.; Suite 1045, 50 S. Main Street, Salt Lake City, UT 84144 (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 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; AP (GH KE LS MW SD SZ UG); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/49868** (13) A1

(21) PCT/US98/08729

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/846,637 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H04R 25/00**

(54) • LIGHT ENHANCED BULLHORN
• PORTE–VOIX ELECTRONIQUE AMELIORE AU MOYEN DE LA LUMIERE

(71) **AMERICAN TECHNOLOGY CORPORATION** [US/US]; 12725 Stowe Drive, Poway, CA 92064 (US).

(72) **NORRIS, Elwood, G.**; 13824 San Sebastian Way, Poway, CA 92064 (US).

(74) **NORTH, Vaughn, W.** et al. / etc.; Thorpe, North & Western, LLP, P.O. Box 1219, Sandy, UT 84091–1219 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49869** (13) A1

(21) PCT/CN98/00066

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) zh (26) zh

(31) 97 1 06948.4 (32) **28 Apr/avr 1997 (28.04.1997)** (33) CN

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05B 6/02**

(54) • METHOD OF ELECTROMAGNETIC INDUCTION HEATING BY THREE–PHASE INDUSTRIAL FREQUENCY POWER AND DEVICE THEREOF
• PROCEDE DE CHAUFFAGE PAR INDUCTION ELECTROMAGNETIQUE PAR COURANT DE FREQUENCES INDUSTRIELLES EN TROIS PHASES ET DISPOSITIF A CET EFFET

(71, 72) **WU, Ronghua** [CN/CN]; 8 Guangchen Road, Changzhou, Jiangsu Province 213015 (CN).

(74) **SHANGHAI PATENT & TRADEMARK LAW OFFICE**; 435 Guiping Road, Shanghai 200233 (CN).

(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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49870** (13) A1

(21) PCT/US98/07637

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 08/848,244 (32) **29 Apr/avr 1997 (29.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05B 6/74, 6/76, 6/78**

(54) • METHOD AND APPARATUS FOR ELECTROMAGNETIC EXPOSURE OF PLANAR OR OTHER MATERIALS
• PROCEDE ET APPAREIL POUR L'EXPOSITION DE MATERIAUX PLANS OU AUTRES A L'ENERGIE ELECTROMAGNETIQUE

(71, 72) **JOINES, William, T.** [US/US]; 4010 Deepwood Circle, Durham, NC 27707 (US). **DROZD, J., Michael** [US/US]; 5107 Carolwood Lane, Durham, NC 27713 (US).

(74) **WHITEHURST, Alan, L.**; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313–1404 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49871** (13) A1

(21) PCT/EP98/01958

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) de (26) de

(31) 197 17 740.9 (32) **26 Apr/avr 1997 (26.04.1997)** (33) DE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05B 33/02, 33/10, 33/12, G09F 13/22**

(54) • PLASTIC SHAPED BODY WITH AN INTEGRATED OPTOELECTRONIC LUMINOUS ELEMENT
• CORPS MOULE EN PLASTIQUE A ELEMENT LUMINEUX OPTOELECTRONIQUE INTEGRE

(71) **SCHÖNBERG + CERNY GMBH** [AT/AT]; Pfeiffergasse 3, A–1151 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CZÀK, Christian** [AT/AT]; Costenoblegasse 2/4/4, A–1130 Wien (AT).

(74) **RIEBLING, Peter**; Postfach 3160, D–88113 Lindau (DE).

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

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(11) **WO 98/49872** (13) A1

(21) PCT/GB98/01242

(22) **29 Apr/avr 1998 (29.04.1998)**

(25) en (26) en

(31) 9708861.1 (32) **30 Apr/avr 1997 (30.04.1997)** (33) GB

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05B 33/08, F21Q 3/00, B61L 5/18**

(54) • TRAFFIC SIGNALS
• FEUX DE SIGNALISATION

(71) **SIGNAL HOUSE LIMITED** [GB/GB]; CherryCourt Way, Stanbridge Road, Leighton Buzzard, Bedfordshire LU7 8UH (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BEARFIELD, George, Joseph** [GB/GB]; 100 Harcourt Street, Luton, Bedfordshire LU1 3QL (GB). **WAREING, James, Ian** [GB/GB]; 7 Carriers Way, Carlton, Bedfordshire MK43 7LN (GB). **ROBINSON, Max** [GB/GB]; North House, High house, Snaizeholme, Hawes, North Yorkshire DL8 3ND (GB).

(74) **HOWE, Steven**; Lloyd Wise, Tregear & Co., Commonwealth House, 1–19 New Oxford Street, London WC1A 1LW (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 GW 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; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49873** (13) A1

(21) PCT/US98/08747

(22) **30 Apr/avr 1998 (30.04.1998)**

(25) en (26) en

(31) 08/847,197 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05B 33/12, 33/10, 33/06, E05B 17/10, G09F 13/22**

(54) • DISPLAY DEVICE AND METHOD THEREFOR
• DISPOSITIF D'AFFICHAGE ET PROCEDE ASSOCIE

(71) **PHILLIPS PLASTICS CORPORATION** [US/US]; Seven Long Lake Drive, Phillips, WI 54555 (US).

(72) **PETERSON, Francis, C.**; 807 College Street, Prescott, WI 54021 (US). **WALSH, David**; 324 Townsvalley Road, River Falls, WI 54022 (US).

(74) **BRUESS, Steven, C.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A., 3100 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402–4131 (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 GW 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 UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(11) **WO 98/49874** (13) A1

(21) PCT/US98/08345

(22) **24 Apr/avr 1998 (24.04.1998)**

(25) en (26) en

(31) 60/044,929 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(31) 08/900,200 (32) **25 Jul/juil 1997 (25.07.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05B 37/02**

(54) • DIMMABLE BALLAST APPARATUS CONTROLLING FLUORESCENT LAMP POWER
• BALLAST DE GRADATION UTILISE POUR REGLER LE COURANT ALIMENTANT UNE LAMPE FLUORESCENTE

(71) **PACIFIC SCIENTIFIC COMPANY** [US/US]; Pacific Scientific Motion Technology Division, 110 Fordham Road, Wilmington, VA 01887 (US).

(72) **MOISIN, Mihail, S.**; 8 Druce, Brookline, MA 02146 (US).

(74) **HAGLER, James, T.**; Knobbe, Martens, Olson and Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).

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

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(11) **WO 98/49875** (13) A1

(21) PCT/US98/04013

(22) **2 Mar/mar 1998 (02.03.1998)**

(25) en (26) en

(31) 08/846,361 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05K 1/14, 3/36**

(54) • METHOD OF ATTACHING METALLIC OBJECTS TO A PRINTED CIRCUIT BOARD
• PROCEDE DE FIXATION D'OBJETS METALLIQUES SUR UNE CARTE A CIRCUITS IMPRIMES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MASTERTON, Patrick**; 1105 Brighton Drive, Carol Stream, IL 60089 (US).

(74) **SONNENTAG, Richard, A.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(81) BR CN JP.

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(11) **WO 98/49876** (13) A2

(21) PCT/SE98/00767

(22) **28 Apr/avr 1998 (28.04.1998)**

(25) en (26) en

(31) 9701666–1 (32) **30 Apr/avr 1997 (30.04.1997)** (33) SE

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05K 1/16**

(54) • CAPACITIVE DEVICE ON A CIRCUIT BOARD
• DISPOSITIF CAPACITIF SUR PLAQUETTE DE CIRCUIT

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S–126 25 Stockholm (SE).

(72) **BERGSTEDT, Leif**; Allmänna vägen 6, S–518 40 Sjömarken (SE).

(74) **GRAUDUMS, Valdis** et al. / etc.; Albihns Patentbyrå Göteborg AB, P.O. Box 142, S–401 22 Göteborg (SE).

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(22) **24 Apr/avr 1998 (24.04.1998)**

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(31) 9/108805 (32) **25 Apr/avr 1997 (25.04.1997)** (33) JP

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05K 3/46**

(54) • APPARATUS FOR MANUFACTURING ADHESIVE LAYER, APPARATUS FOR MANUFACTURING DOUBLE–SIDED SUBSTRATE, AND APPARATUS FOR MANUFACTURING MULTI–LAYERED SUBSTRATE
• DISPOSITIF DE FABRICATION DE COUCHE ADHESIVE, DE SUBSTRAT DOUBLE FACE ET DE SUBSTRAT MULTI–COUCHE

(71) **MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.** [JP/JP]; 1006, Oaza Kadoma, Kadoma–shi, Osaka 571–0050 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OCHI, Akio** [JP/JP]; 64–14, Hashimoto Higashiyamoto, Yawata–shi, Kyoto 614–8313 (JP). **KATO, Kanji** [JP/JP]; 28–4, Deguchi 5–chome, Hirakata–shi, Osaka 573–0065 (JP). **TANIZAKI, Toshio** [JP/JP]; 14–1, Sugiyamate 2–chome, Hirakata–shi, Osaka 573–0118 (JP). **WADA, Akira** [JP/JP]; 19–5, Otokoyama Nagasawa, Yawata–shi, Kyoto 614–8367 (JP). **HAYASHI, Hidenori** [JP/JP]; 1–1, Tezukayama 1–chome, Abeno–ku, Osaka–shi, Osaka 545–0037 (JP).

(74) **HAGINO, Taira** et al. / etc.; Eikoh Patent Office, ARK Mori Building, 28th floor, 12–32, Akasaka 1–chome, Minato–ku, Tokyo 107–6028 (JP).

(81) CN SG US; EP (DE FR GB).

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(11) **WO 98/49878** (13) A1

(21) PCT/IB98/00352

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 97201241.3 (32) **25 Apr/avr 1997 (25.04.1997)** (33) EP

(34) NL et al. / etc.

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05K 5/06**

(54) • METHOD OF MANUFACTURING ENVELOPED ELECTRIC, ELECTRONIC OR ELECTROMECHANICAL COMPONENTS OF SMALL DIMENSIONS
• PROCEDE POUR FABRIQUER DES COMPOSANTS ELECTRIQUES, ELECTRONIQUES OU ELECTROMECANIQUES ENVELOPPES ET DE PETITES DIMENSIONS

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

(71) **PHILIPS NORDEN AB** [SE/SE]; Kottbygatan 7, Kista, S–164 85 Stockholm (SE).
(only for / seulement pour SE)

(72) **WEEKAMP, Johannus, Wilhelmus**; Prof. Holstlaan 6, NL–5656 AA Eindhoven (NL).

(74) **VAN DER VEER, Johannis, L.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL–5600 AE Eindhoven (NL).

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

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(21) PCT/US98/08162

(22) **22 Apr/avr 1998 (22.04.1998)**

(25) en (26) en

(31) 08/846,113 (32) **25 Apr/avr 1997 (25.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05K 7/20**

(54) • POWER CABLE HEAT EXCHANGER FOR COMPUTING DEVICE
• ECHANGEUR DE CHALEUR A CABLE DE PUISSANCE, POUR DISPOSITIF DE CALCUL

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).

(72) **BHATIA, Rakesh**; 2241 Menzel Place, Santa Clara, CA 95050 (US).

(74) **TAYLOR, Edwin, H.** et al. / etc.; Blakely, Sokoloff, Taylor & Zafman LLP, 7th floor, 12400 Wilshire Boulevard, Los Angeles, CA 90025 (US).

(81) AL AM AT AT (Utility model / modèle d'utilité) AU (Petty patent) AZ BA BB BG BR BY CA CH CN CU CZ CZ (Utility model / modèle d'utilité) DE DE (Utility model / modèle d'utilité) DK DK (Utility model / modèle d'utilité) EE EE (Utility model / modèle d'utilité) ES FI FI (Utility model / modèle d'utilité) GB GE GH GM GW 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 SK (Utility model / modèle d'utilité) SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD 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 ML MR NE SN TD TG).

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(31) 08/846,625 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 5 Nov/nov 1998 (05.11.1998)

(51)[6] **H05K 9/00**

(54) • PLATED RUBBER GASKET FOR RF SHIELDING
• JOINT EN CAOUTCHOUC COMPOSE POUR BLINDAGE HF

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **PHELPS, Craig**; 134 Summit Avenue, Raleigh, NC 27603 (US).

(74) **MOORE, Stanley, R.** et al. / etc.; Jenkens & Gilchrist, P.C., Suite 3200, 1445 Ross Avenue, Dallas, TX 75202 (US).

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