

SECTION I

PUBLISHED INTERNATIONAL APPLICATIONS

DEMANDES INTERNATIONALES PUBLIÉES

- (11) **WO 98/49881** (13) A2
(21) PCT/CA97/00310
(22) **2 May/mai 1997 (02.05.1997)**
(25) en (26) en
(43) 12 Nov/nov 1998 (12.11.1998)
(51) **Not classified / non classée**
- (54) ● "BRICYCLE PLUS" (0 - COMBUSTION MOTOR TRANSPORT & RECREATIONAL SYSTEMS)
● "BRICYCLE PLUS" (SYSTEMES DE TRANSPORT ET DE LOISIR A MOTEUR SANS COMBUSTION)
- (71, 72) **TAL, David, (Acoca)** [CA/CA]; Manhattan Place, Suite 2104, 131 Beecroft Road, Willowdale, Ontario M2N 6G9 (CA).
- (81) CA CN IL JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (h)
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- (11) **WO 98/49882** (13) A2
(21) PCT/JP98/03021
(22) **6 Jul/juil 1998 (06.07.1998)**
(25) ja (26) ja
(31) 9/218875 (32) **10 Jul/juil 1997 (10.07.1997)** (33) JP
(31) 10/181313 (32) **26 May/mai 1998 (26.05.1998)** (33) JP
(31) 10/225099 (32) **6 Jul/juil 1998 (06.07.1998)** (33) JP
(43) 12 Nov/nov 1998 (12.11.1998)
(51) **Not classified / non classée**
- (54) ● ARTIFICIAL TOOTH
● DENT ARTIFICIELLE
- (71, 72) **UJI, Hideyo** [JP/JP]; 2F, 9-5, Yutenji 2-chome, Meguro-ku, Tokyo 153-0052 (JP).
- (81) AU BR CA CN KR NO NZ RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (f), (g)
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- (11) **WO 98/49883** (13) A1
(21) PCT/GB98/01158
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 9709191.2 (32) **7 May/mai 1997 (07.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A01B 45/02**
- (354) ● SOIL CORE COLLECTOR
● COLLECTEUR DE MOTTES DE TERRE
- (71, 72) **WARKE, William, Lyle** [GB/GB]; 41 Mountsandel Road, Coleraine, County Londonderry BT52 1JE (GB).
- (74) **ROBERTSON, Robert, Bruce, Spence**; Ansons, 240 Upper Newtownards Road, Belfast BT4 3EU (GB).
- (81) AU CA CN GB 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 98/49884** (13) A1
(21) PCT/FI98/00376
(22) **4 May/mai 1998 (04.05.1998)**
(25) fi (26) en
(31) 971926 (32) **6 May/mai 1997 (06.05.1997)** (33) FI
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A01C 9/00**
- (54) ● CUP CONVEYOR FOR A POTATO PLANTER
● TRANSPORTEUR A GODETS POUR PLANTEUSE DE POMMES DE TERRE
- (71) **OY JUKO LTD.** [FI/FI]; Opintie 4, FIN-23100 Mynämäki (FI).
- (72) **MARTIKAINEN, Esko**; Lankinen, FIN-23100 Mynämäki (FI). **PALMUJOKI, Lauri**; Tavastintie 2 as 5, FIN-23120 Mietoinen (FI). **RAUHALA, Olli**; Vahdantie 29, FIN-21270 Nousiainen (FI).
- (74) **TURUN PATENTTITOIMISTO OY**; P.O. Box 99, FIN-20521 Turku (FI).
- (81) NO 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 98/49885** (13) A1
(21) PCT/NL98/00182
(22) **1 Apr/avr 1998 (01.04.1998)**
(25) en (26) en
(31) 1005960 (32) **2 May/mai 1997 (02.05.1997)** (33) NL
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A01D 85/00, A01F 15/08**
- (54) ● BALE COLLECTOR
● COLLECTEUR DE BALLES
- (71) **MEIJER TEN POST BEHEER B.V.** [NL/NL]; Stadsweg 123, NL-9792 RE Ten Post (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MEIJER, Thomas, Harke, Daniël** [NL/NL]; Stadsweg 123, NL-9792 RE Ten Post (NL).
- (74) **VAN DER AREND, A., G., A.**; Van Exter Polak & Charlois 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 98/49886** (13) A1
(21) PCT/CA98/00429
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/848,497 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A01G 9/02**
- (54) ● RAISED PLANTER
● ENSEMBLE A PLANTATIONS SURELEVE
- (71, 72) **SINANAN, Terry** [CA/CA]; 54 - 23 Kimberley Drive, Hamilton, Ontario L8K 6N8 (CA).
- (74) **JOHNSON, T., Scott** et al. / etc.; 301 - 133 Richmond Street West, Toronto, Ontario M5H 2L7 (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).
- Published / Publiée : (c)
-
- (11) **WO 98/49887** (13) A1
(21) PCT/US98/08866
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 60/045,421 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(31) 09/070,281 (32) **30 Apr/avr 1998 (30.04.1998)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **A01H 1/02, 5/00, 5/10**
- (54) ● SOYBEAN HAVING EPISTATIC GENES AFFECTING YIELD
- SOJA POSSEDANT DES GENES EPISTATIQUES INFLUENÇANT LE RENDEMENT
- (71) **THE UNIVERSITY OF UTAH** [US/US]; 421 Wakara Way, Salt Lake City, UT 84108 (US).
- (72) **LARK, Karl, G.**; 3605 Mill Circle, Salt Lake City, UT 84109 (US). **ORE, James**; 2866 Marion Street, Roseville, MN 55113 (US). **CHASE, Kevin**; 1663 E. Phebe Lane, Salt Lake City, UT 84108 (US). **ADLER, Fred**; 823 E. First Avenue, Salt Lake City, UT 84103 (US).
- (74) **GREENLEE, Lorraine, L.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).
- (81) BR CA CN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/49888** (13) A1
- (21) PCT/US98/09013
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 60/045,725 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A01H 5/00, 5/10, C12N 5/14, 15/31, 15/52, 15/82**
- (54) ● TRANSGENIC SEEDLESS FRUIT AND METHODS
- FRUITS TRANSGENIQUES SANS PEPINS ET TECHNIQUES AFFERENTES
- (71) **KANSAS STATE UNIVERSITY RESEARCH FOUNDATION** [US/US]; 1500 Hayes Drive, Manhattan, KS 66502-5068 (US).
- (72) **LI, Yi**; 1721 King's Road, Manhattan, KS 66503 (US).
- (74) **FERBER, Donna, M.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49889** (13) A1
- (21) PCT/US98/09275
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 60/045,866 (32) **8 May/mai 1997 (08.05.1997)** (33) US
- (31) 09/072,331 (32) **4 May/mai 1998 (04.05.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A01H 5/10**
- (54) ● PRODUCTION OF IMPROVED RAPESEED EXHIBITING YELLOW-SEED COAT
- PRODUCTION DE COLZA AMELIORE A TEGUMENT JAUNE
- (71) **CALGENE, INC.** [US/US]; 1920 Firth Street, Davis, CA 95616 (US).
- (71, 72) **FACCIOTTI, Daniel** [US/US]; 2636 Lafayette Drive, Davis, CA 95616 (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) CA 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 98/49890** (13) A1
- (21) PCT/NL98/00243
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) nl (26) en
- (31) 1006004 (32) **7 May/mai 1997 (07.05.1997)** (33) NL
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A01J 7/04, A01K 14/00**
- (54) ● AN IMPLEMENT FOR SHAVING ANIMALS
- INSTALLATION POUR LE RASAGE D'ANIMAUX
- (71) **MAASLAND N.V.** [NL/NL]; Weverskade 10, NL-3155 PD Maasland (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DER LELY, Cornelis** [NL/CH]; Brüschrain 7, CH-6300 Zug (CH). **VAN DER LELY, Olaf** [NL/CH]; Weinbergstrasse 11, CH-6300 Zug (CH).
- (74) **MULDER, Herman**; Weverskade 10, NL-3155 PD Maasland (NL).
- (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 98/49891** (13) A1
- (21) PCT/EP98/02388
- (22) **22 Apr/avr 1998 (22.04.1998)**
- (25) de (26) de
- (31) 197 18 689.0 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
- (31) 197 50 823.5 (32) **17 Nov/nov 1997 (17.11.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A01K 1/01**
- (54) ● TOILET FOR PETS
- SYSTEME DE BAC A LITIERE POUR ANIMAUX DOMESTIQUES
- (71, 72) **EHRLER, Heinz-Dietger** [DE/DE]; Steinastrasse 53, D-79780 Stühlingen (DE).
- (74) **SCHMITT, Hans** et al. / etc.; Dreikönigstrasse 13, D-79102 Freiburg (DE).
- (81) AU CA DE 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 98/49892** (13) A1
- (21) PCT/DK97/00204
- (22) **5 May/mai 1997 (05.05.1997)**
- (25) en (26) en
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A01K 61/00**
- (54) ● METHOD AND APPARATUS FOR GRADING FISH ACCORDING TO SIZE
- PROCEDE ET APPAREIL DE CLASSEMENT DE POISSONS SELON LEUR TAILLE
- (71) **DIAT DEVELOPMENT APS** [DK/DK]; DK-6040 Egtved (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PEDERSEN, Ole, Enggaard** [DK/DK]; DK-6040 Egtved (DK).
- (74) **BUDDE, SCHOU & CO. A/S**; Vestergade 31, DK-1456 København K (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 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 98/49893** (13) A1
- (21) PCT/JP98/02022
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) ja (26) ja
- (31) 9/134425 (32) **8 May/mai 1997 (08.05.1997)** (33) JP
- (31) 9/189293 (32) **30 Jun/juin 1997 (30.06.1997)** (33) JP
- (31) 9/189294 (32) **30 Jun/juin 1997 (30.06.1997)** (33) JP
- (31) 9/281337 (32) **29 Sep/sep 1997 (29.09.1997)** (33) JP
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A01K 61/00**
- (54) ● STONE MATERIAL FOR SUBMERGING INTO WATER, METHOD OF PRODUCTION THEREOF, AND METHOD OF FORMING SUBMARINE FOREST
- MATERIAU EN PIERRE DESTINE A ETRE IMMERGE DANS L'EAU, SON PROCEDE DE PRODUCTION ET PROCEDE DE FORMATION D'UNE FORET SOUS-MARINE
- (71) **NKK CORPORATION** [JP/JP]; 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
- (72) **TAKAHASHI, Tatsuhito**; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KATO, Makoto**; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **NAKASHIMA, Hirohisa**; NKK Corporation, 1-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **FUKUHARA, Minoru**; Okayama University of Science, 1-1, Ridai-cho, Okayama-shi, Okayama 700-0005 (JP).
- (74) **TAKANO, Shigeru**; NKK Corporation, Intellectual Property Dept., 1-1, Minamiwatarida-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0855 (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 98/49894** (13) A1
- (21) PCT/US98/05407
- (22) **19 Mar/mar 1998 (19.03.1998)**

- (25) en (26) en
 (31) 08/850,792 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A01N 25/02, 25/22**
 (54) ● SOLID DELIVERY SYSTEM (SDS) FOR ACTIVE AGRICULTURAL CHEMICALS
 ● SYSTEME DE DISTRIBUTION DE SOLIDES (SDS) POUR PRODUITS CHIMIQUES ACTIFS UTILES DANS L'AGRICULTURE
 (71) **ISP INVESTMENTS INC.** [US/US]; 818 Washington Street, Wilmington, DE 19801 (US).

- (72) **NARAYANAN, Kolazi, S.**; 33 Carol Place, Wayne, NJ 07470 (US). **JON, Domingo**; Apartment 28, 41-51 Kenmare Street, New York, NY 10012 (US). **IANNIELLO, Robert, M.**; 5330 Berkshire Valley Road, Oak Ridge, NJ 07438 (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).

(11) **WO 98/49895** (13) A1

(21) PCT/US98/08989

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/045,819 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A01N 43/08, C07D 305/12**

- (54) ● SELECTIVELY CYTOTOXIC ACETOGENIN COMPOUNDS
 ● COMPOSES D'ACETOGENINE A CYTOTOXICITE SELECTIVE

- (71) **PURDUE RESEARCH FOUNDATION** [US/US]; 1021 Hovde Hall, Room 307, West Lafayette, IN 47907-1021 (US).
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- (72, 75) **McLAUGHLIN, Jerry, L.** [US/US]; 2101 North 600 West, West Lafayette, IN 47096 (US). **HOPP, David, Craig** [US/US]; 121 Kingston Street, San Francisco, CA 94110 (US).

- (74) **LAMMERT, Steven, R.**; 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 98/49896** (13) A1

(21) PCT/US98/09486

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,107 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A01N 43/36**

- (54) ● A METHOD OF TREATING VASOMOTOR SYMPTOMS
 ● METHODE DE TRAITEMENT DE SYMPTOMES VASOMOTEURS

- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
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- (72, 75) **MACDONALD, Brian, R.** [US/US]; 10 Liberty Lane, Valley Forge, PA 19481 (US).

- (74) **VENETIANER, Stephen** 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 98/49897** (13) A1

(21) PCT/US98/09481

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/044,382 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A01N 43/44**

- (54) ● BETA LACTAMS AS ANTIPROLIFERATIVE AGENTS
 ● BETA-LACTAMINES UTILISEES COMME AGENTS D'ANTIPROLIFERATION

- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **WAKE FOREST UNIVERSITY** [US/US]; Medical Center Boulevard, Winston-Salem, NC 27167 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **WINKLER, James, David** [US/US]; 701 Hartranft Avenue, Fort Washington, PA 19034 (US). **CHILTON, Floyd, Harold, III** [US/US]; 134 Patterson Farm Road, Pilot Mountain, NC 27041 (US).

- (74) **DINNER, Dara, L.** 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 98/49898** (13) A1

(21) PCT/US98/09302

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/853,580 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A01N 43/50, C07D 233/08**

- (54) ● NOVEL BIOCIDAL AGENTS COMPRISING QUARTERNARY BISIMIDAZOLINE SURFACTANTS

- NOUVEAUX AGENTS BIOCIDES COMPORTANT DES AGENTS DE SURFACE QUATERNAIRES A BASE DE BISIMIDAZOLINE

- (71) **RHODIA INC.** [US/US]; 259 Prospect Plains Road, Cranbury, NJ 08512-7500 (US).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **LI, Ji** [US/US]; 47 Winchester Drive, East Windsor, NJ 08520 (US). **DAHANAYAKE, Manilal, S.** [US/US]; 17 Reed Drive North, Princeton Junction, NJ 08550 (US). **REIERSON, Robert, Lee** [US/US]; 1 Ruthies Run, Cranbury, NJ 08512 (US). **TRACY, David, James** [US/US]; 37-03 Ravens Crest Drive, Plainsboro, NJ 08536 (US).

- (74) **SHEDDEN, John, A.** et al. / etc.; Rhodia Inc., 259 Prospect Plains Road, Cranbury, NJ 08512-7500 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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/GB98/01286

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 9709210.0 (32) **8 May/mai 1997 (08.05.1997)** (33) GB

(31) 9724328.1 (32) **18 Nov/nov 1997 (18.11.1997)** (33) GB

(31) 9724849.6 (32) **26 Nov/nov 1997 (26.11.1997)** (33) GB

(31) 9724852.0 (32) **26 Nov/nov 1997 (26.11.1997)** (33) GB

(31) 9724854.6 (32) **26 Nov/nov 1997 (26.11.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A01N 43/90, C07D 495/04**

- (54) ● FUNGICIDES
 ● FONGICIDES

- (71) **AGREVO UK LIMITED** [GB/GB]; Hauxton, Cambridge CB2 5HU (GB).
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- (72, 75) **ATHERALL, John, Frederick** [GB/GB]; Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). **HOUGH, Thomas, Lawley** [GB/GB]; Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). **LINDELL, Stephen, David** [GB/DE]; D-65926 Frankfurt am Main (DE). **O'MAHONY, Mary, Josephine** [GB/IE]; Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). **SAVILLE-STONES, Elizabeth, Anne** [GB/GB]; Chesterford Park, Saffron Walden, Essex CB10 1XL (GB).

- (74) **SEWELL, Richard, Charles** et al. / etc.; AgrEvo UK Limited, Patent Dept., Chesterford Park, Saffron Walden, Essex CB10 1XL (GB).

- (81) AU BR CA CN CZ HU ID IL JP KR MX PL RO RU TR UA US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/49900** (13) A1
(21) PCT/US98/09397
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 60/045,902 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A01N 51/00**
(54) ● HALOISOQUINOLINE CARBOXAMIDE
● HALOISOQUINOLEINE CARBOXAMIDE
(71) **EMORY UNIVERSITY** [US/US]; 2009 Ridge-wood Drive, Atlanta, GA 30322 (US).
(72) **GOODMAN, Mark, M.**; 7870 Fawndale Way, Dunwoody, GA 30350 (US). **PATTERSON, Randolph, E.**; 2018 Starfire Drive, Atlanta, GA 30345 (US). **ALEXANDER, R., W.**; 453 Argonne Drive, Atlanta, GA 30305 (US). **CHAPPELL, David**; 226 S. Colonial Homes Circle, Atlanta, GA 30309 (US).
(74) **GREENLEE, Lorance, L.** et al. / etc.; Greenlee, Winner and Sullivan, P.C., Suite 201, 5370 Manhattan Circle, Boulder, CO 80303 (US).
(81) AU CA 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 98/49901** (13) A1
(21) PCT/IL98/00177
(22) **14 Apr/avr 1998 (14.04.1998)**
(25) en (26) en
(31) 120802 (32) **8 May/mai 1997 (08.05.1997)** (33) IL
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A01N 53/10, 25/28, B01J 13/16 // (A01N 53/10, 47:22, 43:30, 37:32)**
(54) ● A PROCESS FOR ENCAPSULATING LAYGON
● PROCEDE SERVANT A ENCAPSULER DU LAYGON
(71) **BEN GURION UNIVERSITY OF THE NEGEV RESEARCH AND DEVELOPMENT AUTHORITY** [IL/IL]; P.O. Box 653, 84105 Beer Sheva (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **MARKUS, Arie** [IL/IL]; Bialik Street 151/21, 84308 Beer Sheva (IL).
(74) **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, 91013 Jerusalem (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 SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49902** (13) A1
(21) PCT/US98/07906
(22) **17 Apr/avr 1998 (17.04.1998)**
(25) en (26) en
- (31) 08/847,078 (32) **1 May/mai 1997 (01.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A21C 11/16, 3/04**
(54) ● FOOD APPARATUS FOR FORMING MULTIPLE COLORED EXTRUDATES AND METHOD OF PREPARATION
● APPAREIL DE PRODUCTION ALIMENTAIRE PERMETTANT LA FORMATION D'EXTRUDATS MULTICOLORES ET PROCEDE DE PREPARATION CORRESPONDANT
(71) **GENERAL MILLS, INC.** [US/US]; Number One General Mills Boulevard, P.O. Box 1113, Minneapolis, MN 55440 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CREMERS, Thomas, G.** [US/US]; 244 South Cedar Street, Belle Plaine, MN 56011 (US). **WEINSTEIN, James, N.** [US/US]; 18553 85th Avenue North, Maple Grove, MN 55311 (US).
(74) **O'TOOLE, John, A.** et al. / etc.; General Mills, Inc., MGO-4SE, P.O. Box 1113, Minneapolis, MN 55440 (US).
(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 98/49903** (13) A1
(21) PCT/US98/09091
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 60/045,696 (32) **6 May/mai 1997 (06.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A23K 1/06, 1/188, A61K 33/08, 33/06, 31/19**
(54) ● PROCESS FOR MAKING AN ANIMAL FEED SUPPLEMENT
● PROCEDE DE FABRICATION DE COMPLEMENT ALIMENTAIRE POUR LE BETAIL
(71) **STUHR ENTERPRISES, INC.** [US/US]; 4785 Spring Circle, Minnetonka, MN 55345-3416 (US).
(72) **STUHR, Roger, R.**; 4785 Spring Circle, Minnetonka, MN 55345-3416 (US).
(74) **THUENTE, John, F.** et al. / etc.; Patterson & Keough, P.A., 1200 Rand Tower, 527 Marquette Avenue South, 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/49904** (13) A2
(21) PCT/EP98/02503
(22) **28 Apr/avr 1998 (28.04.1998)**
- (25) en (26) en
(31) 9708925.4 (32) **1 May/mai 1997 (01.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A23K 1/16, 1/18**
(54) ● METHOD FOR PREPARING HIGH OIL CONTENT FISH FEED PELLETS
● PROCEDE POUR PREPARER DES GRANULES DE NOURRITURE POUR POISSONS A FORTE TENEUR EN HUILE
(71) **EWOS LIMITED** [GB/GB]; Westfield, Bathgate EH48 3BP (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NISSINEN, Vesa, Juhani** [FI/GB]; 30 Dovecot Park, Linlithgow, West Lothian EH49 7LH (GB). **SNEDDON, Scott** [GB/GB]; 63 Elderslie Road, Carlisle, South Lanarkshire ML8 4LH (GB).
(74) **LETHEM, David** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 München (DE).
(81) CA JP NO US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/49905** (13) A2
(21) PCT/US98/06473
(22) **31 Mar/mar 1998 (31.03.1998)**
(25) en (26) en
(31) 60/044,748 (32) **18 Apr/avr 1997 (18.04.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A23L 1/236, 1/308**
(54) ● LOW CALORIE, PALATABLE FIBER-CONTAINING, SUGAR SUBSTITUTE
● SUCCEDANE DE SUCRE CONTENANT DES FIBRES, PEU CALORIQUE ET AGREABLE AU GOUT
(71) **McNEIL-PPC INC.** [US/US]; 501 George Street, New Brunswick, NJ 08933 (US).
(72) **BARNDT, Richard, L.**; 129 North 8th Avenue, Highland Park, NJ 08904 (US). **LIAO, Shyhyuan**; 8 Glacier Drive, West Windsor, NJ 08648 (US). **MERKEL, Carolyn, M.**; 152 Overlook Avenue, North Haledon, NJ 07508 (US). **CHAPPELLO, William, J.**; 3 Bowne Avenue, Atlantic Highlands, NJ 07716 (US). **NAVIA, Juan, L.**; 169 Lenox Place, Athens, GA (US).
(74) **CIAMPORCERO, Audley, A.** et al. / etc.; Johnson and Johnson, One Johnson Plaza, New Brunswick, NJ 08933 (US).
(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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/49906** (13) A1
(21) PCT/NL98/00242
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 97201309.8 (32) **1 May/mai 1997 (01.05.1997)** (33) EP
(34) AT et al. / etc.
(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A23L 1/30, 1/305, A61K 31/195, A23L 1/09, A61K 31/70, 35/20, 31/715**

(54) ● PERI-OPERATIVE DRINK
● BOISSON PERI-OPERATOIRE

(71) **N.V. NUTRICIA** [NL/NL]; P.O. Box 1, NL-2700 MA Zoetermeer (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOFMAN, Zandrie** [NL/NL]; Stierenweide 17, NL-2720 HR Zoetermeer (NL). **HAGEMAN, Robert, Johan, Joseph** [NL/NL]; Weidezoo 52, NL-2742 EV Waddinxveen (NL).

(74) **DE BRULIN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS 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).

(11) **WO 98/49907** (13) A1

(21) PCT/EP98/02315

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

(25) en (26) en

(31) 08/850,980 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A23L 1/39**

(54) ● REDUCED FAT CULINARY SAUCE AND PROCESS FOR PREPARING THE SAME
● SAUCE CULINAIRE A TENEUR REDUITE EN MATIERES GRASSES ET PROCEDE DE PREPARATION DE LADITE SAUCE

(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) **HARDMAN, Jane** [US/US]; 2500 Ridgewood Road, Akron, OH 44313 (US). **MERCHANT, Jeffrey** [US/US]; 699 Quick Road, Ruffin, NC 27336 (US). **JACKSON, Timothy** [CA/US]; Unit B, 11 Terrace Place, New Milford, CT 06776 (US). **OPHALS, John** [US/US]; 9196 Davis Way, Twinsburg, OH 44087 (US). **TANDY, Karen** [US/US]; 210 Blue Swamp Road, Litchfield, CT 06759 (US). **WAYMOUTH, William** [US/US]; 354 Autumn Lane, Danville, VA 24541 (US). **HERRICK, James, Peter** [US/US]; 29, Greenknoll Drive, Brookfield, CT 06804 (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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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)

(11) **WO 98/49908** (13) A1

(21) PCT/AU98/00335

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) PO 6695 (32) **8 May/mai 1997 (08.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A23L 3/005, 3/04, 3/08, H05B 6/10**

(54) ● INDUCTIVE HEATING METHOD AND APPARATUS
● PROCEDE ET DISPOSITIF DE CHAUFFAGE PAR INDUCTION

(71, 72) **RUTLEDGE, Peter, John** [AU/AU]; 7 Neil Street, North Ryde, NSW 2113 (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).

(11) **WO 98/49909** (13) A1

(21) PCT/FR98/00922

(22) **7 May/mai 1998 (07.05.1998)**

(25) fr (26) fr

(31) 97/05878 (32) **7 May/mai 1997 (07.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A23L 3/36, A23B 4/06**

(54) ● CONTINUOUS DEEP FREEZE CHAMBER WITH TIERED-UP REFRIGERATED TABLES
● ENCEINTE DE SURGELATION EN CONTINU A TABLES REFRIGEREES SUPERPOSEES

(71, 72) **DEW, Roger** [GB/FR]; 40, boulevard Suchet, F-75016 Paris (FR).

(74) **CABINET ROMAN**; 35, rue Paradis, Boîte postale 2224, F-13207 Marseille Cedex 01 (FR).

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

Published / Publiée : (c)

(11) **WO 98/49910** (13) A1

(21) PCT/NL98/00241

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 1005948 (32) **1 May/mai 1997 (01.05.1997)** (33) NL

(31) 1007696 (32) **4 Dec/déc 1997 (04.12.1997)** (33) NL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A23P 1/04, A23L 1/237, A23P 1/08, A23L 1/187**

(54) ● ENCAPSULATED MATERIAL WITH CONTROLLED RELEASE
● SUBSTANCE ENCAPSULEE A LIBERATION REGULEE

(71) **INSTITUUT VOOR AGROTECHNOLOGISCH ONDERZOEK (ATO-DLO)** [NL/NL]; Postbus 17, NL-6700 AA Wageningen (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN VILSTEREN, Geertruida, Everdina, Theodora** [NL/NL]; Oude Terborgseweg 270, NL-7004 KA Doetinchem (NL). **NEERHOF, Hendrik, Jan** [NL/NL]; Thorbeckestraat 2A, NL-6702 BS Wageningen (NL). **SCHIJVENS, Eugenius, Paulus, Henricus, Maria** [NL/NL]; Korenbloemstraat 2A, NL-6871 WE Renkum (NL). **DELNOYE, Didier, André, Pierre** [NL/NL]; Thorbeckestraat 42, NL-6702 BS Wageningen (NL). **JONGSMA, Tjeerd** [NL/NL]; Nassaulaan 24, NL-6721 DZ Bennekom (NL).

(74) **DE BRULIN, Leendert, C.** et al. / etc.; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS 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).

Published / Publiée : (c)

(11) **WO 98/49911** (13) A1

(21) PCT/US98/08085

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/854,208 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A24B 15/10**

(54) ● METHOD AND PRODUCT FOR REDUCING TAR AND NICOTINE IN CIGARETTES
● PROCEDE ET PRODUIT POUR REDUIRE LA TENEUR DES CIGARETTES EN NICOTINE ET EN GOUDRON

(71, 72) **SUNG, Michael, T.** [US/US]; 1604 Reston Court, Raleigh, NC 27614 (US).

(74) **ROCKMAN, Howard, B.** et al. / etc.; Sonnenschein Nath & Rosenthal, 8000 Sears Tower, 233 S. Wacker Drive, Chicago, IL 60606-6404 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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)

(11) **WO 98/49912** (13) A1

(21) PCT/US98/05590

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) en (26) en

(31) 08/850,006 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A24D 3/06, D02G 3/00, D04H 3/16**

(54) ● POLYVINYL ALCOHOL TOBACCO SMOKE FILTERS AND PRODUCTS USING SUCH FILTERS, AND METHODS AND APPARATUS FOR MAKING SAME

● FILTRE DE TABAC A FUMER EN ALCOOL DE POLYVINYLE, PRODUITS UTILISANT

DE TELS FILTRES, ET PROCEDES ET APPAREIL DE FABRICATION CORRESPONDANTS

(71) **FILTRONA INTERNATIONAL LIMITED** [GB/GB]; 110 Park Street, London W1Y 3RB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGER, Richard, M.** [US/US]; 3612 Quail Meadows Place, Midlothian, VA 23112 (US).

(74) **STERN, Marvin, R.** et al. / etc.; Jacobson, Price, Holman & Stern PLLC, 400 Seventh 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 DE DK ES FI FR 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 98/49913** (13) A1

(21) PCT/US97/07392

(22) **2 May/mai 1997 (02.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A24F 13/00**

(54) ● PEN STYLE CIGAR CUTTER
● COUPE-CIGARES DE TYPE STYLO

(71, 72) **WELCH, Dale, L.** [US/US]; 4100 Tahoe Court, Alexandria, VA 22312 (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 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).

(11) **WO 98/49914** (13) A1

(21) PCT/US98/09210

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,478 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A41D 25/00, 27/00, 27/08**

(54) ● NECKTIE AS AN INFORMATION SOURCE
● CRAVATE EN TANT QUE SOURCE D'INFORMATIONS

(71, 72) **SHUKLA, Mukta** [IN/US]; 10423 Popkins Court, Woodstock, MD 21163 (US). **SHUKLA, Ashok** [IN/US]; 10423 Popkins Court, Woodstock, MD 21163 (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)

(11) **WO 98/49915** (13) A1

(21) PCT/CA98/00446

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/852,685 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A45B 3/04**

(54) ● LUMINOUS UMBRELLA
● PARAPLUIE LUMINEUX

(71, 72) **MURPHY, Sean** [CA/CA]; 33 Wilkes Creek Drive, Port Moody, British Columbia V3H 5A1 (CA).

(74) **BARRIGAR, Robert, H.** et al. / etc.; Barrigar & Moss, Suite 830, Oceanic Plaza, 1066 West Hastings Street, Vancouver, British Columbia V6E 3X1 (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 LC LK LR LS LT LU LV 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 98/49916** (13) A1

(21) PCT/IL98/00209

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/850,282 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A45D 29/02, A61B 17/54**

(54) ● ADJUSTABLE NAIL CLIPPER
● COUPE-ONGLES REGLABLE

(71, 72) **DOLEV, Moshe** [IL/IL]; Rehov Bereishit 17, 47201 Ramat Hasharon (IL).

(74) **LANGER, Edward**; P.O. Box 410, 43103 Ra'anana (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49917** (13) A1

(21) PCT/US98/09265

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/851,712 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A45D 40/06**

(54) ● CONTAINER FOR COSMETIC STICK

● CONTENANT POUR BATONNET COSMETIQUE

(71) **REVLON CONSUMER PRODUCTS CORPORATION** [US/US]; 625 Madison Avenue, New York, NY 10022 (US).

(72) **BROWN, Robert, N.**; 265 Lafayette Street #A8, New York, NY 10012 (US). **PODER, Barbara, B.**; 124 Alhama Drive, Brick, NJ 08723 (US). **STISO, Albert, J.**; 124 Alhama Drive, Brick, NJ 08723 (US). **THALHEIMER, James, J.**; 3289 Churchill Drive, Toms River, NJ 08753 (US). **WILCZYNSKI, Robert, J.**; 380 Barclay Street, Perth Amboy, NJ 08861 (US).

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

(81) 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 98/49918** (13) A1

(21) PCT/US98/08813

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,663 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A46B 11/00**

(54) ● WIPER INSERT
● ELEMENT D'INSERTION D'EGOUTTAGE

(71) **BIC CORPORATION** [US/US]; 500 Bic Drive, Milford, CT 06460 (US).

(72) **POORE, Scott**; 11 Two Gait Lane, Simpsonville, SC 29680 (US). **WILSON, Kevin, L.**; Route 2, Box 86A, Gray Court, SC 29645 (US). **CHADWICK, Barry, W.**; 233 Riverwalle Drive, Simpsonville, SC 29681 (US).

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

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

(11) **WO 98/49919** (13) A1

(21) PCT/US98/08935

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,611 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(31) 09/002,047 (32) **31 Dec/déc 1997 (31.12.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A46B 15/00, A63B 57/00, B08B 1/00**

(54) ● GOLF IRON BRUSH
● DISPOSITIF DE BROSSAGE POUR TETE DE CLUB DE GOLF EN FER

(71, 72) **BRUCE, Craig** [US/US]; Suite 346, 7536 Forsyth Boulevard, Clayton, MO 63105 (US).

(74) **ROBBINS, Glenn, K., II**; Robbins & Robbins, Suite 555, 1015 Locust Street, St. Louis, MO 63101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49920** (13) A1

(21) PCT/US98/09240

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/851,861 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A46B 15/00, B05C 17/00**

(54) ● METHOD AND APPARATUS FOR CONSTRUCTING AN APPLICATOR
● PROCEDE ET APPAREIL PERMETTANT DE CONSTRUIRE UN APPLICATEUR

(71) **FORSLINE & STARR, LTD.** [US/US]; 16 Gehring Drive, Kutztown, PA 19530 (US).

(72) **FORSLINE, Ladd, B.**; 16 Gehring Drive, Kutztown, PA 19530 (US).

(74) **STANGA, Paul, W.** et al. / etc.; Patterson & Keough, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2100 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49921** (13) A1

(21) PCT/DK98/00178

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 0521/97 (32) **6 May/mai 1997 (06.05.1997)** (33) DK

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A47B 9/02**

(54) ● A LOCKING DEVICE
● DISPOSITIF DE VERROUILLAGE

(71) **SIS INTERNATIONAL A/S** [DK/DK]; Skovgårdsvej 23, DK-3200 Helsingør (DK).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OHLSEN, Henrik, Almegaard** [DK/DK]; Vasehøjvej 10, DK-2920 Charlottenlund (DK).

(74) **PLOUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (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 GR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49922** (13) A1

(21) PCT/AU98/00309

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

(25) en (26) en

(31) 19964/97 (32) **1 May/mai 1997 (01.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A47B 21/03**

(54) ● FOREARM SUPPORT
● SUPPORT D'AVANT-BRAS

(71) **ERGONOMICS INTERNATIONAL PTY. LTD.** [AU/AU]; 9th floor, Suncorp Plaza, 61-73 Sturt Street, Townsville, QLD 4810 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KODOBOCZ, Bela** [AU/AU]; (AU). **GOERLITZ, Christian** [AU/AU]; B & C Design Australia, 8/612 Old Cleveland Road, Camp Hill, QLD 4152 (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 GR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49923** (13) A1

(21) PCT/GB98/01266

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

(25) en (26) en

(31) 9709043.5 (32) **2 May/mai 1997 (02.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A47B 57/40**

(54) ● BEAM END CONNECTOR
● DISPOSITIF DE CONNEXION D'EXTREMITES DE POUTRES

(71) **DEXION GROUP LIMITED** [GB/GB]; Maylands Avenue, Hemel Hempstead, Herts HP2 7EW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROOKS, Norman** [GB/GB]; 21 Hollyfield Close, Tring, Herts HP2 5PL (GB).

(74) **JENSEN & SON**; 70 Paul Street, London EC2A 4NA (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49924** (13) A1

(21) PCT/AU98/00317

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) PO 6580 (32) **2 May/mai 1997 (02.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A47C 1/12, 1/121, 1/16**

(54) ● A SEATING SYSTEM
● SYSTEME DE SIEGE

(71) **SEBEL FURNITURE LIMITED** [AU/AU]; 96 Canterbury Road, Bankstown, NSW 2200 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KING, Sheldon** [AU/AU]; 5/97 Kirribilli Avenue, Kirribilli, NSW 2061 (AU).

(74) **SPRUSON & FERGUSON**; G.P.O. BOX 3898, Sydney, NSW 2001 (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 GR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49925** (13) A1

(21) PCT/US98/07988

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

(25) en (26) en

(31) 08/853,667 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A47C 23/00, 23/04**

(54) ● SPRING TO METAL RAIL CONNECTION
● RACCORD ENTRE RESSORT ET RAIL METALLIQUE

(71) **L & P PROPERTY MANAGEMENT CO.** [US/US]; 4095 Firestone Boulevard, South Gate, CA 90280 (US).

(72) **DABNEY, Upton, R.**; Apartment B, 132 Anne Street, Richmond, KY 40475 (US). **RODGERS, William, C.**; 109 Shenandoah East, Georgetown, KY 40324 (US). **KITCHEN, John, P.**; 1121 Delaplain Road, Georgetown, KY 40324 (US).

(74) **POFFENBERGER, J., Dwight, Jr.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49926** (13) A1

(21) PCT/US97/07641

(22) **9 May/mai 1997 (09.05.1997)**

(25) en (26) en

(31) 08/852,576 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A47J 45/00, 45/02, 47/00, 47/16, A47G 29/00, 29/093**

(54) ● MIXING BOWL SUPPORTING ASSEMBLY
● ENSEMBLE SUPPORT POUR BOL DE MELANGE

(71, 72) **MORRIS, David, F.** [US/US]; Apartment 503, 3811 Canterbury Road, Baltimore, MD 21218 (US).

(74) **KOKULIS, Paul, N.** 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 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 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).

(11) **WO 98/49927** (13) A2

(21) PCT/US98/03192

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/045,840 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B**

(54) ● POINT SOURCE SCANNING APPARATUS AND METHOD
● APPAREIL ET PROCEDE DE SCANNAGE AVEC SOURCE DE LUMIERE PONCTUELLE

(71) **UNIVERSITY OF WASHINGTON** [US/US]; Seattle, WA 98195 (US).

(72) **MELVILLE, Charles, D.**; 3631 - 241st Avenue S.E., Issaquah, WA 98029 (US). **TIDWELL, Michael**; 1902 Bigelow Avenue N. #401, Seattle, WA 98109 (US).

(74) **KODA, Steven, P.**; Koda Law Office, 520 Ericksen Avenue, N.E., Bainbridge Island, WA 98110 (US).

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

(11) **WO 98/49928** (13) A1

(21) PCT/US98/08744

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

(25) en (26) en

(31) 08/850,934 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 1/00**

(54) ● INTUBATION SYSTEM
● SYSTEME D'INTUBATION

(63) US 08/850,934 (CIP)
5 May/mai 1997 (05.05.1997)

(71, 72) **BASHOUR, Charles, Allen** [US/US]; 2224 Fenwick Road, University Heights, OH 44118-3118 (US).

(74) **HENRY, David, G.**; Jenkins & Gilchrist, 1800 Frost Bank Tower, San Antonio, TX 78205 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49929** (13) A1

(21) PCT/US98/09409

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/045,817 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 09/064,452 (32) **22 Apr/avr 1998 (22.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 1/04, 1/00**

(54) ● COUPLING DEVICE FOR USE IN AN IMAGING SYSTEM
● DISPOSITIF DE COUPLAGE DESTINE A ETRE UTILISE DANS UN SYSTEME D'IMAGERIE

(71) **PINOTAGE, LLC** [US/US]; 20 East Center Street, Fayetteville, AR 72701 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **THOMPSON, Robert, Lee** [US/US]; 19308 Pinecrest Trail, Rogers, AR 72756 (US).

(74) **GIUNTA, Richard, F.**; 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 98/49930** (13) A1

(21) PCT/FR98/00884

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

(25) fr (26) fr

(31) 97/05702 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 3/032**

(54) ● METHOD FOR TESTING A PERSON'S SIGHT, AND CORRESPONDING CALIBRATING STANDARD
● PROCEDE D'EVALUATION DE LA VISION D'UN INDIVIDU, ET ETALON DE CALIBRAGE CORRESPONDANT

(71) **MUTUALITE DE L'ANJOU** [FR/FR]; 67, rue des Ponts-de-Cé, F-49028 Angers Cedex 01 (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SURUT, Jérôme** [FR/FR]; 94, rue Lionnaise, F-49000 Angers (FR). **MARCHETEAU, Claude** [FR/FR]; 10, rue de la Gare, F-49240 Avrillé (FR).

(74) **VIDON, Patrice**; Cabinet Patrice Vidon, Immeuble Germanium, 80, avenue des Buttes de Coësmes, F-35700 Rennes (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).

(11) **WO 98/49931** (13) A1

(21) PCT/US98/08943

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,595 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 3/10, 3/14, 3/00**

(54) ● SCANNING OPHTHALMOSCOPE WITH SPATIAL LIGHT MODULATORS
● OPHTHALMOSCOPE A BALAYAGE A MODULEURS DE LUMIERE SPATIAUX

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US).

(72) **WEBB, Robert**; 9 Old Concord Road, Lincoln, MA 01773 (US).

(74) **LUKACHER, Kenneth**; Harris Beach & Wilcox LLP, 130 East Main Street, Rochester, NY 14604-1687 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49932** (13) A1

(21) PCT/DE98/01194

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

(25) de (26) de

(31) 197 18 806.0 (32) **3 May/mai 1997 (03.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 5/00, 5/08, 5/0205**

- (54) ● DIAGNOSIS BASED ON PHASIC SINUS AR-RHYTHMIA
● DIAGNOSTIQUE FONDE SUR L'ARYTHMIE RESPIRATOIRE SINUSALE

(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)

(72, 75) **DREPPER, Friedhelm, R.** [DE/DE]; Grüner Weg 91, D-52349 Düren (DE). **SCHIEK, Michael** [DE/DE]; Hohenstauffenallee 86, D-52074 Aachen (DE). **ABEL, Hans-Henning** [DE/DE]; Campesstrasse 35, D-38302 Wolfenbüttel (DE). **SUDER, Katrin** [DE/DE]; Josefstrasse 22, D-44791 Bochum (DE).

(74) **FORSCHUNGSZENTRUM JÜLICH GMBH**; Personal und Recht - Patente (PR-PT), D-52425 Jülich (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 98/49933** (13) A1

(21) PCT/US98/07053

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

(25) en (26) en

(31) 08/852,154 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 5/00**

- (54) ● DEVICE AND METHOD FOR PREVENTING RESTENOSIS
● DISPOSITIF ET PROCEDE DE PREVENTION DE LA RESTENOSE

(71) **UROLOGIX, INC.** [US/US]; 14405 21st Avenue North, Minneapolis, MN 55427 (US).

(72) **DANN, Mitchell**; Star Route Box 3668, Jackson, WY 83001 (US). **THOME, Scott, P.**; 535 Aberdeen Drive, Waite Park, MN 56387 (US). **McGRATH, Jonathan, R.**; 6381 Fox Path, Chanhasen, MN 55317 (US). **RUDIE, Eric, N.**; 8519 Walnut Grove Lane North, Maple Grove, MN 56387 (US). **FLACHMAN, Jonathan, L.**; 3300 Kyle Avenue North, Minneapolis, MN 55422 (US). **HYROSE, Teruo, T.**; 5830 Tyndall Avenue, Bronx, NY 10471 (US).

(74) **WEYRAUCH, John, M.**; Kinney & Lange, P.A., Suite 1500, 625 Fourth Avenue South, Minneapolis, MN 55415-1659 (US).

(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 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).

(11) **WO 98/49934** (13) A1

(21) PCT/US98/08808

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/851,796 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 5/00, 5/05**

- (54) ● APPARATUS AND METHOD FOR MEASUREMENT OF INTRACRANIAL PRESSURE
● APPAREIL ET PROCEDE DE MESURE DE LA TENSION INTRACRANIENNE

(71) **ACTIVE SIGNAL TECHNOLOGIES, INC.** [US/US]; 13025 Beaver Dam Road, Cockeysville, MD 21030 (US).

(72) **BRIDGER, Keith**; 113 7th Street, N.E., Washington, DC 20002-6023 (US). **COOKE, Arthur, V.**; 5415 Purlington Way, Baltimore, MD 21212 (US). **CROWNE, Frank, J.**; 900 Nichols Drive, Laurel, MD 20707 (US). **KUHN, Philip, M.**; 601 Cape McKinsky Drive, Severna Park, MD 21146 (US). **LUTIAN, Joseph, J.**; 525 Bay Dale Court, Arnold, MD 21012 (US). **PASSARO, Edward, J.**; 926 Ellendale Drive, Towson, MD 21286 (US). **SEWELL, John, M.**; 13027 Beaver Dam Road, Cockeysville, MD 21030 (US).

(74) **TOWNER, Alan, G.**; Eckert Seamans Cherin & Mellott, LLC, 42nd floor, 600 Grant Street, Pittsburgh, PA 15219 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49935** (13) A1

(21) PCT/US98/09418

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/853,226 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 5/04**

- (54) ● INTEGRATED METHOD FOR CHAOTIC TIME SERIES ANALYSIS
● PROCEDE INTEGRE D'ANALYSE CHAOTIQUE DE SERIES CHRONOLOGIQUES

(71) **LOCKHEED MARTIN ENERGY RESEARCH CORPORATION** [US/US]; 701 Scarboro Road, P.O. Box 2009, Oak Ridge, TN 37831-8243 (US).

(72) **HIVELY, Lee, M.**; 192 Williams Road, Philadelphia, TN 37846 (US). **NG, Esmond, G.**; 308 Fruitwood Lane, Knoxville, TN 37922 (US).

(74) **HARDAWAY, John, B., III** et al. / etc.; Hardaway Law Firm, P.A., P.O. Box 10107, Federal Station, Greenville, SC 29603-0107 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49936** (13) A1

(21) PCT/AU98/00323

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) PO 6624 (32) **5 May/mai 1997 (05.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 5/042**

- (54) ● AN EPICARDIAL ELECTRODE ARRAY
● RESEAU D'ELECTRODES EPICARDIQUES

(71) **CARDIAC CRC NOMINEES PTY. LTD.** [AU/AU]; Royal North Shore Hospital, Block 4, Level 3, St. Leonards, NSW 2065 (AU).
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(72, 75) **KOVOOR, Pramesh** [AU/AU]; 22/1 Reid Avenue, Wentworthville, NSW 2145 (AU). **ROSS, David** [AU/AU]; 41 Cheltenham Road, Cheltenham, NSW 2199 (AU). **KOEVSKI, Ilija** [AU/AU]; 56 Portico Parade, Toongabbie, NSW 2146 (AU).

(74) **SPRUSON & FERGUSON**; G.P.O. Box 3898, Sydney, NSW 2001 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49937** (13) A1

(21) PCT/SE98/00741

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

(25) sv (26) en

(31) 9701713-1 (32) **7 May/mai 1997 (07.05.1997)** (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 5/042, A61N 1/36, A61B 5/04**

- (54) ● ELECTRODE CATHETER FOR ENDOCARDIAL MAPPING
● CATHETER-ELECTRODE DESTINE A UNE CARTOGRAPHIE ENDOCARDIQUE

(71) **SIEMENS-ELEMA AB** [SE/SE]; S-171 95 Solna (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALLIN, Gunnar** [SE/SE]; Malmvägen 14, S-176 75 Järfälla (SE).

(74) **SIEMENS-ELEMA AB**; Patentbyrå Siemens, S-171 95 Solna (SE).

(81) DE JP US.

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(11) **WO 98/49938** (13) A1

(21) PCT/US98/09454

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/852,940 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 5/06**

- (54) ● SYSTEM AND METHOD TO DETERMINE THE LOCATION AND ORIENTATION OF AN INDWELLING MEDICAL DEVICE
● SYSTEME ET PROCEDE PERMETTANT DE DETERMINER LA POSITION ET L'ORIENTATION D'UN DISPOSITIF MEDICAL A DEMEURE
- (71) **LUCENT MEDICAL SYSTEMS, INC.** [US/US]; Suite 222, 3805 108th Avenue Northeast, Bellevue, WA 98004 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HAYNOR, David, R.** [US/US]; 2446 Warren Avenue North, Seattle, WA 98109 (US). **SOMOGYI, Christopher, P.** [US/US]; 14058 220th Avenue Northeast, Woodinville, WA 98072 (US). **GOLDEN, Robert, N.** [US/US]; 12117 Northeast 66th Street, Kirkland, WA 98033 (US).
- (74) **DONOHUE, Michael, J.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).
- (81) AL AM AT AU 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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL 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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- (11) **WO 98/49939** (13) A1
(21) PCT/US98/09094
(25) en (26) en
(31) 97107600/25 (32) **6 May/mai 1997** (33) RU (06.05.1997)
(31) 97112038/20 (32) **8 Jul/juil 1997** (33) RU (08.07.1997)
(31) 97113446/14 (32) **31 Jul/juil 1997** (33) RU (31.07.1997)
(31) 09/012,244 (32) **23 Jan/jan 1998** (33) US (23.01.1998)
(31) 09/012,771 (32) **23 Jan/jan 1998** (33) US (23.01.1998)
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 6/00**
(54) ● TISSUE ANALYSIS APPARATUS
● APPAREIL D'ANALYSE DE TISSU
- (63) US 09/012,244 (CIP) 23 Jan/jan 1998 (23.01.1998)
US 09/012,771 (CIP) 23 Jan/jan 1998 (23.01.1998)
- (71) **QUANTA VISION** [US/US]; Suite 214, 1670 S. Amphlett Boulevard, San Mateo, CA 94042 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOMARDIN, Oleg** [RU/RU]; ul. Elninskaya, 3-71, Moscow, 121467 (RU). **LAZAREV, Pavel** [RU/US]; 808 Coleman Avenue #15, Menlo Park, CA 94025 (US).
- (74) **DODD, Travis, L.**; Wilson Sonsini Goodrich & Rosati, 650 Page Mill Road, Palo Alto, CA 94304-1050 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/49940** (13) A1
(21) PCT/US98/09101
(25) en (26) en
(31) 08/853,967 (32) **9 May/mai 1997** (33) US (09.05.1997)
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 8/00**
(54) ● AN EXCITATION ENHANCED ULTRASOUND SYSTEM
● SYSTEME ULTRASONORE AMELIOREE PAR EXCITATION
- (71) **THOMAS JEFFERSON UNIVERSITY** [US/US]; 1020 Locust Street, Philadelphia, PA 19107 (US).
- (72) **WU, Yunqui**; 13 Lloyd Avenue, Cherry Hill, NJ 08002 (US). **FORSBERG, Flemming**; 26 Benet Street, Philadelphia, PA 19118 (US). **GOLDBERG, Barry**; 620 Harts Ridge Road, Conshohocken, PA 19428 (US).
- (74) **LAVORGNA, Gregory, J.**; Seidel, Gonda, Lavorgna & Monaco, P.C., Suite 1800, Two Penn Center Plaza, Philadelphia, PA 19102 (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 98/49941** (13) A1
(21) PCT/US98/09152
(25) en (26) en
(31) 08/853,922 (32) **9 May/mai 1997** (33) US (09.05.1997)
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 8/00**
(54) ● NON-CONTACT TONOMETER
● TONOMETRE SANS CONTACT
- (71) **MASSIE RESEARCH LABORATORIES, INC.** [US/US]; Suite 352, 231 Market Place, San Ramon, CA 94583 (US).
- (71, 72) **MASSIE, Norbert, A.** [US/US]; 2674 Derby Drive, San Ramon, CA 94583 (US).
- (74) **ROSS, John, R.**; P.O. Box 2138, Del Mar, CA 92014 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/49942** (13) A1
(21) PCT/IL98/00208
(25) en (26) en
(31) 60/045,556 (32) **5 May/mai 1997** (33) US (05.05.1997)
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 8/02**
(54) ● METHOD AND APPARATUS FOR MONITORING THE PROGRESS OF LABOR
● PROCEDE ET DISPOSITIF SERVANT A CONTROLER L'EVOLUTION DU TRAVAIL PENDANT L'ACCOUCHEMENT
- (71, 72) **PALTIELI, Yoav** [IL/IL]; 51 Einstein Street, 34602 Haifa (IL).
- (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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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-
- (11) **WO 98/49943** (13) A2
(21) PCT/IB98/00942
(25) de (26) de
(31) 297 08 149.7 (32) **7 May/mai 1997** (33) DE (07.05.1997)
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 10/00**
(54) ● BIOPSY DEVICE
● APPAREIL POUR BIOPSIE
- (71, 72) **BINMOELLER, Kenneth, F.** [DE/US]; Apartment 215, 9525 Genesee Avenue, San Diego, CA 92121 (US).
- (74) **KÖNIG, Reimar** et al. / etc.; Wilhelm-Tell-Strasse 14, D-40219 Düsseldorf (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/49944** (13) A1
(21) PCT/US98/08969
(25) en (26) en
(31) 60/045,484 (32) **2 May/mai 1997** (33) US (02.05.1997)
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 17/00**
(54) ● ADJUSTABLE SUPPORTING BRACKET HAVING PLURAL BALL AND SOCKET JOINTS
● SUPPORT REGLABLE A JOINT D'ARTICULATION A ROTULE
- (71) **PILLING WECK INCORPORATED** [US/US]; 420 Delaware Drive, Fort Washington, PA 19034 (US). **MEDTRONIC, INC.** [US/US]; 7000 Central Avenue N.E., Minneapolis, MN 55432-3576 (US).
- (72) **COREY, Edmund, R., Jr.**; Centennial Street M-B-4, Schwenksville, PA 19473 (US). **FANTICOLA, John, A., Jr.**; 146 Shearer Street, North Wales, PA 19454 (US). **PILLING, William, H.**; 1104 Swedesford Road, North Wales, PA 19454 (US). **POWELL, Gerald, A.**; 1330 Maryland Avenue, Havertown, PA 19083 (US). **WESTON, David, E.**; 7258 Decosta Drive, N.E., Rockford, MI 49341 (US). **WILSON, Robert, W.**; 1629 Kenmare Drive, Dresher, PA 19025 (US).
- (74) **SMITH, George, A., Jr.** et al. / etc.; Howson and Howson, Spring House Corporate Center, P.O. Box 457, Spring House, PA 19477 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49945** (13) A1

(21) PCT/US98/09414

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/853,065 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 08/889,016 (32) **7 Jul/juil 1997 (07.07.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/00**

(54) ● MULTIPLE BLADED SURGICAL CUTTING DEVICE REMOVABLY CONNECTED TO A ROTARY DRIVE ELEMENT

● DISPOSITIF D'INCISION CHIRURGICAL A PLUSIEURS LAMES RELIE AMOVIBLE A UN ORGANE D'ENTRAINEMENT ROTATIF

(71) **SURGICAL DYNAMICS, INC.** [US/US]; 111 Glover Avenue, Norwalk, CT 06856 (US).

(72) **THOMAS, James, Cooper**; 3948 Placita de Lazo, Las Vegas, NV 89102 (US). **ROBERTS, Rick, D.**; 15085 C Campus Park Drive, Moorpark, CA 93021 (US).

(74) **GERSHON, Neil, D.**; United States Surgical Corporation, 150 Glover Avenue, Norwalk, CT 06856 (US).

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

Published / Publiée : (c)

(11) **WO 98/49946** (13) A1

(21) PCT/US98/09182

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/853,725 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/04**

(54) ● ENERGY ACTIVATED FIBRIN PLUG

● TAMPON DE FIBRINE ACTIVE PAR ENERGIE

(71, 72) **MYERS, Gene, E.** [US/US]; 1310 South Lakeshore Drive, Sarasota, FL 34231 (US).

(74) **HAUGEN, Orrin, M.**; Haugen and Nikolai, P.A., 820 International Centre, 900 Second Avenue South, Minneapolis, MN 55402 (US).

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

(11) **WO 98/49947** (13) A1

(21) PCT/EP98/02234

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) de (26) de

(31) 297 08 050 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/11, 17/02**

(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).

Published / Publiée : (c)

(11) **WO 98/49948** (13) A1

(21) PCT/EP98/02518

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

(25) en (26) en

(31) 197 19 051.0 (32) **6 May/mai 1997 (06.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/16**

(54) ● MEDULLARY-CAVITY DRILL HEAD

● TETE DE PERÇAGE DE CAVITE MEDULLAIRE

(71) **ORTHOFIX S.R.L.** [IT/IT]; Via delle Nazioni, 9, I-37012 Bussolengo (IT).

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(72, 75) **GAUSEPOHL, Thomas** [DE/DE]; Dieringhauser Strasse 20, D-51109 Köln (DE). **MARTIN, Arthur, W.** [GB/GB]; Units 2A, C & D, 5-24 Southgate Road, London NI 3JJ (GB). **PENNING, Dietmar** [DE/DE]; Hans-Driesch-Strasse 12, D-50935 Köln (DE).

(74) **HABEL & HABEL**; Am Kanonengraben 11, D-48151 Münster (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 98/49949** (13) A1

(21) PCT/US98/09087

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/045,977 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/28**

(54) ● DURAL CLOSING SURGICAL FORCEPS

● FORCEPS CHIRURGICAL POUR FERMETURE DURALE

(71) **TEGEMENTA, L.L.C** [US/US]; 125A Alexander Walker, Kings Mill On James, Williamsburg, VA 23185 (US).
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(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).

(11) **WO 98/49950** (13) A1

(21) PCT/EP98/02423

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

(25) de (26) de

(31) 197 18 708.0 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/32, 17/22**

(54) ● INSTRUMENT FOR RESECTIONING HAEMORRHOIDS

● INSTRUMENT DE RESECTION D'HEMORROIDES

(71, 72) **BURGARD, Gunther** [DE/DE]; Fasanenweg 7, D-66424 Homburg (DE).

(74) **GRÜNECKER, KINKELDEY, STOCKMAIR & SCHWANHAÜSSER**; Maximilianstrasse 58, D-80538 München (DE).

(81) AU CA CN ID 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 98/49951** (13) A1

(21) PCT/FR98/00815

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

(25) fr (26) fr

(31) 97/05581 (32) **6 May/mai 1997 (06.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/32, 17/28**

(54) ● MODULAR DEVICE FOR ENDOSCOPIC SURGERY AND STANDARD SURGERY

● DISPOSITIF MODULAIRE POUR LA CHIRURGIE ENDOSCOPIQUE ET LA CHIRURGIE CLASSIQUE

(71) **VISCO** [FR/FR]; 13, rue Baudin, Boîte postale 46, F-94211 La Varenne Saint Hilaire Cedex (FR).
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(72, 75) **DESVIGNES, Gérard** [FR/FR]; 272, rue du Prieuré, F-45200 Montargis (FR). **PESELIER, Bernard** [FR/FR]; 8, allée de Birague, F-45210 Ferrieres (FR). **RENTLER, Jacques** [FR/FR]; 16, route de Châtillon, F-45200 Montargis (FR).

(74) **ARMENGAUD, Alain** et al. / etc.; Cabinet Armengaud Ainé, 3, avenue Bugeaud, 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 CY DE DK ES FI FR 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 98/49952** (13) A1

(21) PCT/US98/08862

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/853,165 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/32**

(54) ● MODULAR FILTER WITH DELIVERY SYSTEM

● FILTRE MODULAIRE AVEC SYSTEME D'APPORT

(71) **EMBOL-X, INC.** [US/US]; 3110 Coronado Drive, Santa Clara, CA 95054-3205 (US).

(72) **MAAHS, Tracy, D.**; 312 Sequoia Avenue, Redwood City, CA 94061 (US).

(74) **KAPPOS, John, C.** et al. / etc.; Lyon & Lyon L.L.P., Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

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

(11) **WO 98/49953** (13) A1

(21) PCT/US98/09035

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,112 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/32**

(54) ● ANGLED ROTARY TISSUE CUTTING INSTRUMENT

● INSTRUMENT DE COUPE DE TISSU ROTATIF A INCLINAISON

(71) **XOMED SURGICAL PRODUCTS, INC.** [US/US]; 6743 Southpoint Drive, N., Jacksonville, FL 32216 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ANCTIL, Stephanie, B.** [US/US]; 2328 Alderman Oaks Drive, Jacksonville, FL 32224 (US). **PETERS, Gary** [US/US]; 10317 Triple Crown Avenue, Jacksonville, FL 32257 (US).

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

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

Published / Publiée : (c)

(11) **WO 98/49954** (13) A1

(21) PCT/US97/11342

(22) **27 Jun/juin 1997 (27.06.1997)**

(25) en (26) en

(31) 08/851,134 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/36**

(54) ● GOLD-PLATED ELECTROSURGICAL INSTRUMENT

● INSTRUMENT D'ELECTROCHIRURGIE PLAQUE D'OR

(71, 72) **URUETA, R., Wilfrido** [US/US]; 7010 South Clara Avenue, Tucson, AZ 85706 (US).

(74) **COLLINS, David, W.**; 711 West Los Altos Road, Tucson, AZ 85704 (US).

(81) AL AU BB BG BR CA CN CZ EE GE HU IL IS JP KP KR LK LR LT LV MG MK MN MX NO NZ PL RO SG SI SK TR TT UA 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 TG).

(11) **WO 98/49955** (13) A1

(21) PCT/US98/08706

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

(25) en (26) en

(31) 08/852,360 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 08/858,967 (32) **20 May/mai 1997 (20.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/36**

(54) ● SYSTEM FOR ALTERING TISSUE BENEATH AN OUTER LAYER OF TISSUE

● SYSTEME PERMETTANT DE MODIFIER DES TISSUS SOUS UNE COUCHE EXTERIEURE DE TISSUS

(71, 72) **YAVITZ, Edward, Q.** [US/US]; 3828 Spring Creek Road, Rockford, IL 61114 (US).

(74) **VAN SOMEREN, Robert, A.**; Fletcher, Yoder & Edwards, P.O. Box 692289, Houston, TX 77269-2289 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49956** (13) A1

(21) PCT/US98/08874

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/851,879 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/39**

(54) ● APPARATUS AND METHOD FOR DETERMINING ABLATION

● APPAREIL ET PROCEDE POUR DETERMINER UNE ABLATION

(71) **ENGINEERING & RESEARCH ASSOCIATES, INC.** [US/US]; 500 North Tucson Boulevard, Tucson, AZ 85716 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ACKER, Loren, C.** [US/US]; 4831 Winged Foot Place, Tucson, AZ 85718 (US). **TAYLOR, Junius, E.** [US/US]; 13405 N. 24th Lane, Phoenix, AZ 85029 (US).

(74) **VON HELLENS, C., Robert** et al. / etc.; Cahill, Sutton & Thomas P.L.C., Suite 155, 2141 East Highland, Phoenix, AZ 85016 (US).

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

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(11) **WO 98/49957** (13) A1

(21) PCT/US98/09554

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/853,861 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/39**

(54) ● CARDIAC TISSUE ABLATION DEVICE AND METHOD OF USE

● DISPOSITIF D'ABLATION DE TISSU CARDIAQUE ET PROCEDE D'UTILISATION

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 12th floor, 1111 Franklin Street, Oakland, CA 94607 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LESH, Michael, D.** [US/US]; 301 Monte Vista, Mill Valley, CA 94941 (US).

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

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(11) **WO 98/49958** (13) A1

(21) PCT/US98/08612

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

(25) en (26) en

(31) 08/853,422 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 17/44**

(54) ● OBSTETRICAL VACUUM EXTRACTOR CUP WITH SOFT MOLDED LIP

- VENTOUSE D'EXTRACTEUR PNEUMATIQUE OBSTETRICALE COMPORTANT UNE LEVRE MOULEE SOUPLE
- (71) **PRISM ENTERPRISES, INC.** [US/US]; 6952 Fairgrounds Parkway, San Antonio, TX 78238 (US).
- (72) **HULSE, Jerry, Dwayne**; 19245 Pinto Way, Apple Valley, CA 92308 (US). **WRIGHT, William, Henry**; 24332 Highway 58, Hinkley, CA 92347 (US).
- (74) **RUSCHAU, Pamela, J.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Suite 4900, Two Prudential Plaza, 180 North Stetson, Chicago, IL 60601-6780 (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 98/49959** (13) A1
(21) PCT/ES98/00126
(22) **7 May/mai 1998 (07.05.1998)**
(25) es (26) es
(31) U 9701233 (32) **7 May/mai 1997 (07.05.1997)** (33) ES
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 17/54, A45D 29/05, 29/00, A61H 23/02**
(54) • DEVICE FOR PODOLOGY
• DISPOSITIF DE PODOLOGIE
(71, 72) **URIARTE SALVAT, Angel** [ES/ES]; Calle Sants, 34, E-08014 Barcelona (ES).
(74) **DEL CAMPO CASTEL, Domingo**; Calle Puerto Rico, 8B-1^B, E-28016 Madrid (ES).
(81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/49960** (13) A1
(21) PCT/FR98/00897
(22) **5 May/mai 1998 (05.05.1998)**
(25) fr (26) fr
(31) 97/05641 (32) **7 May/mai 1997 (07.05.1997)** (33) FR
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 17/70**
(54) • OSTEOSYNTHESIS SYSTEM FOR VERTEBRA ARTHRODESIS
• SYSTEME D'OSTEOSYNTHESE POUR ARTHRODESE VERTEBRALE
(71) **AESCLAP-JBS** [FR/FR]; Société Anonyme, Z.I. Savipol A 328, F-10300 Sainte-Savine (FR).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **AMEIL, Marc** [FR/FR]; 4 ter, rue des Coutures, F-51100 Reims (FR). **HUPPERT, Jean** [FR/FR]; 16, allée Châtaignère, F-42580 l'Etrat (FR). **JERMANN, Jean-Louis** [FR/FR]; Boulevard Maréchal Juin, F-52901 Chaumont (FR). **MARNAY, Thierry** [FR/FR]; 290, rue Valéry Larbaud, F-34000 Montpellier (FR).
(74) **DEGRET, Jacques**; Cabinet Aymard & Coutel, 20, rue Vignon, F-75009 Paris (FR).
(81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/49961** (13) A1
(21) PCT/US97/07723
(22) **8 May/mai 1997 (08.05.1997)**
(25) en (26) en
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 17/70**
(54) • ARTICULATING TOGGLE BOLT BONE SCREW
• VIS OSSEUSE COMBINEE A UN BOULON A AILETTES ARTICULE
(71, 72) **MULLANE, Thomas, S.** [US/US]; 1201 River Reach Drive, No. 512, Ft. Lauderdale, FL 33315 (US).
(74) **SLAVIN, Michael, A.**; McHale & Slavin, Suite 402, 4440 PGA Boulevard, Palm Beach Gardens, FL 33410 (US).
(81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/49962** (13) A1
(21) PCT/US98/09179
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 08/850,935 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 17/72**
(54) • BIOABSORBABLE INTERMEDULLARY IMPLANT SYSTEMS AND METHODS OF USE
• SYSTEMES D'IMPLANTS INTERMEDULLAIRES BIOABSORBABLES ET LEURS PROCÉDES D'UTILISATION
(63) US 08/850,935 (CON) 5 May/mai 1997 (05.05.1997)
(71) **THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 7703 Floyd Curl, San Antonio, TX 78284 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **CAMPBELL, Robert, M., Jr.** [US/US]; (US). **AGRAWAL, C., Mauli** [-/US]; 7703 Floyd Curl, San Antonio, TX 78284 (US).
(74) **HENRY, David, G.**; Jenkins & Gilchrist, 1800 Frost Bank Tower, 100 West Houston Street, San Antonio, TX 78205 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49963** (13) A1
(21) PCT/IL98/00214
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 120811 (32) **8 May/mai 1997 (08.05.1997)** (33) IL
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 19/00**

- (54) • METHOD AND APPARATUS FOR PERFORMING TRANSMYOCARDIAL REVASCULARIZATION
• PROCEDE ET DISPOSITIF SERVANT A EFFECTUER UNE REVASCULARISATION TRANSMYOCARDIQUE
(71) **LASER INDUSTRIES LTD.** [IL/IL]; Kiryat Atidim, Neve Sharet, Building 1, 2nd floor, 61131 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SLATKINE, Michael** [IL/IL]; Brenner Street 59, 46427 Herzliya (IL). **TALPALARIU, Gerald** [IL/IL]; Reiness Street 40, 49267 Petach Tikva (IL). **SCHLEIFER, Ricardo** [IL/IL]; Iris Street 9, 44278 Kfar Saba (IL). **ROZENBERG, Ytzhak** [IL/IL]; Shderot Jerusalem 57, 52371 Ramat Gan (IL).
(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 98/49964** (13) A1
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(22) **4 May/mai 1998 (04.05.1998)**
(25) en (26) en
(31) 60/045,991 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(31) 60/045,992 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(31) 60/046,003 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(31) 60/046,866 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(31) 60/073,309 (32) **29 Jan/jan 1998 (29.01.1998)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61B 19/00**
(54) • TMR STENT AND DELIVERY SYSTEM
• PROTHESE ENDOVASCULAIRE DE REVASCULARISATION DU MYOCARDE ET SYSTEME DE MISE EN PLACE
(71) **C. R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).
(72) **GAMBALE, Richard, A.**; 382 Dunstable Road, Tyngsboro, MA 01879 (US).
(74) **PERULLO, John, F.**; Kirkpatrick & Lockhart LLP, One International Place, Boston, MA 02110 (US).
(81) BR CA CN JP MX RU.

- (11) **WO 98/49965** (13) A1
(21) PCT/US98/07064
(22) **9 Apr/avr 1998 (09.04.1998)**
(25) en (26) en
(31) 08/851,910 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61B 19/08**

- (54) ● SURGICAL DRAPE
● CHAMP OPERATOIRE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **NEWMAN, Charles, L.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **BAUER, Stephen, W.** et al. / etc.; Office of Intellectual Property Counsel, P.O. Box 33427, Saint-Paul, MN 55133-3427 (US).

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

(11) **WO 98/49966** (13) A1

(21) PCT/AT98/00115

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) A 766/97 (32) **5 May/mai 1997 (05.05.1997)** (33) AT

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61C 17/04, B04B 15/08**

- (54) ● SUCTION DEVICE FOR A FREE-FLOWING MEDIUM
● DISPOSITIF D'ASPIRATION POUR MILIEU APTE A L'ECOULEMENT

(71, 72) **PREGENZER, Bruno** [AT/AT]; Untermieming 45a, A-6114 Mieming (AT).

(74) **TORGGLER, Paul** et al. / etc.; Wilhelm-Grailstrasse 16, A-6020 Innsbruck (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 98/49967** (13) A1

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(25) en (26) en

(31) 08/850,217 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/00, D04B 21/10**

- (54) ● PROSTHETIC REPAIR FABRIC
● MATERIAU PROTHETIQUE DE REPARATION A MAILLES

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

(72) **ELDRIDGE, Stephen, N.**; 11 Hazelbush Drive, Cranston, RI 02921 (US). **TITONE, Milo, A.**; 4 Granite Road, Wilmington, DE 19803 (US).

(74) **HONEYMAN, Jason, M.**; 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).

(11) **WO 98/49968** (13) A1

(21) PCT/US98/08694

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

(25) en (26) en

(31) 08/850,203 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/00**

- (54) ● URINARY CONTROL VALVE
● SOUPAPE DE COMMANDE DE MICTION

(71) **OPTICON MEDICAL INC.** [US/US]; Suite 106, 2910 Westown Parkway, West Des Moines, IA 50266 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SALAMA, Fouad, A.** [-/US]; Suite 106, 2910 Westown Parkway, West Des Moines, IA 50266 (US).

(74) **MCKEE, Bruce, W.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).

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

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(11) **WO 98/49969** (13) A1

(21) PCT/US98/09432

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,372 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/00, 2/02, 2/24, 13/00, A01N 1/02**

- (54) ● CHEMICAL CLEANING OF BIOLOGICAL MATERIAL
● NETTOYAGE CHIMIQUE DE MATIERE BIOLOGIQUE

(63) US 08/853,372 (CIP)
8 May/mai 1997 (08.05.1997)

(71) **ORGANOGENESIS INC.** [US/US]; 150 Dan Road, Canton, MA 02021 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABRAHAM, Ginger, A.** [US/US]; 62 Lake Street, Braintree, MA 02184 (US). **CARR, Robert, M., Jr.** [US/US]; 289 Vermont Street, West Roxbury, MA 02132 (US). **KEMP, Paul, D.** [GB/GB]; 16 Chadkirk Road, Romiley SK6 3JY (GB). **MERCER, Ryan** [US/US]; 102 Queensbury Street #10, Boston, MA 02215 (US). **BAKER, Linda** [US/US]; 133 Tremont Street, Taunton, MA 02780 (US).

(74) **BAKER, Hollie, L.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49970** (13) A1

(21) PCT/US97/13492

(22) **31 Jul/juil 1997 (31.07.1997)**

(25) en (26) en

(31) 08/850,415 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/02, 9/02, 13/02, A61K 9/20, 9/48**

- (54) ● N-METHYL-D-ASPARTATE (NMDA) RECEPTOR BLOCKERS FOR THE PREVENTION OF ATHEROSCLEROSIS

● AGENTS BLOQUANTS DU RECEPTEUR DE N-METHYL-D-ASPARTATE (NMDA) UTILISES DANS LA PREVENTION DE L'ATHEROSCLEROSE

(71) **BOARD OF REGENTS OF THE UNIVERSITY OF NEBRASKA** [US/US]; 3835 Holdrege Street, Lincoln, NE 68503 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROSENQUIST, Thomas, H.** [US/US]; 3835 Holdrege Street, Lincoln, NE 68503 (US). **MONAGHAN, Daniel, T.** [US/US]; 3835 Holdrege Street, Lincoln, NE 68503 (US). **GADSON, Preston, F.** [US/US]; 3835 Holdrege Street, Lincoln, NE 68503 (US). **ANDALORO, Vincent, J.** [US/US]; 3835 Holdrege Street, Lincoln, NE 68503 (US).

(74) **NEBEL, Heidi, S.**; Zarley, McKee, Thomte, Voorhees & Sease, Suite 3200, 801 Grand Avenue, Des Moines, IA 50309-2721 (US).

(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).

(11) **WO 98/49971** (13) A1

(21) PCT/US98/09542

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/853,807 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/04, A61M 25/01, 25/09, 25/14**

- (54) ● PANCREATIC STENT AND INSTRUMENTATION THEREOF
● EXTENSEUR PANCREATIQUE ET SON EQUIPEMENT D'INSTRUMENTS

(71) **ADVANCED MEDICAL CONCEPTS, INC.** [US/US]; 3517 Galway Court, Iowa City, IA 52246 (US).

(72) **JOHLIN, Frederick, C., Jr.**; 3517 Galway Court, Iowa City, IA 52246 (US).

(74) **WAGNER, Vincent, O.** et al. / etc.; Woodard, Emhardt, Naughton, Moriarty & McNett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (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 98/49972** (13) A2

(21) PCT/US98/08692

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

(25) en (26) en

(31) 08/850,812 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/06, 2/24**

(54) ● DIFFERENTIAL TREATMENT OF PROSTHETIC DEVICES

● TRAITEMENT DIFFERENTIEL DE DISPOSITIFS DE PROTHESE

(71) **ST. JUDE MEDICAL, INC.** [US/US]; One Lillehei Plaza, St. Paul, MN 55117 (US).

(72) **WILLIAMS, R., Brian**; 1502 Rocky Lane, Eagan, MN 55122 (US). **SCHROEDER, Richard, F.**; 4675 Gershwin Avenue North, Oakdale, MN 55128 (US). **OGLE, Matthew, F.**; 1734 Princeton Avenue, St. Paul, MN 55105 (US).

(74) **DARDI, Peter, S.**; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (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).

(11) **WO 98/49973** (13) A1

(21) PCT/US98/09391

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/853,647 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 08/886,600 (32) **1 Jul/juil 1997 (01.07.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/14**

(54) ● ORBITAL IMPLANT PEGS

● CHEVILLES POUR IMPLANTS ORBITAUX

(71) **ORBITAL IMPLANTS TECHNOLOGY** [US/US]; 12526 High Bluff Drive, San Diego, CA 92130 (US).

(72) **PERRY, Arthur, C.**; 16418 La Via Feliz, Rancho Santa Fe, CA 92067-1102 (US).

(74) **BUCHACA, John, D.** et al. / etc.; Suite 150, 1545 Hotel Circle South, San Diego, CA 92108-3412 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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)

(11) **WO 98/49974** (13) A1

(21) PCT/US98/09191

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/851,572 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/24**

(54) ● LOW PROFILE INTRODUCER AND ROTATOR FOR A HEART VALVE PROSTHESIS

● DISPOSITIF DE FAIBLE ENCOMBREMENT POUR INTRODUIRE ET FAIRE TOURNER UNE PROTHESE DE VALVULE CARDIAQUE

(71) **SULZER CARBOMEDICS INC.** [US/US]; 1300 East Anderson Lane, Austin, TX 78752 (US).

(72) **CAMPBELL, Louis, A.**; 8122 Raintree Place, Austin, TX 78752 (US). **MABREY, Jeffrey, M.**; 10402 Grand Oak Drive, Austin, TX 78750 (US). **HEINRICH, Christopher, A.**; 4803 Transit Circle, Austin, TX 78727 (US).

(74) **BARROW, Kenneth, S.**; 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).

(11) **WO 98/49975** (13) A1

(21) PCT/FR98/00879

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

(25) fr (26) fr

(31) 97/05465 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/44**

(54) ● IMPLANT IN PARTICULAR FOR REPLACING A BODY OF VERTEBRAE IN BACKBONE SURGERY

● IMPLANT NOTAMMENT POUR LE REMPLACEMENT D'UN CORPS VERTEBRAL EN CHIRURGIE DU RACHIS

(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). **MANGIONE, Paolo** [FR/FR]; 73, rue Xavier Arnoz, F-33600 Pessac (FR).

(74) **MARTIN, Jean-Jacques**; 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).

(11) **WO 98/49976** (13) A1

(21) PCT/CN98/00062

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) zh (26) zh

(31) 97 1 10134.5 (32) **8 May/mai 1997 (08.05.1997)** (33) CN

(31) 98 1 06723.9 (32) **4 Mar/mar 1998 (04.03.1998)** (33) CN

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/50, B25J 18/06**

(54) ● AN ARTIFICIAL TUBULAR MUSCLE AND APPLICATION THEREOF

● MUSCLE ARTIFICIEL TUBULAIRE ET SES APPLICATIONS

(71, 72) **HUANG, Shangli** [CN/CN]; No. 4 Building, Room 24, The 3rd Tielu Village, Nanchang City, Jiangxi Province 330002 (CN).

(74) **CHINA SCIENCES PATENT AGENT LIMITED**; 6/F, No. 100 East Zhongguancun Road, Beijing 100080 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49977** (13) A1

(21) PCT/US98/08975

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,704 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 2/80**

(54) ● DUAL DUROMETER SILICONE LINER FOR PROSTHESIS

● REVETEMENT SILICONE DOUBLE A DU-RETE REGULEE POUR PROTHESE

(71) **OSSUR HF** [IS/IS]; Grjótháls 5, IS-110 Reykjavik (IS). **OSSUR USA, INC.** [US/US]; 6385 B Rose Lane, Carpinteria, CA 93013 (US).

(72) **KRISTINSSON, Ossur**; Saebolsbraut 42, IS-200 Kopavogur (IS). **JANUSSON, Hilmar, Br.**; Valhusabraut 33, IS-170 Seltjarnarnes (IS).

(74) **KENNEY, J., Ernest** et al. / etc.; Bacon & Thomas, 4th floor, 625 Slaters Lane, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49978** (13) A2

(21) PCT/EP98/02521

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

- (25) de (26) de
 (31) 197 18 674.2 (32) **2 May/mai 1997** (33) DE
 (02.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61F 5/00**
 (54) ● CERVICAL BRACE
 ● MINERVE
 (71, 72) **GIEBELER, Wolfgang** [DE/DE]; Eisenbach-
 weg 16, D-61267 Neu-Anspach (DE).
 (74) **OPPERMANN, Frank** et al. / etc.;
 John-F.-Kennedy-Strasse 4, D-65189 Wies-
 baden (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).

- (11) **WO 98/49979** (13) A1
 (21) PCT/DE98/01231
 (22) **4 May/mai 1998** (04.05.1998)
 (25) de (26) de
 (31) 197 19 140.1 (32) **7 May/mai 1997** (33) DE
 (07.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61F 5/058**
 (54) ● SWIVELLING FRACTURE ORTHOSIS
 ● ORTHESE PIVOTANTE POUR FRACTURE
 (71, 72) **GOTTSMANN, Gert** [DE/DE]; Gräfelinger
 Strasse 50, D-81375 München (DE).
 (72, 75) **PRALL, Paul** [DE/DE]; Blumenstrasse 16,
 D-85238 Petershausen (DE). **PETRA, Elke**
 [DE/DE]; Lärchenstrasse 28, D-85646 Anzing
 (DE).
 (74) **PETRA, Elke**; Kanzlei Petra & Zieger, Neue
 Poststrasse 21, D-85598 Baldham (DE) et al. /
 etc.
 (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 98/49980** (13) A1
 (21) PCT/DK98/00173
 (22) **4 May/mai 1998** (04.05.1998)
 (25) en (26) en
 (31) 0525/97 (32) **6 May/mai 1997** (33) DK
 (06.05.1997)
 (31) 0851/97 (32) **11 Jul/juil 1997** (33) DK
 (11.07.1997)
 (31) 0014/98 (32) **7 Jan/jan 1998** (33) DK
 (07.01.1998)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61F 5/48 // 2/48**
 (54) ● DEVICE FOR PREVENTION OF INVOLUN-
 TARY URINATION
 ● DISPOSITIF POUR LA PREVENTION DE
 L'ENURESIE

- (71) **COLOPLAST A/S** [DK/DK]; 1 Høltedam,
 DK-3050 Humlebæk (DK).
 (for all designated States except / pour tous les États
 désignés sauf US)
 (72, 75) **JENSEN, Hanne** [DK/DK]; Hyrdevangen 63,
 DK-2400 Koebenhavn NV (DK). **MARKER-
 SEN, Karina** [DK/DK]; Violvej 13, DK-2820
 Gentofte (DK). **TANGHOEJ, Allan** [DK/DK];
 Jellerod Have 59, DK-2980 Kokkedal (DK).
MORTENSEN, Anna [DK/DK]; Enebaerhaven
 711, DK-2980 Kokkedal (DK). **TORSTENSEN,
 Jan** [DK/DK]; Egeloevsvej 30, DK-2830 Virum
 (DK). **NIELSEN, Henrik, Lindenskov** [DK/DK];
 Aeblevangen 120, DK-2765 Smørum (DK).
RINGAARD, Marianne, Saaby [DK/DK]; H.A.
 Clausensvej 26, DK-2820 Gentofte (DK). **BAHT,
 Birgitte** [DK/DK]; Frølichsvvej 11, DK-2930
 Klampenborg (DK). **BENZON, Suzanne, Eis**
 [DK/DK]; Endrupvej 31, DK-3480 Fredensborg
 (DK).
 (74) **COLOPLAST A/S**; Patent Dept., Att.: Kim Ni-
 lausen, Høltedam 1, DK-3050 Humlebæk (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 HÜ ID IL IS JP KE KG KP
 KR KZ 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 98/49981** (13) A1
 (21) PCT/US98/08588
 (22) **1 May/mai 1998** (01.05.1998)
 (25) en (26) en
 (31) 08/850,705 (32) **2 May/mai 1997** (33) US
 (02.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61F 5/56**
 (54) ● APPARATUS AND METHOD FOR THE RE-
 DUCION OF SNORING
 ● APPAREIL ET PROCEDE POUR REDUIRE
 LE RONFLEMENT
 (71, 72) **MEADE, Thomas, E.** [US/US]; 215 16th
 Street, S.W., Albuquerque, NM 87104 (US).
 (74) **JILLIONS, Ronni, S.** 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).
- (11) **WO 98/49982** (13) A1
 (21) PCT/AU97/00665
 (22) **7 Oct/oct 1997** (07.10.1997)
 (25) en (26) en
 (31) PO 6620 (32) **5 May/mai 1997** (33) AU
 (05.05.1997)

- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61F 7/02**
 (54) ● COMPRESS
 ● COMPRESSE
 (71, 72) **CUNLIFFE, Marlene, Joy** [AU/AU]; 245 Pa-
 kenham Road, Pakenham, VIC 3810 (AU).
 (74) **COWIE, Andrew, W.**; Sandercock & Cowie, 69
 Robinson Street, Dandenong, VIC 3175 (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 HU ID
 IL IS JP KE KG KP KR KZ LC LK LR LS LT
 LU LV MD MG MK MN MW MX NO 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).

- (11) **WO 98/49983** (13) A1
 (21) PCT/US98/08843
 (22) **1 May/mai 1998** (01.05.1998)
 (25) en (26) en
 (31) 08/850,320 (32) **2 May/mai 1997** (33) US
 (02.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61F 11/00**
 (54) ● EXPANDABLE STENT APPARATUS AND
 METHOD
 ● PROTHESE ENDOVASCULAIRE EXTEN-
 SIBLE ET PROCEDE
 (71) **MICRO THERAPEUTICS, INC.** [US/US]; 1062
 F Calle Negocio, San Clemente, CA 92672 (US).
 (72) **BRENNEMAN, Rodney**; 34002 Los Palmas Del
 Mar, San Juan Capistrano, CA 92675 (US).
 (74) **CROCKETT, K., David**; Crockett & Fish, 4093
 Tropicow Way, Los Angeles, CA 90065 (US).
 (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR
 GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/49984** (13) A1
 (21) PCT/US98/09429
 (22) **8 May/mai 1998** (08.05.1998)
 (25) en (26) en
 (31) 08/853,214 (32) **9 May/mai 1997** (33) US
 (09.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61F 11/12**
 (54) ● ERGONOMIC BANDED EAR PLUG
 ● BOUCHE-OREILLES ERGONOMIQUE A
 CORDON
 (71) **MINNESOTA MINING AND MANUFACTU-
 RING COMPANY** [US/US]; 3M Center, P.O. Box
 33427, Saint Paul, MN 55133-3427 (US).
 (72) **LINDGREN, Mats, Ernst, Gustav**; AB Kompo-
 sitproduktur Vikmanshyttan, P.O. Box 2, S-776 02
 Vikmanshyttan (SE). **STIGERS, Lars, Henrik**;
 AB Kompositprodukter Vikmanshyttan, P.O. Box 2,
 S-776 02 Vikmanshyttan (SE). **FOSLIEN, Floyd,
 L.**; P.O. Box 33427, Saint Paul, MN 55133-3427
 (US). **PALAIKIS, Liana, V.**; P.O. Box 33427,
 Saint Paul, MN 55133-3427 (US).

(74) **ROGERS, James, A.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

Published / Publiée : (c)

(11) **WO 98/49985** (13) A2

(21) PCT/US98/09140

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/841,812 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(31) 09/040,038 (32) **17 Mar/mar 1998 (17.03.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 13/00**

(54) ● NOVEL CASTING TAPE ARTICLE AND METHOD FOR MOLDING CASTS

● NOUVELLE BANDE PLÂTRÉE ET PROCÉDE POUR REALISER DES MOULAGES ORTHOPÉDIQUES

(71) **EBI MEDICAL SYSTEMS, INC.** [US/US]; 6 Upper Pond Road, Parsippany, NJ 07054-0346 (US).

(72) **ALVAREZ, Jose, A.**; Apartment 25-201, 4781 South Citation Drive, Delray Beach, FL 33445 (US). **MORRIS, Roy, A.**; 9068 Vineyard Lake Drive, Plantation, FL 33324 (US). **DOUBLEDAY, Walter, D.**; 407 North Loxahatchee Drive, Jupiter, FL 33458 (US). **PEREZ, Marshall, L.**; 22 Radcliffe Drive, Succasunna, NJ 07876 (US). **DELUCA, Joseph, R.**; 67 Hidden Glen Drive, Sparta, NJ 07871 (US). **MAHAFFEY, J., Scott.**; 57 Duck Hawk Court, Hackettstown, NJ 07840 (US).

(74) **BUDDE, Anna, M.** et al. / etc.; Harness, Dickey & Pierce, P.L.C., P.O. Box 828, Bloomfield Hills, MI 48303 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/49986** (13) A1

(21) PCT/FR98/00894

(22) **4 May/mai 1998 (04.05.1998)**

(25) fr (26) fr

(31) 97/05749 (32) **5 May/mai 1997 (05.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 13/08**

(54) ● COMPRESSION STOCKING
● JAMBIÈRE DE COMPRESSION

(71) **GROUPE RECHERCHE MICHEL SERVET** [FR/FR]; Chemin de la Coume, F-09300 Lavelanet (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHANTEREAU, Jean-Paul** [FR/FR]; 18, rue des Quatre Sergents, F-17000 La Rochelle (FR). **CORNU-THENARD, André** [FR/FR]; 2, rue

Faidherbe, F-75011 Paris (FR). **LANCE, Georges** [FR/FR]; 1, rue du Figarol, F-65000 Tarbes (FR). **MOLLARD, Jean-Marc** [FR/FR]; 21, montée Haute Bise, F-73000 Chambéry (FR). **RODIER, Alain** [FR/FR]; 2, rue Joseph Delsaut, F-09300 Lavelanet (FR). **STOLK, Robert** [NL/NL]; Kalverdijk 36, NL-1747 GM Tuijthorn (NL).

(74) **CABINET BARRE LAFORGUE & ASSOCIES**; 95, rue des Amidonniers, F-31000 Toulouse (FR).

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

Published / Publiée : (c)

(11) **WO 98/49987** (13) A1

(21) PCT/US98/04052

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) en (26) en

(31) 08/853,425 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 13/15**

(54) ● ABSORBENT BARRIER SHEET AND METHOD OF MAKING SAME

● FEUILLE BARRIÈRE ABSORBANTE ET PROCÉDE DE FABRICATION CORRESPONDANT

(71) **INTELLITECS INTERNATIONAL INC.** [US/US]; Suite 430, 5412 Courseview Drive, Mason, OH 45040 (US).

(72) **CONWAY, David, W.**; 6546 Heritage Club Drive, Mason, OH 45040 (US).

(74) **GROSSMAN, Kurt, L.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

(11) **WO 98/49988** (13) A1

(21) PCT/US98/08701

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

(25) en (26) en

(31) 08/853,761 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61F 13/15**

(54) ● DISPOSABLE ABSORBENT ARTICLE WITH UNITARY LEG GATHERS

● ARTICLE ABSORBANT A JETER A ELEMENTS DE RECUEIL SEPARES

(71) **PARAGON TRADE BRANDS, INC.** [US/US]; 180 Technology Parkway, Norcross, GA 30092 (US).

(72) **PIENIAK, Heinz, A.**; 25107 8th Place South, Des Moines, WA 98198 (US). **HUFFMAN, Gloria**; P.O. Box 3460, Kent, WA 98032 (US). **RILEY, Jill, M.**; 4269 South 290th, Auburn, WA 98001 (US).

(74) **HOOVER, Allen, J.** et al. / etc.; Rockey, Milnamow & Katz, Ltd., Two Prudential Plaza, Suite 4700, 180 North Stetson Avenue, Chicago, IL 60601 (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 98/49989** (13) A2

(21) PCT/DE98/01279

(22) **7 May/mai 1998 (07.05.1998)**

(25) de (26) de

(31) 197 20 769.3 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61G 5/00**

(54) ● METHOD AND DEVICE FOR CLEANING SHOES, WHEELS AND ALL TYPES OF ROLLERS

● PROCÉDE ET DISPOSITIF POUR NETTOYER DES CHAUSSURES, AINSI QUE DES ROUES ET DES ROULETTES DE TOUT TYPE

(71) **2R REHA-TECHNIK GMBH** [DE/DE]; Neuendorfer Anger 12, D-14482 Potsdam (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERG, Gunther** [DE/DE]; Ganghoferstrasse 7, D-14476 Neu-Fährland (DE). **HOLTKAMP, Viola** [DE/DE]; Flämingsstrasse 9, D-12163 Berlin (DE). **SPALTMANN, Dirk** [DE/DE]; Am Schepersfeld 7, D-46485 Wesel (DE).

(74) **DIMPER, Dieter, A.**; Gulde Hengelhaupt Ziebig, Zweibrückenstrasse 17, D-80331 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49990** (13) A1

(21) PCT/US97/07911

(22) **8 May/mai 1997 (08.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61H 1/00**

(54) ● SHOULDER PHYSICAL THERAPY DEVICE
● DISPOSITIF DE PHYSIOTHERAPIE POUR L'ÉPAULE

(71) **DYNASPLINT SYSTEMS, INC.** [US/US]; 645 Baltimore Annapolis Boulevard, Severna Park, MD 21146-3937 (US).

(72) **HEPBURN, George, R.**; 1 Cedar Point Road, Severna Park, MD 21146 (US). **VEDELOFF, Russell**; Route 1, Box 410-17, Greensboro, MD 21639 (US).

(74) **GAMSON, Robert, M.**; Bloom & Kreten, Suite 905, 401 Washington Avenue, Towson, MD 21204 (US).

(81) AL AM AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KG KP KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA 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).

- (11) **WO 98/49991** (13) A1
 (21) PCT/PL98/00019
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) P.319821 (32) **6 May/mai 1997 (06.05.1997)** (33) PL
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61H 3/00**
 (54) ● APPARATUS ENABLING DISABLED PERSONS TO WALK
 ● APPAREIL DE MARCHÉ POUR PERSONNES HANDICAPÉES
 (71) **POLITECHNIKA WARSZAWSKA** [PL/PL]; Pl. Politechniki 1, PL-00-661 Warszawa (PL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **OLEDZKI, Andrzej** [PL/PL]; ul. Górska 7 m.44, PL-00-749 Warszawa (PL). **SZYMCZAK, Bogdan** [PL/PL]; ul. Gen. Wł. Andersa 21 B m.4, PL-00-159 Warszawa (PL).
 (74) **KUCINSKI, Paweł**; ul. Noakowskiego 18/20, PL-00-668 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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)

- (11) **WO 98/49992** (13) A1
 (21) PCT/AU98/00320
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) PO 6534 (32) **1 May/mai 1997 (01.05.1997)** (33) AU
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61H 5/00**
 (54) ● METHOD AND APPARATUS FOR STIMULATING THE VISUAL SYSTEM
 ● PROCEDE ET APPAREIL DE STIMULATION DU SYSTEME VISUEL
 (71, 72) **GRUDENICH-DIX, Robin, Leslie** [AU/AU]; 55 The Esplanade, St. Lucia, QLD 4067 (AU).
 (74) **GRIFFITH HACK**; G.P.O. Box 3125, Brisbane, QLD 4001 (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).

- (11) **WO 98/49993** (13) A1
 (21) PCT/GB98/01317
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en

- (31) 9709275.3 (32) **7 May/mai 1997 (07.05.1997)** (33) GB
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61H 31/02, F16K 11/074**
 (54) ● VALVE AND OSCILLATOR FOR PRODUCING A PRESSURE WAVEFORM
 ● SOUPAPE ET OSCILLATEUR PERMETTANT DE PRODUIRE UNE FORME D'ONDE DE PRESSION
 (71, 72) **HAYEK, Zamir** [GB/GB]; 10 Downage, London NW4 1AA (GB).
 (74) **NEOBARD, William, John** et al. / etc.; Page White & Farrer, 54 Doughty Street, London WC1N 2LS (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 98/49994** (13) A1
 (21) PCT/FR98/00914
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) fr (26) fr
 (31) 9705675 (32) **7 May/mai 1997 (07.05.1997)** (33) FR
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61J 1/20**
 (54) ● DEVICE FOR DISSOLVING A FREEZE-DRIED PRODUCT, CONTAINED IN A DISPOSABLE CARTRIDGE USED IN AN INJECTION DEVICE WITHOUT NEEDLE
 ● DISPOSITIF DE MISE EN SOLUTION D'UN PRODUIT LYOPHILISE, CONTENU DANS UNE CARTOUCHE A USAGE UNIQUE UTILISEE DANS UN DISPOSITIF D'INJECTION SANS AIGUILLE
 (71) **ENDOSCOPIC** [FR/FR]; Route de Blévy, F-28170 Laons (FR).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **MOREAU DEFARGES, Alain** [FR/FR]; 2, avenue Léopold II, F-75016 Paris (FR). **MOREAU DEFARGES, Xavier** [FR/FR]; 80, rue de la Liberté, F-92150 Suresnes (FR).
 (74) **ARMENGAUD, Alain** et al. / etc.; Cabinet Armengaud Ainé, 3, avenue Bugeaud, 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

- (71) **YUAN TAI ENTERPRISE COMPANY** [US/US]; Suite 128, 108 N. Ynez Avenue, Monterey Park, CA 91754 (US).
 (71, 72) **TSENG, Wen-Pin** [---]; 3 Fl., 230, Sec. 1, Hwa Mei West Street, Taichung (TW).
 (74) **CHAN, Raymond, Y.**; 516 San Luis Rey Road, Arcadia, CA 91007 (US).

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

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- (11) **WO 98/49995** (13) A1
 (21) PCT/GB98/01165
 (22) **22 Apr/avr 1998 (22.04.1998)**
 (25) en (26) en

- (31) 9709028.6 (32) **2 May/mai 1997 (02.05.1997)** (33) GB
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61J 9/02, G01K 11/16**
 (54) ● LIQUID CONTAINER WITH TEMPERATURE SENSOR
 ● CONTENANT DESTINE A RECEVOIR UN LIQUIDE ET DOTE D'UN CAPTEUR DE TEMPERATURE
 (71) **JACKEL INTERNATIONAL LIMITED** [GB/GB]; Dudley Lane, Cramlington, Northumberland NE23 7RH (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **REES, Arnold, Edward** [GB/GB]; 9 Melmerby Close, Whitebridge Park, Gosforth, Newcastle upon Tyne NE3 5JA (GB).
 (74) **SANDERSON, Michael, J.** 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).

- (11) **WO 98/49996** (13) A1
 (21) PCT/US98/08323
 (22) **24 Apr/avr 1998 (24.04.1998)**
 (25) en (26) en
 (31) 08/827,988 (32) **4 May/mai 1997 (04.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61J 9/02**
 (54) ● INFANT NURSING BOTTLE WITH MIXING ELEMENT
 ● BIBERON MUNI D'UN ELEMENT MELANGEUR

- (71) **YUAN TAI ENTERPRISE COMPANY** [US/US]; Suite 128, 108 N. Ynez Avenue, Monterey Park, CA 91754 (US).
 (71, 72) **TSENG, Wen-Pin** [---]; 3 Fl., 230, Sec. 1, Hwa Mei West Street, Taichung (TW).
 (74) **CHAN, Raymond, Y.**; 516 San Luis Rey Road, Arcadia, CA 91007 (US).
 (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 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/49997** (13) A1
 (21) PCT/US98/09325
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/852,900 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 6/06, 6/08, C03B 25/00, C08K 3/34, 9/06, C08L 33/02, 33/10**(54) ● REINFORCEMENT OF DENTAL AND OTHER COMPOSITE MATERIALS
● RENFORCEMENT DE MATERIAUX COMPOSITES DENTAIRE ET AUTRES(71) **AMERICAN DENTAL ASSOCIATION HEALTH FOUNDATION** [US/US]; National Institute of Standards and Technology, Paflenbarger Research Center, Building 224, Room A-153, Gaithersburg, MD 20899 (US).(72) **XU, Huakun**; 112 Apple Blossom Way, Gaithersburg, MD 20878 (US). **EICHMILLER, Frederick, C.**; 2709 Loch Have Drive, Ijamsville, MD 21754 (US).(74) **DREHKOFF, W., Dennis**; Banner & Witcoff, Ltd., 10 South Wacker Drive, Chicago, IL 60606 (US).

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

(11) **WO 98/49998** (13) A2

(21) PCT/EP98/02501

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

(25) de (26) de

(31) 197 19 122.3 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/00**

(54) ● USE OF GLYCOSIDIC SILICON COMPOUNDS FOR PRODUCING COSMETIC AND/OR PHARMACEUTICAL PREPARATIONS

● UTILISATION DE COMPOSES DE SILICIUM GLYCOSIDIQUES POUR LA PRODUCTION DE PREPARATIONS COSMETIQUES ET/OU PHARMACEUTIQUES

(71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE). **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) **KAHRE, Jörg** [DE/DE]; Am Treppchen 8, D-42799 Leichlingen (DE). **ANSMANN, Achim** [DE/DE]; Kirchberg 25, D-40699 Erkrath (DE). **KOESTER, Josef** [DE/DE]; Fährstrasse 226, D-40221 Düsseldorf (DE). **HUBER, Annemarie** [DE/DE]; Dahlienweg 3, D-84533 Haibling (DE). **WIMMER, Franz** [DE/DE]; Astenweg 1 a, D-84489 Burghausen (DE). **SEJPKA, Johann** [DE/DE]; Tannenweg 2, D-84553 Markt (DE).

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

(11) **WO 98/49999** (13) A2

(21) PCT/EP98/02795

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 97201304.9 (32) **2 May/mai 1997 (02.05.1997)** (33) EP

(34) AT et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/00**

(54) ● ANTIMICROBIAL COMPOSITIONS FOR TOPICAL USE

● COMPOSITIONS ANTIMICROBIENNES DESTINEES A UN USAGE TOPIQUE

(71) **GIST-BROCADES B.V.** [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **LAMBERS, Johannes, Wilhelmus, Jacobus** [NL/NL]; Altena 10, NL-2641 LB Pijnacker (NL). **STREEKSTRA, Hugo** [NL/NL]; Weteringstraat 28 I, NL-1017 SP Amsterdam (NL).(74) **VISSER-LUIRINK, Gesina** et al. / etc.; Gist-Brocades B.V., Patents and Trademarks Dept., Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).

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

(11) **WO 98/50000** (13) A2

(21) PCT/IB98/00977

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,167 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/00**

(54) ● COSMETIC PARTICULATE GEL CARRIERS FOR TOPICALLY APPLIED ACTIVE AGENTS

● EXCIPIENTS SOUS FORME DE GEL PARTICULAIRE COSMETIQUE POUR AGENTS ACTIFS APPLIQUES LOCALEMENT

(71) **KOBO PRODUCTS, INC.** [US/US]; 690 Monroe Avenue, South Plainfield, NJ 07080 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **DELRIEU, Pascal** [FR/FR]; 18, rue Camille Claudel, F-31320 Castanet Tolosan (FR). **DING, Li** [FR/FR]; 3, rue Mouloudji, F-31320 Castanet Tolosan (FR).

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

(11) **WO 98/50001** (13) A1

(21) PCT/US98/05406

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

(25) en (26) en

(31) 08/854,016 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/00**

(54) ● EMULSIFIER COMPOSITION FOR SKIN CARE FORMULATIONS

● COMPOSITION EMULSIFIANTE POUR FORMULATIONS DE SOIN DE LA PEAU

(71) **ISP INVESTMENTS INC.** [US/US]; 818 Washington Street, Wilmington, DE 19801 (US).(72) **REREK, Mark**; 2316 Concord Road, Scotch Plains, NJ 07076 (US). **ZUCKER, Elliott**; Bee Hollow Road, R.R. 1, Box 963, Shohola, PA 18458 (US). **DAHMS, Gerhard**; Beernbunsh 11, D-42549 Velbert (DE).(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).

(11) **WO 98/50002** (13) A1

(21) PCT/US98/06071

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

(25) en (26) en

(31) 08/854,038 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/00**

(54) ● COSMETIC STICKS CONTAINING MICROCAPSULES

● BATONS COSMETIQUES RENFERMANT DES MICROCAPSULES

(71) **AVON PRODUCTS, INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 11020-1196 (US).(72) **PAHLCK, Harold, E.**; 36 Leonard Drive, Waldwick, NJ 07463 (US). **FLEISSMAN, Leona, Giat**; 402 Stevens Avenue, Ridgewood, NJ 07450 (US).(74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, Suite 903, One Landmark Square, Stamford, CT 06901-2682 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50003** (13) A1

(21) PCT/US98/09006

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/853,992 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/00**

(54) ● COSMETIC COMPOSITIONS CONTAINING SMECTITE GELS

● COMPOSITIONS COSMETIQUES RENFERMANT DES GELS DE SMECTITE

(71) **AVON PRODUCTS, INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 11020-1196 (US).(72) **PAHLCK, Harold, E.**; 36 Leonard Drive, Waldwick, NJ 07463 (US). **FLEISSMAN, Leona, Giat**; 402 Stevens Avenue, Ridgewood, NJ 07450 (US).(74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, Suite 903, One Landmark Square, Stamford, CT 06901-2682 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50004** (13) A1
 (21) PCT/US98/09007
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/853,271 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 7/00, 31/21, 31/56, 31/355, 31/375**
 (54) ● ASCORBYL-PHOSPHORYL-CHOLESTEROL
 ● ASCORBYL-PHOPHORYL-CHOLESTEROL
 (71) **AVON PRODUCTS, INC.** [US/US]; 1251 Avenue of the Americas, New York, NY 11020-1196 (US).
 (72) **PTCHELINTSEV, Dmitri**; 668 Juniper Way, Mahwah, NJ 07430 (US).
 (74) **RUGGIERO, Charles, N., J.**; Ohlandt, Greeley, Ruggiero & Perle, Suite 903, One Landmark Square, Stamford, CT 06901-2682 (US).
 (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).

- (11) **WO 98/50005** (13) A1
 (21) PCT/US98/09211
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/853,728 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (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 POUR APPLICATIONS COSMETIQUES
 (71) **MEDLOGIC GLOBAL CORPORATION** [US/US]; 4815 List Drive, Colorado Springs, CO 80919 (US).
 (72) **RON, Eyal, S.**; 7 Coach Road, Lexington, MA 02173 (US). **HAND, Barry, J.**; 145 Butternut Hollow, Acton, MA 01718 (US). **BROMBERG, Lev, S.**; 15 Sherwood Road, Swampscott, MA 01907 (US). **KEARNEY, Marie**; 324 Faneuil Street #1, Brighton, MA 02135 (US). **SCHILLER, Matthew, E.**; Apartment 9, 1595 Beacon Street, Boston, MA 02146 (US). **AHEARN, Peter, M.**; 63 Webster Street, Whitman, MA 02382 (US). **LUCZAK, Scott**; 3 Remsen Avenue, Medfield, MA 02052 (US). **MENDUM, Thomas, H., E.**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50006** (13) A1
 (21) PCT/EP98/02500
 (22) **28 Apr/avr 1998 (28.04.1998)**
 (25) de (26) de
 (31) 197 19 121.5 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 7/06, 7/50**
 (54) ● HAIR TREATMENT AGENTS
 ● AGENTS DE TRAITEMENT POUR LES CHEVEUX
 (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE). **WACKER-CHEMIE GMBH** [DE/DE]; Hanns-Seidel-Platz 4, D-81737 München (DE).
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 (72, 75) **KAHRE, Jörg** [DE/DE]; Am Treppchen 8, D-42799 Leichlingen (DE). **ANSMANN, Achim** [DE/DE]; Kirchberg 25, D-40699 Erkrath (DE). **KOESTER, Josef** [DE/DE]; Fährstrasse 226, D-40221 Düsseldorf (DE). **HUBER, Annemarie** [DE/DE]; Dahlilienweg 3, D-84533 Haiming (DE). **WIMMER, Franz** [DE/DE]; Astenweg 1 a, D-84489 Burghausen (DE). **SEJPKA, Johann** [DE/DE]; Tannenweg 2, D-84553 Markt (DE).
 (81) AU BG BR BY CA CN CZ HU ID IS JP KR LT LU MX NO NZ PL RO RU SI 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 98/50007** (13) A1
 (21) PCT/IB98/00651
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) en (26) en
 (31) 08/851,292 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 7/06, 7/50**
 (54) ● STYLING SHAMPOO COMPOSITIONS CONTAINING CATIONIC STYLING POLYMERS
 ● COMPOSITIONS DE SHAMPOOING DONNANT DU CORPS AUX CHEVEUX ET CONTENANT DES POLYMERES DE COIFFAGE CATIONIQUE
 (71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
 (72, 75) **GUSKEY, Susan, Marie**; 10758 Moss Hill Lane, Montgomery, OH 45249 (US). **HALL, Christine**; 6072 Dryden Avenue, Cincinnati, OH 45241 (US). **ROYCE, Douglas, Allan**; 10424 U.S. 50, Aurora, IN 47001 (US). **SCHOCH, Kimberly, Ann**; 23662 Mt. Meadows Court, Lawrenceburg, IN 47025 (US).

(74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 98/50008** (13) A1
 (21) PCT/US98/08885
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 (25) en (26) en
 (31) 08/854,049 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 7/11**
 (54) ● LOW VOC HAIR SPRAYS CONTAINING CELLULOSE ETHERS
 ● LAQUES POUR CHEVEUX, A FAIBLE TENEUR EN COMPOSES ORGANIQUES VOLATILS CONTENANT DES ETHERS DE CELLULOSE
 (71) **HERCULES INCORPORATED** [US/US]; Intellectual Property Section, 8th floor, 1313 North Market Street, Wilmington, DE 19894-0001 (US).
 (72) **CHAN, Anita, N.**; 709 Ashford Road, Sharpley, Wilmington, DE 19803-2221 (US). **CLAYTON, Anthony, B.**; 1134 Elderon Drive, Arundel, Wilmington, DE 19808 (US). **MODI, Jashawant, J.**; 57 Raphael Road, Bella Vista, Hockessin, DE 19707 (US).
 (74) **EDWARDS, David**; 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 98/50009** (13) A1
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 (31) 197 18 537.1 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 7/46**
 (54) ● USE OF DEPOT PREPARATIONS FOR TARGETED RELEASE OF AROMATIC PRINCIPLES
 ● UTILISATION DE PREPARATIONS A LIBERATION PROGRESSIVE POUR LIBERATION CIBLEE DE MATIERES ODORANTES
 (71) **HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN** [DE/DE]; Henkelstrasse 67, D-40589 Düsseldorf (DE).
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 (72, 75) **GERKE, Thomas** [DE/DE]; Im Melchersfeld 6, D-41468 Neuss (DE).
 (81) IL 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 98/50010** (13) A1
 (21) PCT/US98/09135
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 (31) 08/851,433 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/46**

- (54) ● PERSONAL CARE COMPOSITIONS CONTAINING AN ODOR MASKING BASE
 ● COMPOSITIONS D'HYGIENE PERSONNELLE RENFERMANT UNE BASE ANTI-ODEUR

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

- (72) **KAISER, Carl-Eric**; 5095 Lord Alfred Court, Cincinnati, OH 45241 (US). **TREMBLAY, Charles, Raymond**; 5255 Hidden Creek Circle, Mason, OH 45040 (US).

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

- (81) BR 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 98/50011** (13) A1
 (21) PCT/US98/09136
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 (31) 08/851,321 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/46, 7/06**

- (54) ● STYLING SHAMPOO COMPOSITIONS CONTAINING AN ODOR MASKING BASE
 ● COMPOSITIONS DE SHAMPOOING CAPILLAIRE CONTENANT UNE BASE ANTI-ODEUR

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

- (72) **KAISER, Carl-Eric**; 5095 Lord Alfred Court, Cincinnati, OH 45241 (US). **TREMBLAY, Charles, Raymond**; 5255 Hidden Creek Circle, Mason, OH 45040 (US).

- (74) **REED, T., David** et al. / etc.; The Procter & Gamble Company, 5299 Spring Grove Avenue, Cincinnati, OH 45217 (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 98/50012** (13) A1
 (21) PCT/EP98/02793
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 (31) 97201305.6 (32) **2 May/mai 1997 (02.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/48**

- (54) ● STABLE VITAMIN C CONCENTRATES
 ● CONCENTRES STABLES DE VITAMINE C

- (71) **GIST-BROCADES B.V.** [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).
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- (72, 75) **NOORDAM, Bertus** [NL/NL]; Brederolaan 14, NL-2692 DA s-Gravenzande (NL). **EDENS, Lupp** [NL/NL]; Hoflaan 118, NL-3062 JL Rotterdam (NL).

- (74) **VISSER-LUIRINK, Gesina** et al. / etc.; Gist-Brocades B.V., Patents and Trademarks Dept., Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).

- (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 98/50013** (13) A1

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(31) 97/05464 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/48**

- (54) ● USE OF OLIGOSACCHARIDES FOR THE TREATMENT OF CONNECTIVE TISSUES
 ● UTILISATION D'OLIGOSACCHARIDES DANS LE TRAITEMENT DE TISSUS CONJONCTIFS

- (71) **ROC** [FR/FR]; 48/50, rue de Seine, F-92700 Colombes (FR).

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

- (72, 75) **ROBERT, Alexandre, Michel** [FR/FR]; 41, rue François Couperin, F-94440 Santeny (FR). **ROBERT, Ladislas** [FR/FR]; 41, rue Jean-Baptiste Lully, F-94440 Santeny (FR). **CASSELLI, Dominique** [FR/FR]; 12, rue Poncelet, F-75017 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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50014** (13) A1

(21) PCT/US98/09106

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/851,222 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 7/48**

- (54) ● TOPICAL ADMINISTRATION OF CATECHOLAMINES AND RELATED COMPOUNDS TO SUBCUTANEOUS MUSCLE TISSUE USING PERCUTANEOUS PENETRATION ENHANCERS

- ADMINISTRATION LOCALE DE CATECHOLAMINES ET DE COMPOSES APPARENTES SUR TISSU MUSCULAIRE SOUS-CUTANÉ VIA DES FACILITATEURS DE PENÉTRATION PERCUTANÉE

- (71, 72) **PERRICONE, Nicholas, V.** [US/US]; Suite 2A, 35 Pleasant Street, Meriden, CT 06450 (US).

- (74) **MCNAMARA, Stephen, P.** et al. / etc.; St. Onge Steward Johnston & Reens LLC, 986 Bedford Street, Stamford, CT 06905-5619 (US).

- (81) BR CA GB IL 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 98/50015** (13) A1

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(31) 97870065.6 (32) **7 May/mai 1997 (07.05.1997)** (33) EP

(34) BE et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 9/00, 47/26**

- (54) ● DRY POWDER INHALER EXCIPIENT, PROCESS FOR ITS PREPARATION AND PHARMACEUTICAL COMPOSITIONS CONTAINING IT

- EXCIPIENT POUR INHALATEUR A POUDRE SECHE, SON PROCEDE DE PREPARATION, ET COMPOSITIONS PHARMACEUTIQUES LE CONTENANT

- (71) **PHARLYSE, SOCIETE ANONYME** [LU/LU]; 2, boulevard Royal, L-Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **VANDEBIST, Francis** [BE/BE]; Avenue des Jardinets 18, B-1170 Brussels (BE). **MAES, Paul** [BE/BE]; Rue Robert Ledecq, B-1440 Wauthier Braine (BE). **BAUDIER, Philippe** [BE/BE]; Avenue Blucher 10, B-1410 Waterloo (BE).

- (74) **SCHMITZ, Yvon** et al. / etc.; Gevers Patents, Holidaystraat 5, B-1831 Diegem (BE).

- (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 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 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 98/50016** (13) A2

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(31) S970333 (32) **7 May/mai 1997 (07.05.1997)** (33) IE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 9/00**

- (54) ● INTRAVAGINAL DRUG DELIVERY DEVICES FOR THE ADMINISTRATION OF TESTOSTERONE AND TESTOSTERONE PRECURSORS

- DISPOSITIFS INTRAVAGINAUX SERVANT A ADMINISTRER DU TESTOSTERONE OU DES PRECURSEURS DE TESTOSTERONE
- (71) **GALEN (CHEMICALS) LIMITED** [IE/IE]; Belgard Road, Tallaght, Dublin 24 (IE). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **PASSMORE, Clare** [GB/GB]; 108 Malone Road, Belfast (GB). **GILLIGAN, Claire** [GB/GB]; 17 Orpen Park, Belfast (GB).
- (74) **O'CONNELL, Maura** et al. / etc.; F. R. Kelly & Co., 9 University Street, Belfast BT7 1NA (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).
- (11) **WO 98/50017** (13) A1
(21) PCT/US98/09129
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 60/045,875 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(31) 08/932,029 (32) **17 Sep/sep 1997 (17.09.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61K 9/10**
(54) ● POLY(VINYL ALCOHOL) CRYOGEL
● CRYOGEL D'ALCOOL POLYVINYLIQUE
- (71) **GEORGIA TECH RESEARCH CORPORATION** [US/US]; Centennial Research Building, 400 Tenth Street, Atlanta, GA 30332-0415 (US).
- (72) **KU, David, N.**; 1943 Grist Stone Court, N.E., Atlanta, GA 30307 (US). **BRADDON, Linda, G.**; 30 Providence Way, Alpharetta, GA 30201 (US). **WOOTTON, David, M.**; Apartment B2, 855 Glendale Terrace, Atlanta, GA 30309 (US).
- (74) **BLOOMBERG, Coe, A.** 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 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).
- (11) **WO 98/50018** (13) A1
(21) PCT/CA98/00419
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 60/045,710 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61K 9/16, 47/48, 45/06 // 31/475, 31:27**
(54) ● DRUG DELIVERY SYSTEM
● SYSTEME D'ADMINISTRATION DE MEDICAMENTS
- (71, 72) **WU, Xiao, Yu** [CA/CA]; 125 Armadale Avenue, Toronto, Ontario M6S 3X3 (CA). **LIU, Zhi** [CN/CA]; 134 Armstrong Avenue, Toronto, Ontario M6H 1V8 (CA).
- (74) **BERESKIN & PARR;** Box 401, 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 98/50019** (13) A1
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(31) 60/046,089 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(31) 08/950,432 (32) **15 Oct/oct 1997 (15.10.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61K 9/40, 9/14, 9/48, 9/52, 9/62**
(54) ● STABLE ORAL PHARMACEUTICAL DOSE FORMS
● FORMES POSOLOGIQUES PHARMACEUTIQUES ORALES STABLES
- (63) US 60/046,089 (CIP)
US 9 May/mai 1997 (09.05.1997)
08/950,432 (CIP)
15 Oct/oct 1997 (15.10.1997)
- (71) **SAGE PHARMACEUTICALS, INC.** [US/US]; 5408 Interstate Avenue, Shreveport, LA 71109 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CHEN, Jivn-Ren** [US/US]; 7614 Brook Haven Way, Shreveport, LA 71105 (US).
- (74) **CHAN, Albert, Wai-Kit;** Cooper & Dunham LLP, 1185 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 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).
- (11) **WO 98/50020** (13) A1
(21) PCT/US98/09428
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 60/046,040 (32) **9 May/mai 1997 (09.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61K 31/17**
(54) ● COMPOSITION AND METHOD FOR TREATMENT OF *HELICOBACTER PYLORI* INFECTION
● COMPOSITION ET PROCEDE DE TRAITEMENT DES INFECTIONS A *HELICOBACTER PYLORI*
- (71, 72) **HERSEY, Stephen** [US/US]; 1945 Timothy Drive, N.E., Atlanta, GA 30329 (US). **FROEHLICH, Otto** [DE/US]; 1134 Vistavia Circle, Decatur, GA 30033 (US). **SACHS, George** [US/US]; 17986 Boris Drive, Encino, CA 91316 (US).
- (74) **YOUNG, Leona, G.** et al. / etc.; Jones & Askew, LLP, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (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 98/50021** (13) A1
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(31) 60/045,862 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(31) 60/046,462 (32) **14 May/mai 1997 (14.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61K 31/185, 39/395**
(54) ● INHIBITION OF LFA-1/ICAM-2 DEPENDENT LEUKEMIC CELL AGGREGATION
● INHIBITION DE L'AGREGATION DE CELLULES LEUCEMIQUES DEPENDANTE DE LFA-1/ICAM-2
- (71) **UNIVERSITY OF NEW MEXICO** [US/US]; Patent Administration Office, Hokona Hall, Zuni Wing, Room #357, Albuquerque, NM 87131 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **LARSON, Richard, S.** [US/US]; 13800 Vic Road, Albuquerque, NM 87112 (US). **SKLAR, Larry, A.** [US/US]; 400 Aspen Avenue, N.E., Albuquerque, NM 87102 (US). **BROWN, David, C.** [US/US]; 10614 Castillo S.W., Albuquerque, NM 87121 (US). **FREER, Richard** [US/US]; 911 E. Leigh Street, Richmond, VA 23298 (US).
- (74) **BUTTM, Jean, A.** et al. / etc.; Hoffman, Wasson & Gitler, Suite 522, 2361 Jefferson Davis Highway, Arlington, VA 22202 (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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(22) **6 May/mai 1998 (06.05.1998)**
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(31) 9709073.2 (32) **7 May/mai 1997 (07.05.1997)** (33) GB
(31) 9720837.5 (32) **2 Oct/oct 1997 (02.10.1997)** (33) GB
(31) 9804337.5 (32) **3 Mar/mar 1998 (03.03.1998)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **A61K 31/19, 31/215, 31/165, 31/135, C07C 219/10**

- (54) ● DIPHENYLACETIC ACID DERIVATIVES AND THEIR USE AS ANTIVIRAL AGENTS
● DERIVES D'ACIDE DIPHENYLACETIQUE ET LEUR UTILISATION COMME AGENTS ANTIVIRAUX

(71) **LOVESGROVE RESEARCH LIMITED** [GB/GB]; Unit 2, Dyfi Eco-Park, Machynlleth, Powys SY20 8AX (GB).
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(72, 75) **GARNETT, David, John** [GB/GB]; Rose Cottage, Goginian, Aberyswyth, Ceredigion SY23 3NY (GB).

(74) **ROYSTONS**: Tower Building, Water Street, Liverpool L3 1BA (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) 60/046,070 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 09/071,017 (32) **1 May/mai 1998 (01.05.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/20**

(54) ● USE OF HIGH DOSE RETINOIDS FOR THE TREATMENT OF SKIN DISORDERS

● PROCEDE DE TRAITEMENT D'INFECTIONS CUTANÉES AU MOYEN DE RETINOIDES HAUTE RESISTANCE

(71, 72) **KLIGMAN, Douglas, E.** [US/US]; 151 East Tenth Avenue, Conshohocken, PA 19428 (US).
KLIGMAN, Albert, M. [US/US]; 151 East Tenth Avenue, Conshohocken, PA 19428 (US).

(74) **SCHWARZE, William, W.** et al. / etc.; Panitch Schwarze Jacobs & Nadel, P.C., 22nd floor, One Commerce Square, 2005 Market Street, Philadelphia, PA 19103-7086 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 08/853,803 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/215**

(54) ● 8-ISO-PROSTAGLANDINS FOR GLAUCOMA THERAPY
● TRAITEMENT DU GLAUCOME A BASE DE 8-ISO-PROSTAGLANDINES

(63) US 08/853,803 (CIP)
9 May/mai 1997 (09.05.1997)

(71) **THE MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK** [US/US]; One Gustave L. Levy Place, New York, NY 10029 (US).
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(72, 75) **PODOS, Steven, M.** [US/US]; 2 Knoll Road, Tenafly, NJ 07670 (US).
MITTAG, Thomas, W. [US/US]; 167 Woodland Drive, Pleasantville, NY 10570 (US).
BECKER, Bernard [US/US]; 8655 West Kingsbury, St. Louis, MO 63124 (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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(21) PCT/JP98/01861

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

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(31) 9/154260 (32) **8 May/mai 1997 (08.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/34, 31/085, 31/35, C07D 307/79, 493/10**

(54) ● PREVENTIVES/REMEDIES FOR ARTERIOSCLEROSIS

● AGENTS PROPHYLACTIQUES ET THERAPEUTIQUES CONTRE L'ARTERIOSCLEROSE

(71) **CHUGAI SEIYAKU KABUSHIKI KAISHA** [JP/JP]; 5-1, Ukima 5-chome, Kita-ku, Tokyo 115-8543 (JP).
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(72, 75) **CYN Shi, Osamu** [JP/JP]; Chugai Seiyaku Kabushiki Kaisha, 135, Komakado 1-chome, Gotenba-shi, Shizuoka 412-8513 (JP).

(74) **SHAMOTO, Ichio** 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 AT AU AZ 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 KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50026** (13) A1

(21) PCT/AU98/00313

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) PO 6568 (32) **1 May/mai 1997 (01.05.1997)** (33) AU

(31) PP 0814 (32) **8 Dec/déc 1997 (08.12.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/35**

(54) ● TREATMENT OR PREVENTION OF MENOPAUSAL SYMPTOMS AND OSTEOPOROSIS
● TRAITEMENT OU PREVENTION DES SYMPTOMES MENOPAUSIQUES ET DE L'OSTEOPOROSE

(71) **NOVOGEN INC** [US/US]; 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).

(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).

(11) **WO 98/50027** (13) A1

(21) PCT/US98/09269

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,813 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 08/866,511 (32) **30 May/mai 1997 (30.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/35**

(54) ● METHOD OF IMPROVING DISTURBED BEHAVIOR AND ELEVATING MOOD IN HUMANS

● PROCEDE D'AMELIORATION DE COMPORTEMENTS PERTURBES ET DE STIMULATION DE L'HUMEUR CHEZ DES HUMAINS

(71) **UNIMED PHARMACEUTICAL, INC.** [US/US]; 2150 East Lake Cook Road, Buffalo Grove, IL 60089 (US).

(72) **VOLICER, Ladislav**; 147A Andover Road, Billerica, MA 01821 (US).

(74) **MAHONEY, Joseph, A.**; Sonnenschein Nath & Rosenthal, Suite 1100, 4520 Main Street, Kansas City, MO 64111 (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).

(11) **WO 98/50028** (13) A1

(21) PCT/US98/08269

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

(25) en (26) en

(31) 60/045,405 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/355, 31/34, 31/075, 31/445, 31/495, 31/50**

(54) ● MTP INHIBITORS AND FAT SOLUBLE VITAMIN THERAPEUTIC COMBINATIONS TO LOWER SERUM LIPID LEVELS

● COMBINAISONS THERAPEUTIQUES D'INHIBITEUR DE MTP ET DE VITAMINE LIPOSOLUBLE DESTINEES A REDUIRE LES TAUX DE LIPIDES SERIQUES

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; P.O. Box 4000, Princeton, NJ 08543-4000 (US).(72) **GREGG, Richard, E.**; 7 Linden Lane, Pennington, NJ 08534 (US). **WETTERAU, John, R., II**; 190 Rugby Drive, Langhorne, PA 19047 (US).(74) **RODNEY, Burton** et al. / etc.; Bristol-Myers Squibb Company, P.O. Box 4000, Princeton, NJ 08543-4000 (US).

(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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(31) 08/852,858 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/38, 31/39, 31/40, 31/415, 31/42, 31/425, 31/44, 31/445, 31/495, 31/505, 31/095, 31/18, C07D 207/09, 233/54, 239/24, 241/04, 263/02, 277/28, 307/00, 333/00, 209/10, C07C 303/00, 307/00, 309/00, 311/00, 313/00**

(54) ● INHIBITORS OF PROTEIN ISOPRENYL TRANSFERASES

● INHIBITEURS DE PROTEINES ISOPRENYLE TRANSFERASES

(71) **UNIVERSITY OF PITTSBURGH** [US/US]; Office of Technology Transfer, 911 Williams Pitt Union, Pittsburgh, PA 15260 (US).(72) **SEBTI, Said, M.**; 8957 Magnolia Chase Circle, Tampa, FL 33647 (US). **HAMILTON, Andrew, D.**; 1 White Pine Lane, Guilford, CT 06437 (US). **AUGERI, David, J.**; 6846 3rd Avenue, Kenosha, WI 53143 (US). **BARR, Kenneth, J.**; 4828 N. Hermitage #3A, Chicago, IL 60640-4143 (US). **DONNER, Bernard, G.**; 1901 McRae Lane, Mundelein, IL 60060 (US). **FAKHOURY, Stephen, A.**; 517 Buckingham, Mundelein, IL 60060 (US). **JANOWICK, David, A.**; 37070 Ganster Road, Beach Park, IL 60087 (US). **KALVIN, Douglas, M.**; 1201 Lockwood Drive, Buffalo Grove, IL 60689 (US). **LARSEN, John, J.**; 10542 Altegld Street, Melrose Park, IL 60164 (US). **LIU, Gang**; 838 Alderly Lane, Gurnee, IL 60031 (US). **O'CONNOR, Stephen, J.**; 2103 Washington Avenue, Wilmette, IL 60091 (US). **ROSENBERG, Saul, H.**; 15 Lighthouse Lane, Grayslake, IL 60030 (US). **SHEN, Wang**; 6215 Formoor Lane, Gurnee, IL 60031 (US). **SWENSON, Rolf, E.**; 285 Penny Lane, Grayslake, IL 60030 (US). **SORENSEN, Bryan, K.**; 2620 North Lewis Avenue, Waukegan, IL 60087 (US). **SULLIVAN, Gerard M.**; 2214 North Sunrise Drive, Round Lake Beach, Illinois 60073 (US). **SZCZEPANKIEWICZ, Bruce G.**; 33720 Royal Oake Lane, Apt. 209, Gages Lake, Illinois 60030 (US). **TASKER, Andrew S.**; 6251 Eagle Ridge Drive, Gurnee, Illinois 60031 (US). **WASICK, James I.**; 28440 Dorie Lane, Waterford, Wisconsin 53185 (US). **WINN, Martin**; 1263 Carlisle Place, Deerfield, Illinois 60015 (US).(74) **KOKULIS, Paul, N.** 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 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) **7 May/mai 1998 (07.05.1998)**

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(31) 08/852,858 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/38, 31/39, 31/40, 31/415, 31/42, 31/425, 31/44, 31/445, 31/495, 31/505, 31/095, 31/18, C07D 207/09, 233/54, 239/24, 241/04, 263/02, 277/28, 307/00, 333/00, 209/10, C07C 303/00, 307/00, 309/00, 313/00**

(54) ● INHIBITORS OF PROTEIN ISOPRENYL TRANSFERASES

● INHIBITEURS DE PROTEINES ISOPRENYLE TRANSFERASES

(71) **UNIVERSITY OF PITTSBURGH** [US/US]; Office of Technology Transfer, 911 Williams Pitt Union, Pittsburgh, PA 15260 (US).(72) **SEBTI, Said, M.**; 8957 Magnolia Chase Circle, Tampa, FL 33647 (US). **HAMILTON, Andrew, D.**; 1 White Pine Lane, Guilford, CT 06437 (US). **AUGERI, David, J.**; 6846 3rd Avenue, Kenosha, WI 53143 (US). **BARR, Kenneth, J.**; 4828 N. Hermitage #3A, Chicago, IL 60640-4143 (US). **DONNER, Bernard, G.**; 1901 McRae Lane, Mundelein, IL 60060 (US). **FAKHOURY, Stephen, A.**; 517 Buckingham, Mundelein, IL 60060 (US). **JANOWICK, David, A.**; 37070 Ganster Road, Beach Park, IL 60087 (US). **KALVIN, Douglas, M.**; 1201 Lockwood Drive, Buffalo Grove, IL 60689 (US). **LARSEN, John, J.**; 10542 Altegld Street, Melrose Park, IL 60164 (US). **LIU, Gang**; 838 Alderly Lane, Gurnee, IL 60031 (US). **O'CONNOR, Stephen, J.**; 2103 Washington Avenue, Wilmette, IL 60091 (US). **ROSENBERG, Saul, H.**; 15 Lighthouse Lane, Grayslake, IL 60030 (US). **SHEN, Wang**; 6215 Formoor Lane, Gurnee, IL 60031 (US). **SWENSON, Rolf, E.**; 285 Penny Lane, Grayslake, IL 60030 (US). **SORENSEN, Bryan, K.**; 2620 North Lewis Avenue, Waukegan, IL 60087 (US). **SULLIVAN, Gerard, M.**; 2214 North Sunrise Drive, Round Lake Beach, IL 60073 (US). **SZCZEPANKIEWICZ, Bruce, G.**; 33720 Royal Oake Lane, Apt. 209, Gages Lake, IL 60030 (US). **TASKER, Andrew, S.**; 6251 Eagle Ridge Drive, Gurnee, IL 60031 (US). **WASICK, James, T.**; 28440 Dorie Lane, Waterford, WI 53185 (US). **WINN, Martin**; 1263 Carlisle Place, Deerfield, IL 60015 (US).(74) **KOKULIS, Paul, N.** 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 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) **7 May/mai 1998 (07.05.1998)**

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(31) 08/852,858 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/38, 31/39, 31/40, 31/415, 31/42, 31/425, 31/44, 31/445, 31/495, 31/505, 31/095, 31/18, C07D 207/09, 233/54, 239/24, 241/04, C07C 263/02, C07D 277/28, 307/00, 333/00, 209/10, C07C 303/00, 307/00, 309/00, 311/00, 313/00**

(54) ● INHIBITORS OF PROTEIN ISOPRENYL TRANSFERASES

● INHIBITEURS DE PROTEINES ISOPRENYLE TRANSFERASES

(71) **UNIVERSITY OF PITTSBURGH** [US/US]; Office of Technology Transfer, 911 Williams Pitt Union, Pittsburgh, PA 15260 (US).(72) **SEBTI, Said, M.**; 8957 Magnolia Chase Circle, Tampa, FL 33647 (US). **HAMILTON, Andrew, D.**; 1 White Pine Lane, Guilford, CT 06437 (US). **AUGERI, David, J.**; 6846 - 3rd Avenue, Kenosha, WI 53143 (US). **BARR, Kenneth, J.**; 4828 N. Hermitage #3A, Chicago, IL 60640-4143 (US). **DONNER, Bernard, G.**; 1901 McRae Lane, Mundelein, IL 60060 (US). **FAKHOURY, Stephen, A.**; 517 Buckingham, Mundelein, IL 60060 (US). **JANOWICK, David, A.**; 37070 Ganster Road, Beach Park, IL 60087 (US). **KALVIN, Douglas, M.**; 1201 Lockwood Drive, Buffalo Grove, IL 60689 (US). **LARSEN, John, J.**; 10542 Altegld Street, Melrose Park, IL 60164 (US). **LIU, Gang**; 838 Alderly Lane, Gurnee, IL 60031 (US). **O'CONNOR, Stephen, J.**; 2103 Washington Avenue, Wilmette, IL 60091 (US). **ROSENBERG, Saul, H.**; 15 Lighthouse Lane, Grayslake, IL 60030 (US). **SHEN, Wang**; 6215 Formoor Lane, Gurnee, IL 60031 (US). **SWENSON, Rolf, E.**; 285 Penny Lane, Grayslake, IL 60030 (US). **SORENSEN, Bryan, K.**; 2620 North Lewis Avenue, Waukegan, IL 60087 (US).(74) **KOKULIS, Paul, N.** 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 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) 60/046,080 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/395**

(54) ● BETA-LACTAM INHIBITORS OF CoA-IT

● INHIBITEURS BETA-LACTAMINE DE CoA-IT (TRANSACYLASE INDEPENDANTE DE COENZYME A)

(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) **BONDINELL, William, E.** [US/US]; 1512 Franklin Lane, Wayne, PA 19087 (US). **WINKLER, James, David** [US/US]; 701 Hartranft Avenue, Fort Washington, PA 19034 (US).

(74) **DINNER, Dara, L.** 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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(31) 60/045,635 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/40**

(54) ● COX-2 SELECTIVE CARPROFEN FOR TREATING PAIN AND INFLAMMATION IN DOGS

● CARPROFENE INHIBANT SELECTIVE-MENT COX-2 ET UTILISE DANS LE TRAITEMENT DE LA DOULEUR ET DES INFLAMMATIONS CHEZ LES CHIENS

(71) **PFIZER INC.** [US/US]; 235 East 42nd Street, New York, NY 10017 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LUNDY, Kristin, Marie** [US/US]; Apartment 631, 600 Meridian Street, Groton, CT 06340 (US). **RICKETTS, Anthony, Paul** [GB/US]; 1306 Pequot Trail, Stonington, CT 06378 (US).

(74) **SPIEGEL, Allen, J.**; c/o Mark Charles Green, Urquhart-Dykes & Lord, 91 Wimpole Street, London W1M 8AH (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50034** (13) A1

(21) PCT/US98/07726

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

(25) en (26) en

(31) 08/850,909 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/40, 31/555**

(54) ● INTERNAL TWO PHOTON EXCITATION DEVICE FOR DELIVERY OF PDT TO DIFFUSE ABNORMAL CELLS

● DISPOSITIF D'EXCITATION INTERNE A DEUX PHOTONS PERMETTANT UN TRAITEMENT PHOTODYNAMIQUE DE CELLULES ANORMALES DIFFUSES

(71) **LIGHT SCIENCES LIMITED PARTNERSHIP** [US/US]; 1065 - 12th Avenue N.W. #E5, Issaquah, WA 98027 (US).

(72) **CHEN, James, C.**; 2011 - 87th Place N.E., Bellevue, WA 98004 (US). **WISCOMBE, Brent**; 3014 East Holmes, Mesa, AZ 85204 (US).

(74) **ANDERSON, Ronald, M.**; Law Offices of Ronald M. Anderson, Suite 1710, 500 - 108th Avenue N.E., Bellevue, WA 98004-5500 (US).

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

(11) **WO 98/50035** (13) A1

(21) PCT/US98/09229

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/852,447 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 08/887,810 (32) **3 Jul/juil 1997 (03.07.1997)** (33) US

(31) 08/887,809 (32) **3 Jul/juil 1997 (03.07.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/425, C07D 277/58**

(54) ● PHARMACEUTICAL COMPOSITIONS OF TIZOXANIDE AND NITAZOXANIDE

● COMPOSITIONS PHARMACEUTIQUES DE TIZOXANIDE ET DE NITAZOXANIDE

(71) **ROMARK LABORATORIES, L.C.** [US/US]; Suite 870, 6200 Courtney Campbell Causeway, Tampa, FL 33607 (US).

(72) **ROSSIGNOL, Jean-François**; 2650 Heron Lane S., Clearwater, FL 34622 (US).

(74) **PENDORF, Stephan, A.** et al. / etc.; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622-0445 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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) 08/853,221 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/445, 31/335, 31/35**

(54) ● ENDOCRINE MODULATION WITH POSITIVE MODULATORS OF AMPA TYPE GLUTAMATE RECEPTORS

● MODULATION ENDOCRINE A L'AIDE DE MODULATEURS POSITIFS DE RECEPTEURS DU GLUTAMATE DE TYPE AMPA

(71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 5th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).

(72) **VAN DER KLISH, Peter**; 3045 Bern Drive, Laguna Beach, CA 92651 (US). **LYNCH, Gary**; 4 Gibbs Court, Irvine, CA 92612 (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 98/50037** (13) A1

(21) PCT/JP98/01954

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

(25) ja (26) ja

(31) 9/115523 (32) **6 May/mai 1997 (06.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/505 // C07D 495/04**

(54) ● ANXIOLYTICS

● ANXIOLYTIQUES

(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) **EGUCHI, Junichi** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (JP). **MORI, Reiko** [JP/JP]; 1-28-10-201, Ogawa, Machida-shi, Tokyo 194-0003 (JP). **SAITO, Ken-Ichi** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-8502 (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) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50038** (13) A1

(21) PCT/US98/08482

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

(25) en (26) en

(31) 08/852,266 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/505**

(54) ● USE OF QUINAZOLINE COMPOUNDS FOR THE TREATMENT OF POLYCYSTIC KIDNEY DISEASE

● UTILISATION DE COMPOSES DE LA QUINAZOLINE DANS LE TRAITEMENT DE LA MALADIE POLYCYSTIQUE DES REINS

(71) **AMERICAN CYANAMID COMPANY** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) **FROST, Philip**; 4 Emerson Court, Morris, NJ 07960 (US).

(74) **ALICE, Ronald, W.**; 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 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 98/50039** (13) A1

(21) PCT/GR98/00012

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

(25) en (26) en

(31) 970100172 (32) **6 May/mai 1997 (06.05.1997)** (33) GR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/557**

(54) ● USE OF MISOPROSTOL OR/AND MISOPROSTOL ACID FOR PREPARING DRUG IN ORDER TO CURE ERECTILE DYSFUNCTION

● UTILISATION DE MISOPROSTOL OU D'ACIDE DE MISOPROSTOL POUR PREPARER UN MEDICAMENT SERVANT A SOIGNER LA DYSERECTION

(71, 72) **KANAKARIS, Panagiotis** [GR/GR]; 33 Kolliti Street, GR-106 77 Athens (GR). **KAROUZAKIS, Petros** [GR/GR]; 9 Bakou Street, GR-115 24 Athens (GR).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH GM GW
HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV MD MG MK MN MW MX NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR
TT UA UG US UZ VN YU ZW; AP (GH GM KE
LS MW SD SZ UG ZW); EA (AM AZ BY KG
KZ MD RU TJ TM); EP (AT BE CH CY DE DK
ES FI FR 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 98/50040** (13) A1

(21) PCT/US98/07492

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

(25) en (26) en

(31) 08/851,780 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/56, 31/57, C07J 5/00, 31/00, 41/00**

(54) ● NOVEL LIPID SOLUBLE STEROID PRODRUGS

● NOUVEAUX PROMEDICAMENTS STEROIDES LIPOSOLUBLES

(71) **IMARX PHARMACEUTICAL CORP.** [US/US]; 1635 East 18th Street, Tucson, AZ 85749 (US).

(72) **UNGER, Evan, C.**; 13365 East Camino La Cebadilla, Tucson, AZ 85749 (US). **SHEN, DeKang**; 2602 W. Aiden Street, Tucson, AZ 85745 (US).

(74) **MILLER, Suzanne, E.** et al. / etc.; Woodcock Washburn Kurtz Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

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

(11) **WO 98/50041** (13) A1

(21) PCT/US98/07712

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

(25) en (26) en

(31) 08/851,780 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(31) 08/887,215 (32) **2 Jul/juil 1997 (02.07.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/56, C07J 5/00, 7/00**

(54) ● NOVEL PRODRUGS COMPRISING FLUORINATED AMPHIPHILES

● NOUVEAUX PROMEDICAMENTS RENFERMANT DES AMPHIPHILES FLUORES

(71) **IMARX PHARMACEUTICAL CORP.** [US/US]; 1635 East 18th Street, Tucson, AZ 85749 (US).

(72) **UNGER, Evan, C.**; 13365 East Camino La Cebadilla, Tucson, AZ 85749 (US).

(74) **MILLER, Suzanne, E.** et al. / etc.; Woodcock, Washburn, Kurtz, Mackiewicz & Norris, 46th floor, One Liberty Place, Philadelphia, PA 19103 (US).

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

(11) **WO 98/50042** (13) A1

(21) PCT/US98/08456

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

(25) en (26) en

(31) 08/850,567 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/57**

(54) ● PREGNAN-3-OL-20-ONES

● PREGNAN-3-OL-20-ONES

(71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

(72) **KAGAN, Michael, Z.**; 4 Mackenzie Lane, Plainsboro, NJ 08536 (US). **SHAH, Syed, Muzafar**; 13 Yvette Drive, East Hanover, NJ 07936 (US).

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

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(11) **WO 98/50043** (13) A1

(21) PCT/AU98/00332

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) PO 6653 (32) **7 May/mai 1997 (07.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/60, 31/615**

(54) ● NOVEL THERAPY FOR CONSTIPATION

● NOUVEAU TRAITEMENT DE LA CONSTIPATION

(71, 72) **BORODY, Thomas, Julius** [AU/AU]; 144 Great North Road, Five Dock, NSW 2046 (AU).

(74) **SPRUSON & FERGUSON**; G.P.O. Box 3898, Sydney, NSW 2001 (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).

(11) **WO 98/50044** (13) A1

(21) PCT/US98/09253

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,900 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/645, 31/485, 31/42, 31/135, 31/55, 31/495**

(54) ● COMPOSITION AND METHOD COMBINING AN ANTIDEPRESSANT WITH AN NMDA RECEPTOR ANTAGONIST, FOR TREATING NEUROPATHIC PAIN

● COMPOSITION ET METHODE ASSOCIANT UN ANTIDEPRESSEUR ET UN ANTAGONISTE DE RECEPTEUR NMDA POUR TRAITER LA DOULEUR NEUROPATHIQUE

(71) **ALGOS PHARMACEUTICAL CORPORATION** [US/US]; Collingwood Plaza, 4900 Route 33, Neptune, NJ 07753 (US).
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(72, 75) **CARUSO, Frank, S.** [US/US]; 2 Bowling Green, Colts Neck, NJ 07722 (US).

(74) **DILWORTH, Peter, G.** 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 98/50045** (13) A1

(21) PCT/GB97/01222

(22) **6 May/mai 1997 (06.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/65 // (A61K 31/65, 31:455)**

(54) ● IMPROVEMENTS IN OR RELATING TO LONG-ACTING ANTIMICROBIALS

● PERFECTIONNEMENTS D'AGENTS ANTIMICROBIENS A EFFET PROLONGE OU PERFECTIONNEMENTS RELATIFS A CES AGENTS

(71) **NORBROOK LABORATORIES LIMITED** [GB/GB]; Station Works, Camlough Road, Newry BT35 6JP (GB).
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(72, 75) **PATTERSON, Alan** [GB/GB]; 60 Quarry Road, Belfast BT4 2NQ (GB). **ORR, Neil** [GB/GB]; 23 Wests Road, Loughbrickland, County Down BT32 3RR (GB).

(74) **FITZPATRICKS**; 4 West Regent Street, Glasgow G2 1RS (GB).

(81) AU CA HU IL KE NO NZ PL RO SK TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50046** (13) A1

(21) PCT/US98/08723

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

(25) en (26) en

(31) 08/852,394 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/69, 38/55**

(54) ● USE OF CD26 INHIBITOR FOR THE MANUFACTURE OF A MEDICAMENT FOR THE TREATMENT OF HIV

● UTILISATION D'UN INHIBITEUR DU CD26 POUR PREPARER UN MEDICAMENT TRAITANT LE VIH

(71) **TRUSTEES OF TUFTS COLLEGE** [US/US]; Ballou Hall, 4th floor, Medford, MA 02155 (US).

(72) **HUBER, Brigitte, T.**; 175 Grove Street, Cambridge, MA 02138 (US). **SCHMITZ, Tracy**; 475 Huron Avenue, Cambridge, MA 02138 (US). **UNDERWOOD, Robert**; 93 Walker Street, Quincy, MA 02171 (US).

(74) **PLUMER, Elizabeth, R.**; 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 98/50047** (13) A1

(21) PCT/US98/09031

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,030 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 60/061,716 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/70**

(54) ● METHODS AND COMPOSITIONS FOR REDUCING ISCHEMIC INJURY OF THE HEART BY ADMINISTERING ADENOSINE RECEPTOR AGONISTS AND ANTAGONISTS

● METHODES VISANT A REDUIRE UNE LESION ISCHEMIQUE CARDIAQUE PAR ADMINISTRATION D'AGONISTES ET D'ANTAGONISTES DU RECEPTEUR D'ADENOSINE ET COMPOSITIONS AFFERENTES

(71) **TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA** [US/US]; Suite 300, 3700 Market Street, Philadelphia, PA 19104-3147 (US).
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(72, 75) **LIANG, Bruce, T.** [US/US]; 405 Merwyn Road, Merion Station, PA 19006 (US). **JACOBSON, Kenneth, A.** [US/US]; Apartment 504, 1111 University Boulevard, Silver Springs, MD 20902 (US).

(74) **RIGAUT, Kathleen, D.** et al. / etc.; Dann, Dorfman, Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103 (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 98/50048** (13) A1

(21) PCT/US98/09238

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,803 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/70**

(54) ● APLIDINE AS AN L-TYPE CALCIUM CHANNEL ENHANCER

● APLIDINE EN TANT QU'AGENT FAVORISANT LE CANAL A CALCIUM DE TYPE L

(71) **PHARMA MAR, S.A.** [ES/ES]; Poligono Industrial de Tres Cantos, Calle de la Calera, 3, E-28760 Tres Cantos (ES).

(71, 72) **CRUMB, William, J.** [US/US]; 610 Phosphor Avenue, Metairie, LA 70005 (US).

(72) **FAIRCLOTH, Glynn, T.**; 10 Rogers Street, 2 River Court, Cambridge, MA 02142 (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).

(11) **WO 98/50049** (13) A1

(21) PCT/US98/09255

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,927 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/70, 31/715, C07H 15/20, 15/207, C07C 31/18**

(54) ● PREPARATION OF FAGOPYRITOLS AND USES THEREFOR

● PREPARATION DE FAGOPYRITOLS ET LEURS UTILISATIONS

(71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US).

(72) **OBENDORE, Ralph, L.**; 24 Dart Drive, Ithaca, NY 14850 (US). **HORBOWICZ, Marcin**; ul. Prusa 2 m.5, PL-96-100 Skierniewice (PL).

(74) **ROGALSKYJ, Peter** 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 98/50050** (13) A1

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(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/852,005 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 31/73, C08B 37/08, A61F 2/00**

(54) ● COVALENTLY LINKED N,O-CARBOXYMETHYLCHITOSAN AND USES THEREOF

● N, O-CARBOXYMETHYL-CHITOSANE A LIAISON COVALENTE ET SES APPLICATIONS

(71) **CHITOGENICS, INC.** [US/US]; 4th floor, 55 Madison Avenue, Morristown, NJ 07960 (US).

(72) **ELSON, Clive, M.**; 84 Anchor Drive, Halifax, Nova Scotia B3N 3E1 (CA).

(74) **LOREN, Ralph, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

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

(11) **WO 98/50051** (13) A1

(21) PCT/US97/07122

(22) **5 May/mai 1997 (05.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 33/32, 33/24, 33/36, 33/04, 33/06, 35/78, 31/70, 31/51, 31/44, 31/355, 31/34, 31/07**

(54) ● TREATMENT OF SICKLE CELL DISEASE, TREATMENT OF IMMUNE SYSTEM DISEASES AND OTHER DISEASES NORMALLY ASSOCIATED WITH SICKLE CELL ANEMIA

● TRAITEMENT DE LA DREPANOCYTOSE, TRAITEMENT DES MALADIES DU SYSTEME IMMUN ET AUTRES PATHOLOGIES NORMALEMENT ASSOCIEES A L'ANEMIE DREPANOCYTAIRE

(71, 72) **LOCKETT, Curtis** [US/US]; 8073 Hilltop Street, Mobile, AL 36619 (US).

(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).

(11) **WO 98/50052** (13) A1

(21) PCT/FR98/00900

(22) **5 May/mai 1998 (05.05.1998)**

(25) fr (26) fr

(31) 97/05582 (32) **6 May/mai 1997 (06.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 35/30, 35/54, A23L 1/30**

(54) ● NOVEL USE OF PHOSPHOLIPIDS OF ANIMAL ORIGIN IN THERAPY AND/OR DIETETICS

● NOUVELLE UTILISATION DE PHOSPHOLIPIDES D'ORIGINE ANIMALE EN THERAPEUTIQUE ET/OU DIETETIQUE

(71) **INSTITUT DE RECHERCHE BIOLOGIQUE S.A.** [FR/FR]; Boîte postale 71, F-78340 Les Clayes-sous-Bois (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PONROY, Yves** [FR/CH]; 4A, quai Ernest Ansermet, CH-1820 Montreux (CH).

(74) **BURTIN, Jean-François**; Cabinet GEFIB, 85, rue Anatole France, F-92300 Levallois-Perret (FR).

(81) AU BR CA CN CZ HU JP KR MX NO NZ PL RU US 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 98/50053** (13) A1

(21) PCT/US98/08570

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

(25) en (26) en

(31) 08/852,924 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 35/76, 48/00, C12N 15/09, 15/63, 15/85, 15/86, 15/88**

(54) ● GENE TRANSFER WITH ADENOVIRUSES HAVING MODIFIED FIBER PROTEINS

● TRANSFERT DE GENES A L'AIDE D'ADENOVIRUS COMPRENANT DES PROTEINES FIBREUSES MODIFIEES

(63) US 08/852,924 (CIP)
8 May/mai 1997 (08.05.1997)

(71) **GENETIC THERAPY, INC.** [US/US]; 938 Clopper Road, Gaithersburg, MD 20878 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **McCLELLAND, Alan** [US/US]; 23709 Woodfield Road, Gaithersburg, MD 20882 (US). **STEVENSON, Susan, C.** [US/US]; 10974 Horseshoe Drive, Frederick, MD 21701 (US). **GORZIGLIA, Mario** [VE/US]; 8027 Lions Crest Way, Gaithersburg, MD 20879 (US). **VANIN, Elio, F.** [AU/US]; 1258 Sessions Court, Memphis, TN 38118 (US).

(74) **LILLIE, Raymond, J.** 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 HU IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG 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).

(11) **WO 98/50054** (13) A1

(21) PCT/EP98/02627

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 9709082.3 (32) **6 May/mai 1997 (06.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 35/78**

(54) ● PLANT EXTRACTS FOR THE TREATMENT OF INCREASE BONE RESORPTION

● EXTRAITS DE PLANTES POUR LE TRAITEMENT DE L'AUGMENTATION DE LA RESORPTION OSSEUSE

(71, 72) **MÜHLBAUER, Roman, Conrad** [AT/AT]; Stollen 85A, CH-3255 Rapperswil (CH).

(74) **SMOLDERS, Walter** et al. / etc.; Novartis AG, Patent- und Markenabteilung, Lichtstrasse 35, CH-4002 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50055** (13) A1

(21) PCT/RO98/00003

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) en (26) en

(31) 97-00849 (32) **7 May/mai 1997 (07.05.1997)** (33) RO

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 35/78**

(54) ● OINTMENT FOR THE TREATMENT OF BURNS AND OF OTHER SKIN DISEASES

● POMMADE DESTINEE AU TRAITEMENT DE BRULURES ET D'AUTRES MALADIES CUTANEES

(71, 72) **STOICA, Felician, Titus** [RO/RO]; Str. Sălcișilor 51-71, etaj 2, ap. 8, R-1900 Timisoara (RO).

(74) **A.G.V. - AGENTIE DE PROPRIETATE INDUSTRIALA SRL**; Magheru Boulevard 9, ap. 89, P.O. Box 22-246, R-701611 Bucuresti 2 (RO).

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

(11) **WO 98/50056** (13) A1

(21) PCT/US98/09118

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/045,695 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 35/78, A01N 25/34**

(54) ● ANTI-FUNGAL PROTEIN EXTRACTS FROM SEEDS OF MARIGOLD

● EXTRAITS DE PROTEINES ANTIFONGIQUES PROVENANT DE GRAINES DE TAGETES

(71) **KEMIN INDUSTRIES, INC.** [US/US]; 2100 Maury Street, Des Moines, IA 50301-0070 (US).
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(72, 75) **GREAVES, John, A.** [-/US]; 1706 N.E. Michael Drive, Ankeny, IA 50021 (US). **BRINKHAUS, Friedhelm** [-/US]; 7080 Oak Brook Drive, Urbandale, IA 50322 (US). **ZIEGENFUSS, Steven, J.** [-/US]; 1320 30th Street, Des Moines, IA 50311 (US).

(74) **HERINK, Kent, A.**; Davis, Brown, Koehn, Shors & Roberts, P.C., The Financial Center, Suite 2500, 666 Walnut Street, Des Moines, IA 50309-3993 (US).

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

(11) **WO 98/50057** (13) A2

(21) PCT/DE98/01240

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

(25) de (26) de

(31) 197 20 162.8 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 38/00**

(54) ● AGENT FOR ENHANCING THE HEART FORCE

● AGENT POUR AUGMENTER LA FORCE CONTRACTILE DU MYOCARDE

(71) **MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN** [DE/DE]; Robert-Rössle Strasse 10, D-13125 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORANO, Ingo** [DE/DE]; Angergang 10, D-16321 Bernau (DE).

(74) **BAUMBACH, Fritz**; BioTez Berlin-Buch GmbH, Patentstelle, Robert-Rössle-Strasse 10, D-13125 Berlin (DE).

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

(11) **WO 98/50058** (13) A1

(21) PCT/US97/12733

(22) **21 Jul/juil 1997 (21.07.1997)**

(25) en (26) en

(31) 08/853,525 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 38/00, 38/04, 38/08, C12Q 1/68, C12N 5/00, 5/06**

(54) ● COMPLEX FORMATION BETWEEN DSDNA AND OLIGOMER OF HETEROCYCLES

- FORMATION DE COMPLEXES ENTRE UN ADN A DOUBLE BRIN ET UN OLIGOMERE D'HETEROCYCLES
- (71) **CALIFORNIA INSTITUTE OF TECHNOLOGY** [US/US]; 1201 E. California Boulevard, Pasadena, CA 91125 (US).
- (72) **DERVAN, Peter**; 1235 St. Albans Road, San Marino, CA 91108 (US). **GOTTESFIELD, Joel, M.**; 1201 E. California Boulevard, Pasadena, CA 91125 (US).
- (74) **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 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).

(11) **WO 98/50059** (13) A1

(21) PCT/US98/09089

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/851,965 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 38/10, 38/16**

- (54) ● METHOD FOR PREVENTING GASTRITIS USING AMYLIN OR AMYLIN AGONISTS
- PROCEDES DE PREVENTION DE LA GASTRITE AU MOYEN D'AMYLIN OU D'AGONISTES D'AMYLIN

(71) **AMYLIN PHARMACEUTICALS, INC.** [US/US]; 9373 Towne Centre Drive, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YOUNG, Andrew** [NZ/US]; 9514 Easter Way, San Diego, CA 92121 (US). **GEDULIN, Bronislava** [US/US]; 12825 Stebbick Court, San Diego, CA 92130 (US). **BEYNON, Gareth, Wyn** [GB/GB]; 1 Sotwell Manor, Baker's Lane, Brightwell-cum Sotwell, Oxon OX10 0PX (GB).

(74) **DUFT, Bradford, J.** et al. / etc.; Lyon & Lyon, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50060** (13) A1

(21) PCT/US98/03197

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/045,619 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 38/18**

- (54) ● THERAPIES FOR ACUTE RENAL FAILURE
- THERAPIES CONTRE L'INSUFFISANCE RE-NALE AIGUE

(71) **CREATIVE BIOMOLECULES, INC.** [US/US]; 45 South Street, Hopkinton, MA 01748 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAMPATH, Kuber, T.** [US/US]; 98 Pamela Drive, Holliston, MA 01746 (US). **COHEN, Charles, M.** [US/US]; 1 Harrington Lane, Weston, MA 02193 (US).

(74) **TWOMEY, Michael, J.**; Testa, Hurwitz & Thibault LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50061** (13) A1

(21) PCT/US98/09268

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,909 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 38/18, 48/00**

- (54) ● NOVEL THERAPIES FOR CYSTIC KIDNEY DISEASE
- NOUVELLES THERAPIES DES MALADIES KYSTIQUES RENALES

(71) **BIOGEN, INC.** [US/US]; 14 Cambridge Center, Cambridge, MA 02142 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GJORSTRUP, Per** [SE/US]; 492 Beacon Street, Boston, MA 02115 (US). **HARRIS, Ray** [US/US]; 1503 Pear Tree Circle, Brentwood, TN 37221 (US).

(74) **KAPLAN, Warren, A.**; Biogen, Inc., 14 Cambridge Center, Cambridge, MA 02142 (US).

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

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(11) **WO 98/50062** (13) A1

(21) PCT/US98/09273

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) MI97A001042 (32) **6 May/mai 1997 (06.05.1997)** (33) IT

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 38/30 // (A61K 38/30, 31:715)**

- (54) ● COMPOSITIONS AND METHODS OF THERAPY FOR IGF-I-RESPONSIVE CONDITIONS

- COMPOSITIONS ET PROCEDES DE THERAPIE DES TROUBLES SUSCEPTIBLES D'ETRE TRAITES PAR IGF-I

(71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street, Emeryville, CA 94608-2916 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **SCHARSCHMIDT, Bruce, F.** [US/US]; 45 St. Francis Boulevard, San Francisco, CA 94127 (US). **GORIO, Alfredo** [IT/IT]; Via G.B. Pergolesi, 7, I-20124 Milano (IT). **MÜLLER, Eugenio, E.** [IT/IT]; Via Mangiagalli, 5, I-20133 Milano (IT).

(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 98/50063** (13) A1

(21) PCT/US98/08288

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

(25) en (26) en

(31) 60/045,241 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 08/852,221 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 38/31 // (A61K 38/31, 31:48)**

- (54) ● METHOD OF TREATING HYPERPROLACTINEMIA AND PROLACTINOMAS
- PROCEDE DE TRAITEMENT DE L'HYPERPROLACTINEMIE ET DES PROLACTINOMES

(71) **CEDARS-SINAI MEDICAL CENTER** [US/US]; 8700 Beverly Boulevard, Los Angeles, CA 90048 (US). **BIOMEASURE INCORPORATED** [US/US]; 27 Maple Street, Milford, MA 01757 (US).
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(72, 75) **MELMED, Shlomo** [-/US]; 9437 Cresta Drive, Los Angeles, CA 90035 (US). **SHIMON, Ilan** [-/US]; 221 S. Gale Drive #302, Beverly Hills, CA 90211 (US). **CULLER, Michael, D.** [-/US]; 17 Ledgestone Drive, Hopkinton, MA 01748 (US).

(74) **AMZEL, Viviana** et al. / etc.; Pretty, Schroeder & Poplawski, 444 South Flower Street, Los Angeles, CA 90071 (US).

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

(11) **WO 98/50064** (13) A2

(21) PCT/EP98/02829

(22) **7 May/mai 1998 (07.05.1998)**

- (25) en (26) en
 (31) 97201358.5 (32) **7 May/mai 1997 (07.05.1997)** (33) EP
 (34) LU et al. / etc.
 (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 38/49, 9/16, 31/20, A61M 16/10, A61K 31/00, C07K 14/47, A61K 31/785**
- (54) ● ADHESION PREVENTION AND AN ENDO-SCOPIC INSUFFLATION SYSTEM THE-REFOR
 ● PREVENTION DES ADHERENCES ET SYS-TEME D'INSUFFLATION ENDOSCOPIQUE CONCU A CET EFFET
- (71) **SATURNUS AG** [LU/LU]; 11, rue de Aldringen, L-2960 Luxembourg (LU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KONINCKX, Robert** [BE/BE]; Leopoldstraat 43, B-3000 Leuven (BE).
- (74) **BARTELD, Erik**; 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 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 98/50065** (13) A2
 (21) PCT/EP98/01951
 (22) **2 Apr/avr 1998 (02.04.1998)**
 (25) de (26) de
 (31) 197 18 826.5 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 38/55, 31/415, 33/06, 45/00, 9/00, 9/14**
- (54) ● THE USE OF BIOLOGICALLY ACTIVE SUBSTANCES FOR INFLUENCING THE EXTRACELLULAR AREA OF SENSORY CELLS AND METHOD FOR CONTROLLING THE ADMINISTRATION OF ACTIVE SUBSTANCES AND DEVICE USED THEREIN
 ● UTILISATION DE PRINCIPES ACTIFS A EFFET BIOLOGIQUE POUR INFLUER SUR L'ESPACE EXTRACELLULAIRE DE CELLULES SENSORIELLES ET PROCEDURE DE COMMANDE D'ADMINISTRATION DE PRINCIPLE ACTIF ET DISPOSITIF APPRO-PRIE
- (71, 72) **ECKMILLER, Marion, Sangster** [US/DE]; Med. Einrichtungen der Universität Düsseldorf, Moorenstrasse 5, D-40225 Düsseldorf (DE).
- (74) **LENZING, Andreas**; Lenzing Gerber, Münsterstrasse 248, D-40470 Düsseldorf (DE).
- (81) AM AT AU BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GM GW HU IL JP KE KG KP KR KZ LC LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ 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 98/50066** (13) A1
 (21) PCT/US98/08838
 (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) en (26) en
 (31) 60/045,511 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
- (25) en (26) en
 (31) 08/852,395 (32) **7 May/mai 1997 (07.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 38/55, G01N 33/50**
- (54) ● POTENTIATION OF THE IMMUNE RESPONSE THROUGH DELIVERY OF COMPOUNDS BINDING A CYTOPLASMIC DIPEPTIDASE
 ● POTENTIALISATION DE LA REPOSE IMMUNITAIRE PAR PRODUCTION DE COMPOSES SE FIXANT A UNE DIPEPTIDASE CYTOPLASMIQUE
- (71) **TRUSTEES OF TUFTS COLLEGE** [US/US]; Ballou Hall, 4th floor, Medford, MA 02155 (US).
- (72) **HUBER, Brigitte, T.**; 175 Grove Street, Cambridge, MA 02111 (US). **SCHMITZ, Tracy**; 475 Huron Avenue, Cambridge, MA 02138 (US). **UN-DERWOOD, Robert**; 93 Walker Street, Quincy, MA 02171 (US).
- (74) **PLUMER, Elizabeth, R.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (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 98/50067** (13) A2
 (21) PCT/EP98/02679
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) de (26) de
 (31) 197 20 761.8 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 39/00, 48/00**
- (54) ● USE OR A SECRETION VECTOR FOR FER-ILITY CONTROL BY ORAL VACCINATION
 ● UTILISATION D'UN VECTEUR DE SECRE-TION POUR CONTROLE DE FECONDITE PAR VACCINATION ORALE
- (71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; D-13342 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **DONNER, Peter** [DE/DE]; Steglitzer Damm 7a, D-12169 Berlin (DE). **GOEBEL, Werner** [DE/DE]; Am Hubland 12, D-97218 Gerbrunn (DE). **DEMUTH, Andreas** [DE/DE]; Zehnthof-strasse 12, D-97080 Würzburg (DE). **GENT-SCHEV, Ivaylo** [BG/DE]; Bauweg 5, D-97270 Kist (DE). **HESS, Jürgen** [DE/DE]; Liegnitz-strasse 31, D-10318 Berlin (DE). **KAUFMANN, Stefan** [DE/DE]; Am Rosenanger 57A, D-13465 Berlin (DE).
- (81) AL AM AU AZ BA BB BG BR BY CA CN CU CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/50068** (13) A1
 (21) PCT/US98/08768
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 60/045,511 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 39/00, 39/38, 39/02, 39/108, A23J 1/00, C07K 1/00, 14/00, 16/00, 17/00**
- (54) ● MASS SPECTROMETRY OF COLONIZA-TION FACTORS
 ● SPECTROSCOPIE DE MASSE DE FACTEURS DE COLONISATION
- (71) **U.S. GOVERNMENT, DEPARTMENT OF THE ARMY** [US/US]; U.S. Army Medical Research & Materiel Command, 504 Scott Street, Fort Detrick, MD 21702-5012 (US).
- (72) **CASSELS, Frederick, J.**; 6317 Woodcrest Drive, Ellicott City, MD 21043 (US). **PANNEL, Lewis, K.**; 11413 Catalina Terrace, Silver Spring, MD 20902 (US).
- (74) **HENDRICKS, Glenna**; P.O. Box 2509, Fairfax, VA 22031-2509 (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 98/50069** (13) A1
 (21) PCT/US98/09346
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/854,110 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 39/00, 39/38, 39/245, 39/265, 39/27, 39/12, C12N 7/04**
- (54) ● RECOMBINANT FELINE HERPESVIRUS COMPRISING A FOREIGN DNA INSERTED INTO A FELINE HERPESVIRUS GENOME
 ● HERPESVIRUS FELIN RECOMBINE COM-PRENANT UN ADN ETRANGER INTRO-DUIT DANS UN GENOME D'HERPESVIRUS FELIN
- (63) US 08/854,110 (CIP)
 9 May/mai 1997 (09.05.1997)
- (71) **SYNTRO CORPORATION** [US/US]; 9699 Lack-man Road, Lenexa, KS 66219 (US).
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- (72, 75) **COCHRAN, Mark, D.** [US/US]; 4506 Hori-zon Drive, Carlsbad, CA 92008 (US). **WINSLOW, Barbara, J.** [US/US]; 703 Stratford Court #7, Del-mar, CA 92014 (US).
- (74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50070** (13) A1
 (21) PCT/US98/08868
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/850,492 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **A61K 39/21, C07K 14/155, 14/16, C12N 7/04**
- (54) ● LIVE VIRUS VACCINES TO PROTECT PRIMATES FROM HIV-1 INFECTION AND DISEASE
● VACCINS A BASE DE VIRUS VIVANTS VISANT A PROTEGER DES PRIMATES CONTRE L'INFECTION ET LA MALADIE DUES AU VIH-1
- (63) US 08/850,492 (CON)
2 May/mai 1997 (02.05.1997)
- (71) **UNIVERSITY OF KANSAS MEDICAL CENTER** [US/US]; 3901 Rainbow Boulevard, Kansas City, KS 66160 (US).
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- (72, 75) **NARAYAN, Opendra** [US/US]; 535 Hillcrest E., Lake Quivira, KS 66106 (US).
- (74) **CHAO, Mark**; 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 98/50071** (13) A1
- (21) PCT/US98/08146
- (22) **22 Apr/avr 1998 (22.04.1998)**
- (25) en (26) en
- (31) 60/045,262 (32) **1 May/mai 1997 (01.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 39/39, 39/29, 39/102, 39/095**
- (54) ● USE OF VIRUS-LIKE PARTICLES AS ADJUVANTS
● UTILISATION DE PARTICULES DE TYPE VIRAL EN TANT QU'ADJUVANTS
- (71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street - R440, Emeryville, CA 94608 (US).
- (72) **GRANOFF, Dan, M.**; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US).
GREER, Catherine, E.; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US).
VAN NEST, Gary, A.; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US).
- (74) **HARBIN, Alisa, A.**; Chiron Corporation, Intellectual Property - R440, P.O. Box 8097, Emeryville, CA 94662-8097 (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).

(11) **WO 98/50072** (13) A1

(21) PCT/DE98/01244

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

- (25) de (26) de
- (31) 197 20 154.7 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 39/395, C07K 16/28, A61K 35/14, C12N 5/06**
- (54) ● AGENT FOR TREATING TUMORAL DISEASES BY REMOVING B-LYMPHOCYTES FROM PATIENTS
● AGENT POUR LE TRAITEMENT DE MALADIES TUMORALES PAR ELIMINATION DES LYMPHOCYTES B CHEZ LES PATIENTS
- (71) **MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN** [DE/DE]; Robert-Rössle-Strasse 10, D-13125 Berlin (DE).
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- (74) **BAUMBACH, Fritz**; BioTez Berlin-Buch GmbH, Patentstelle, Robert-Rössle-Strasse 10, D-13125 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 98/50073** (13) A1
- (21) PCT/US98/09476
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) 60/046,106 (32) **9 May/mai 1997 (09.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 39/395, 48/00, C07H 21/04, C07K 14/435, 14/705, 16/00, 16/28, C12N 15/11, 15/63, G01N 33/53**
- (54) ● INTEGRIN LIGAND, HUMAN MINDIN
● LIGAND D'INTEGRINE, MINDINE HUMAINE
- (71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US).
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- (72, 75) **JONAK, Zdenka, L.** [US/US]; 128 Ladderback Lane, Devon, PA 19333 (US).
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LANE, Pamela, A. [US/US]; 31 Colton Drive, Norristown, PA 19401 (US).
- (74) **LEWIS, Christopher, R.** et al. / etc.; Ratner & Prestia, Suite 301, One Westlakes, Berwyn, P.O. Box 980, Valley Forge, PA 19482-0980 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50074** (13) A2

(21) PCT/US98/09237

- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 60/045,739 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (31) 60/045,780 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (31) 60/045,787 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (31) 60/045,779 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (31) 60/045,784 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (31) 60/045,689 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (31) 08/911,593 (32) **14 Aug/août 1997 (14.08.1997)** (33) US
- (31) 09/025,521 (32) **18 Feb/fév 1998 (18.02.1998)** (33) US
- (31) 09/025,174 (32) **18 Feb/fév 1998 (18.02.1998)** (33) US
- (31) 09/025,176 (32) **18 Feb/fév 1998 (18.02.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61K 45/00**
- (54) ● DIAGNOSIS AND MANAGEMENT OF INFECTION CAUSED BY *CHLAMYDIA*
● DIAGNOSTIC ET GESTION D'INFECTIONS PROVOQUEES PAR *CHLAMYDIA*
- (63) US 60/045,689 (CIP)
6 May/mai 1997 (06.05.1997)
US 09/025,521 (CIP)
18 Feb/fév 1998 (18.02.1998)
US 09/025,176 (CIP)
18 Feb/fév 1998 (18.02.1998)
US 09/025,174 (CIP)
18 Feb/fév 1998 (18.02.1998)
US 60/045,739 (CIP)
6 May/mai 1997 (06.05.1997)
US 60/045,779 (CIP)
6 May/mai 1997 (06.05.1997)
US 60/045,780 (CIP)
6 May/mai 1997 (06.05.1997)
US 60/045,784 (CIP)
6 May/mai 1997 (06.05.1997)
US 60/045,787 (CIP)
6 May/mai 1997 (06.05.1997)
US 60/045,689 (CIP)
6 May/mai 1997 (06.05.1997)
- (71) **VANDERBILT UNIVERSITY** [US/US]; Nashville, TN 37205 (US).
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- (72, 75) **MITCHELL, William, M.** [US/US]; 251 Vaughns Gap Road, Nashville, TN 37205 (US).
STRATTON, Charles, W. [US/US]; 207 Kensington Park, Nashville, TN 37215 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

(51)⁶ **A61K 45/00**

- (11) **WO 98/50075** (13) A1
- (21) PCT/US98/09252

- (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en
 (31) 60/045,914 (32) **7 May/mai 1997 (07.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 45/06, 31/485, 31/13**
 (54) ● COX-2 INHIBITORS IN COMBINATION WITH NMDA-BLOCKERS FOR TREATING PAIN
 ● INHIBITEURS DE COX-2 EN COMBINAISON AVEC DES AGENTS BLOQUANTS LE NMDA POUR TRAITER LA DOULEUR
 (71) **ALGOS PHARMACEUTICAL CORPORATION** [US/US]; Collingwood Plaza, 4900 Route 33, Neptune, NJ 07753 (US).
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 (72, 75) **CARUSO, Frank, S.** [US/US]; 2 Bowling Green, Colts Neck, NJ 07722 (US).
 (74) **DILWORTH, Peter, G.** 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 98/50076** (13) A1
 (21) PCT/US98/09053
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) 60/045,521 (32) **3 May/mai 1997 (03.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 47/00**
 (54) ● METHODS FOR PREVENTING AND TREATING THE INSULT-INDUCED METABOLIC IMBALANCE IN HUMANS AND OTHER ANIMALS
 ● METHODES DE PREVENTION ET DE TRAITEMENT DU DESEQUILIBRE METABOLIQUE INDUIT PAR INSULTE CHEZ LES HUMAINS ET DES ANIMAUX
 (71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West Seventh Street, Austin, TX 78071 (US).
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 (72, 75) **KRUZEL, Marian, L.** [-/US]; 13627 LaConcha Lane, Houston, TX 77083 (US). **CASTRO, Gilbert, A.** [-/US]; 9738 Clanton, Houston, TX 77080 (US).
 (74) **MYERS, Kurt, S.**; 7634 Braesdale, Houston, TX 77071 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50077** (13) A1
 (21) PCT/US98/08221
 (22) **20 Apr/avr 1998 (20.04.1998)**
 (25) en (26) en
 (31) 08/851,006 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 47/40, 47/48, 9/28**
 (54) ● SOLID PHARMACEUTICAL FORMULATIONS CONTAINING A PHYSICAL MIXTURE OF SULFOALKYL ETHER CYCLODEXTRIN AND A THERAPEUTIC AGENT
 ● FORMULATIONS PHARMACEUTIQUES SOLIDES CONTENANT UN MELANGE PHYSIQUE DE SULFOALKYL ETHER CYCLODEXTRINE ET UN AGENT THERAPEUTIQUE
 (71) **CYDEX INC.** [US/US]; Suite 370, 7304 West 130th Street, Overland Park, KS 66213-2627 (US).
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 (72, 75) **STELLA, Valentino, K.** [SZ/SZ]; The University of Kansas, Dept. of Pharmaceutical Chemistry, 2095 Constant Avenue, Lawrence, KS 66047 (US). **MACGINITY, James** [US/US]; 4209 Dunning Lane, Austin, TX 78746 (US). **RAJEWSKI, Roger, A.** [-/US]; The University of Kansas, Dept. of Pharmaceutical Chemistry, 2095 Constant Avenue, Lawrence, KS 66047 (US).
 (74) **MAYFIELD, Denise, L.**; Locke Purnell Rain Harrell, Suite 2200, 2200 Ross Avenue, Dallas, TX 78701-6776 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LC 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 98/50078** (13) A1
 (21) PCT/US98/08849
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) 60/045,295 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 47/48**
 (54) ● LIPOPHILIC AND/OR LYTIC PEPTIDES FOR SPECIFIC DELIVERY OF NUCLEIC ACIDS TO CELLS
 ● PEPTIDES LIPOPHILES ET/OU LYTIQUES PERMETTANT L'APPORT SPECIFIQUE D'ACIDES NUCLEIQUES A DES CELLULES
 (71) **GENEMEDICINE, INC.** [US/US]; 8301 New Trails Drive, The Woodlands, TX 77381-4248 (US). **BAYLOR COLLEGE OF MEDICINE** [US/US]; One Baylor Plaza, Houston, TX 77030 (US).
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 (72, 75) **WADWHA, Manpreet, S.** [IN/US]; 26001 Budde Road #304, Spring, TX 77380 (US). **ROLAND, Alain** [FR/US]; 22 Driftoak Circle, The Woodlands, TX 77381 (US). **SMITH, Louis, C.** [US/US]; 2339 South Boulevard, Houston, TX 77098 (US). **LOGAN, Mark** [US/US]; 57 South Circlewood Glen, The Woodlands, TX 77381 (US). **SPARROW, James, T.** [US/US]; 12119 Atwell Drive, Houston, TX 77035 (US).
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- (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 98/50079** (13) A2
 (21) PCT/US98/08848
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) 08/852,779 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 48/00**
 (54) ● TECHNIQUES AND COMPOSITIONS FOR TREATING HEART FAILURE AND VENTRICULAR REMODELING BY *IN VIVO* DELIVERY OF ANGIOGENIC TRANSGENES
 ● TECHNIQUES ET COMPOSITIONS DESTINEES AU TRAITEMENT D'UNE INSUFFISANCE CARDIAQUE ET DU REMODELAGE VENTRICULAIRE PAR APPORT *IN VIVO* DE TRANSGENES ANGIOGENIQUES
 (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 22nd floor, 300 Lakeside Drive, Oakland, CA 94612-3550 (US).
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 (74) **DYLAN, Tyler, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50080** (13) A1
 (21) PCT/US98/09150
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/852,927 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (31) 08/962,750 (32) **3 Nov/nov 1997 (03.11.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **A61K 49/00, A01N 63/00, C12N 1/20**
 (54) ● METHODS OF SCREENING COMPOUNDS USEFUL FOR PREVENTION OF INFECTION OR PATHOGENICITY
 ● PROCEDES DE CRIBLAGE DE COMPOSES UTILES POUR LA PREVENTION DE L'INFECTION OU DE LA PATHOGENICITE
 Published / Publiée : (c)

(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02114 (US). **THE NETHERLANDS CANCER INSTITUTE** [DK/DK]; Antoni van Leeuwenhoek Ziekenhuis, Plesmanlaan 121, NL-1066 CX Amsterdam (NL).

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(74) **ELBING, Karen, L.**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50081** (13) A2

(21) PCT/US98/09343

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/045,961 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 08/891,243 (32) **10 Jul/juil 1997 (10.07.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61K 49/00**

(54) ● FUNCTIONAL EXPRESSION OF, AND ASSAY FOR, FUNCTIONAL CELLULAR RECEPTORS IN VIVO
● EXPRESSION FONCTIONNELLE DE RECEPTEURS CELLULAIRES FONCTIONNELS IN VIVO ET DOSAGES DE CES RECEPTEURS

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(74) **FOX, David, L.**; Fulbright & Jaworski LLP, Suite 5100, 1301 McKinney, Houston, TX 77010-3095 (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).

(11) **WO 98/50082** (13) A2

(21) PCT/US98/08533

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

(25) en (26) en

(31) 08/850,361 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61L**

(54) ● TISSUE FIXATION WITH CROSS-LINKING COMPOUNDS
● FIXATION DE TISSUS A L'AIDE DE COMPOSES DE RETICULATION

(71) **ST. JUDE MEDICAL, INC.** [US/US]; One Lillehei Plaza, St. Paul, MN 55117 (US).

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(74) **DARDI, Peter, S.**; Westman, Champlin & Kelly, P.A., International Centre, Suite 1600, 900 Second Avenue South, Minneapolis, MN 55402-3319 (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).

(11) **WO 98/50083** (13) A1

(21) PCT/US97/07876

(22) **8 May/mai 1997 (08.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61L 2/06**

(54) ● STERILIZABLE TRAY DIVIDER SYSTEM
● SYSTEME DE COMPARTIMENTAGE DE PLATEAU STERILISABLE

(71) **CASE MEDICAL, INC.** [US/US]; 65 Railroad Avenue, Ridgefield, NJ 07657 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FRIEZE, Allan, S.** [US/US]; 45 Berkery Place, Alpine, NJ 07620-0472 (US).

(74) **WOODBIDGE, Richard, C.**; Woodbridge & Associates, P.C., P.O. Box 592, Princeton, NJ 08542-0592 (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).

Published / Publiée : (b)

(11) **WO 98/50084** (13) A1

(21) PCT/US98/07826

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

(25) en (26) en

(31) 08/854,221 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61L 2/18**

(54) ● COMPOSITIONS AND METHODS FOR ENHANCING CONTACT LENS WEARABILITY
● COMPOSITIONS ET PROCEDES POUR UN MEILLEUR CONFORT DES LENTILLES DE CONTACT

(71) **ALLERGAN SALES, INC.** [US/US]; 2525 Dupon Drive, Irvine, CA 92612 (US).

(72) **VEHIGE, Joseph, G.**; 28386 La Pradera, Laguna Niguel, CA 92677 (US). **CURRIE, James, P.**; 28746 Vista Santiago, Trabuco Canyon, CA 92679 (US).

(74) **FISHER, Carlos, A.** et al. / etc.; Allergan Sales, Inc., 2525 Dupont 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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)

(11) **WO 98/50085** (13) A1

(21) PCT/US97/17728

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 08/852,213 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61L 15/42, C09J 7/02**

(54) ● TEXTURED, MATTE-FINISH, LOW ADHESION COATINGS
● REVETEMENT TEXTURES, AU FINI MAT, A FAIBLE ADHERENCE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **BRANDT, Patricia, J., A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **CAPECCHI, John, T.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **ANDERSON, Scott, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **SPRAGUE, Robert, W.** 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).

(11) **WO 98/50086** (13) A2

(21) PCT/US98/09381

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,856 (32) **8 May/mai 1997 (08.05.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61L 27/00**
- (54) ● MEDICAL DEVICES CONTAINING SEGMENTED POLYURETHANE BIOMATERIALS
● DISPOSITIFS MEDICAUX CONTENANT DES BIOMATERIAUX DE POLYURETHANE SEGMENTE
- (63) US 60/046,856 (CON)
8 May/mai 1997 (08.05.1997)
- (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) **BENZ, Michael, Eric** [US/US]; 15410 Hematite Street Northwest, Ramsey, MN 55303 (US).
BONNEMA, Kelvin [US/US]; 128 7th Avenue North, Brooklyn Park, MN 55444 (US).
DIDOMENICO, Edward [US/US]; 633 School Street, Anoka, MN 55303 (US).
HOBOT, Christopher, M. [US/US]; 40 Pleasant Lane West, Tonka Bay, MN 55331 (US).
MILLER, David, L. [US/US]; 154 Glenview Avenue, Circle Pines, MN 55014 (US).
- (74) **WOODS, Thomas, F.** et al. / etc.; Medtronic, Inc., 7000 Central Avenue Northeast, MS 301, Minneapolis, MN 55432 (US).
- (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 98/50087** (13) A1
- (21) PCT/US98/09495
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) en (26) en
- (31) 60/045,953 (32) **8 May/mai 1997 (08.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61L 29/00**
- (54) ● IMPROVED MEDICAL DEVICE HAVING DESIRABLE COMBINATION OF PROPERTIES AND METHOD OF MAKING SAME
● DISPOSITIF MEDICAL AMELIORE PRESENTANT UNE COMBINAISON DE PROPRIETES VOULUES, ET SON PROCEDE DE FABRICATION
- (63) US 60/045,953 (CIP)
8 May/mai 1997 (08.05.1997)
- (71) **C.R. BARD, INC.** [US/US]; 730 Central Avenue, Murray Hill, NJ 07974 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TEDESCHI, Eugene** [US/US]; 216 Still River Road, P.O. Box 95, Still River, MA 01467 (US).
HUDSON, John [US/US]; 27 Fairview Drive, Wells, ME 04090 (US).
WOLFGANG, Laurel [US/US]; 12 Phillips Street, Lowell, MA 01854 (US).
- (74) **CALVARUSO, Joseph, A.**; Morgan & Finnegan, L.L.P., 345 Park Avenue, New York, NY 10154 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/50088** (13) A1
- (21) PCT/US98/06942
- (22) **8 Apr/avr 1998 (08.04.1998)**
- (25) en (26) en
- (31) 08/853,051 (32) **8 May/mai 1997 (08.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 1/00, B01D 63/00**
- (54) ● METHOD AND APPARATUS FOR CONTINUOUS PERITONEAL CASCADE DIALYSIS AND HEMOFILTRATION (CPCD/H)
● PROCEDE ET APPAREIL POUR DIALYSE PERITONEALE EN CASCADE CONTINUE ET HEMOFILTRATION (CPCD/H)
- (71) **TRANSVIVO, INC.** [US/US]; Suite 206, 1100 Lincoln Avenue, Napa, CA 94558 (US).
- (72) **GORSUCH, Reynolds, G.**; 1119 State Lane, Yountville, CA 94599 (US).
- (74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson and Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/50089** (13) A1
- (21) PCT/US98/08809
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 08/848,980 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 1/10, F04D 29/58, H01L 23/38, 35/00**
- (54) ● ROTARY PUMP HAVING A BEARING WHICH DISSIPATES HEAT
● POMPE ROTATIVE A PALIER DISSIPANT LA CHALEUR
- (71) **UNIVERSITY OF PITTSBURGH** [US/US]; 5th Avenue and Bigelow Boulevard, Pittsburgh, PA 15260 (US).
- (72) **BURGREEN, Gregory, W.**; 372 Sunset Road, Pittsburgh, PA 15237 (US).
ANTAKI, James, F.; 4373 Mt. Royal Boulevard, Allison Park, PA 15101 (US).
- (74) **BORDAS, Carol, I.** 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/50090** (13) A1
- (21) PCT/JP97/01548
- (22) **8 May/mai 1997 (08.05.1997)**
- (25) ja (26) ja
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 1/14**
- (54) ● BACTERIA REMOVING FILTER UNIT FOR HEMODIALYZER AND HEMODIALYZER WITH BACTERIA REMOVING FILTER
● UNITE DE FILTRAGE POUR ELIMINER LES BACTERIES DANS UN REIN ARTIFICIEL, ET REIN ARTIFICIEL AVEC FILTRE D'ELIMINATION DE BACTERIES
- (71) **SCITEC K.K.** [JP/JP]; 20-41, Ohfuna 2-chome, Kamakura-shi, Kanagawa 247 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SHIBATA, Takeru** [JP/JP]; 5587-22, Shinyoshidamachi, Kouhoku-ku, Yokohama-shi, Kanagawa 223 (JP).
- (74) **SASAI, Hiroki**; Kiyoken Building, Yokohama-Just, 12-6, Takashima 2-chome, Nishi-ku, Yokohama-shi, Kanagawa 220 (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 98/50091** (13) A1
- (21) PCT/IB98/00653
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) fr (26) fr
- (31) 1071/97 (32) **7 May/mai 1997 (07.05.1997)** (33) CH
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 1/34**
- (54) ● METHOD FOR CONTROLLING A BLOOD PURIFYING DEVICE
● PROCEDE DE CONTROLE DE DISPOSITIF D'EPURATION DE SANG
- (71, 72) **FAVRE, Olivier** [CH/CH]; 36, chemin Frank-Thomas, CH-1208 Genève (CH).
- (72, 75) **DROZ, Claude** [CH/CH]; 61, rue de la Prulay, CH-1217 Meyrin (CH).
- (74) **MOINAS, Michel** et al. / etc.; Moinas Savoye & Cronin, 42, rue Plantamour, CH-1201 Genève (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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- (11) **WO 98/50092** (13) A1
- (21) PCT/US98/08951
- (22) **4 May/mai 1998 (04.05.1998)**
- (25) en (26) en
- (31) 08/853,076 (32) **8 May/mai 1997 (08.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 5/00**

- (54) ● METHOD AND APPARATUS FOR INSERTING A GLAUCOMA IMPLANT IN AN ANTERIOR AND POSTERIOR SEGMENT OF THE EYE
- TECHNIQUE D'INSERTION D'IMPLANT DANS LES SEGMENTS ANTERIEUR ET POSTERIEUR DE L'OEIL D'UN PATIENT ATTEINT DE GLAUCOME ET APPAREIL AFFERENT

(71) **PHARMACIA & UPJOHN COMPANY** [US/US]; 95 Corporate Drive, P.O. Box 6995, Bridgewater, NJ 08807-0995 (US).

(72) **BAERVELDT, George**; 2735 Cranlyn Road, Shaker Heights, OH 44122 (US).

(74) **ALTMAN, Daniel, E.**; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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)

(11) **WO 98/50093** (13) A1

(21) PCT/US98/08968

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,412 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61M 5/00**

(54) ● TROCAR SEAL SYSTEM

● SYSTEME DE JOINT POUR TROCART

(71) **UNITED STATES SURGICAL CORPORATION** [US/US]; 150 Glover Avenue, Norwalk, CT 06856 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RACENET, David, C.** [US/US]; 1153 Bullet Hill Road, Southbury, CT 06488 (US). **STELLON, Gene, A.** [US/US]; 368 Savage Street, Southington, CT 06489 (US). **VUMBACK, William, J.** [US/US]; 40 Sunnyside Drive, Northford, CT 06472 (US). **PASQUALUCCI, Joseph** [US/US]; 91 Scrub Oak Road, North Haven, CT 06743 (US).

(74) **FARRELL, Raymond, E.**; Dilworth & Barrese, 333 Earle Ovington Boulevard, Uniondale, NY 11553 (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).

(11) **WO 98/50094** (13) A1

(21) PCT/FR98/00885

(22) **4 May/mai 1998 (04.05.1998)**

(25) fr (26) fr

(31) 97/05786 (32) **5 May/mai 1997 (05.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61M 5/46, 5/32, 5/24**

(54) ● INJECTION SYSTEM ADJUSTING THE NEEDLE USEFUL LENGTH

● SYSTEME D'INJECTION QUI PERMET D'AJUSTER LA LONGUEUR UTILE DE L'AIGUILLE

(71, 72) **DREYSTADT, Stéphane** [FR/FR]; 7, avenue Gadagne, F-69230 Saint-Genis-Laval (FR).

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

Published / Publiée : (c)

(11) **WO 98/50095** (13) A1

(21) PCT/AU97/00278

(22) **7 May/mai 1997 (07.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61M 16/00**

(54) ● CONTROLLING GAS OR DRUG DELIVERY TO PATIENT

● CONTROLE DE L'ADMINISTRATION DE GAZ OU DE MEDICAMENT A UN PATIENT

(71) **COMPUMEDICS SLEEP PTY. LTD.** [AU/AU]; 1 Marine Parade, Abbotsford, VIC 3067 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BURTON, David** [AU/AU]; 62 Broadway, Camberwell, VIC 3124 (AU).

(74) **PHILLIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (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 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).

(11) **WO 98/50096** (13) A1

(21) PCT/US98/08623

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

(25) en (26) en

(31) 08/850,414 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61M 16/00, 29/00, A62B 9/06**

(54) ● FOAM CUFF FOR LARYNGEAL MASK AIRWAY

● BALLONNET EN MOUSSE POUR TUBAGE ENDOTRACHEAL

(71, 72) **KAMEN, Jack, M.** [US/US]; 8782 North Cricket Tree Lane, Indianapolis, IN 46260 (US).

(74) **CARTER, R., Trevor**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

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

(11) **WO 98/50097** (13) A1

(21) PCT/US98/08582

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

(25) en (26) en

(31) 08/850,953 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(31) 09/048,007 (32) **26 Mar/mar 1998 (26.03.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61M 25/00**

(54) ● SINGLE SEGMENT MICROCATHETER

● MICROCATHETER A UN SEUL SEGMENT

(71) **MICRO THERAPEUTICS, INC.** [US/US]; 1062-F Calle Negocio, San Clemente, CA 92673 (US).

(72) **CHOW, Sean, L.**; 640 S. Andover Street, Anaheim, CA 92807 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50098** (13) A1

(21) PCT/US98/09154

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/045,989 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61M 25/00**

(54) ● IMPROVED MULTI-DUROMETER CATHETER

● CATHETER MULTIDURETE PERFECTIIONNE

(71) **MICROVENA CORPORATION** [US/US]; 1861 Buerkle Road, White Bear Lake, MN 55110-5246 (US). **INFINITY EXTRUSION & ENGINEERING, INC.** [US/US]; Building 6, 3350 Scott Boulevard, Santa Clara, CA 95054 (US).

(72) **WIESNER, Steven**; 1183 Yarwood Court, San Jose, CA 95128 (US). **WILKINS, Douglas**; 989 Leo Drive, San Jose, CA 95129 (US). **SEGERMARK, James**; 3635 Big Fox Road, Gem Lake, MN 55110 (US).

(74) **HOTCHKISS, Edward, S.**; Fredrikson & Byron, P.A., 1100 International Centre, 900 2nd Avenue S., Minneapolis, MN 55402-3397 (US).

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

(11) **WO 98/50099** (13) A1

(21) PCT/US98/07936

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

(25) en (26) en

- (31) 08/847,262 (32) **1 May/mai 1997** (33) US (01.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 27/00, 1/16**
- (54) ● IMPROVED METHOD AND SYSTEM FOR REMOVING MATERIALS FROM LYMPHATIC AND OTHER FLUIDS
● PROCEDE ET SYSTEME PERMETTANT D'EXTRAIRE DES SUBSTANCES DE LA LYMPHE ET D'AUTRES FLUIDES
- (71) **S.L.I.M. TECH, LTD.** [US/US]; Marsh Creek Corporate Center, Suite 103, 75 East Uwchlan Avenue, Exton, PA 19341 (US).
- (72) **KENSEY, Kenneth**; 8 Hickory Lane, Chester Springs, PA 19425 (US).
- (74) **STEIN, Barry, A.**; Caesar, Rivise, Bernstein, Cohen & Pokotilow, Ltd., 7 Penn Center, 12th floor, 1635 Market Street, Philadelphia, PA 19103-2212 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50100** (13) A1
- (21) PCT/US98/08937
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 08/850,545 (32) **2 May/mai 1997** (33) US (02.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 27/00, 25/10**
- (54) ● SYSTEMS AND METHODS FOR PROMOTING TISSUE GROWTH
● SYSTEMES ET PROCEDES FAVORISANT LA CROISSANCE TISSULAIRE
- (71) **CHILDREN'S MEDICAL CENTER CORPORATION** [US/US]; 300 Longwood Avenue, Boston, MA 02115 (US).
- (72) **ATALA, Anthony**; 74 Westerly Road, Weston, MA 02193 (US).
- (74) **ENGELLENNER, Thomas, J.** 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50101** (13) A1
- (21) PCT/US98/07772
- (22) **22 Apr/avr 1998 (22.04.1998)**
- (25) en (26) en
- (31) 08/852,277 (32) **7 May/mai 1997** (33) US (07.05.1997)
- (35) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 29/00**
- (54) ● BALLOON CATHETER APPARATUS AND METHOD
● APPAREIL A CATHETER A BALLONNET ET PROCEDE D'UTILISATION
- (71) **APPLIED MEDICAL RESOURCES CORPORATION** [US/US]; Suite 103, 26051 Merit Circle, Laguna Hills, CA 92653 (US).
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- (72, 75) **HART, Charles, C.** [US/US]; 8252 Mandeville, Huntington Beach, CA 92646 (US).
CHI-SING, Eduardo [US/US]; 75 Shorebreaker Drive, Laguna Niguel, CA 92677 (US).
VANDENBROEK, Frans [US/US]; 4 San Ignacio, Rancho Santa Margarita, CA 92688 (US).
MYERS, Richard, L. [US/US]; Suite 103, 26051 Merit Circle, Laguna Hills, CA 92653 (US).
- (74) **MYERS, Richard, L.**; Suite 103, 26051 Merit Circle, Laguna Hills, CA 92653 (US).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50102** (13) A1
- (21) PCT/US98/08876
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 08/850,311 (32) **5 May/mai 1997** (33) US (05.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 29/00**
- (54) ● WIRE FRAME PARTIAL FLOW OBSTRUCTION DEVICE FOR ANEURYSM TREATMENT
● DISPOSITIF EN FIL DE FER POUR OBSTRUCTION PARTIELLE DE FLUX DESTINE AU TRAITEMENT DE L'ANEVRISME
- (71) **MICRO THERAPEUTICS, INC.** [US/US]; 1062 F Calle Negocio, San Clemente, CA 92672 (US).
- (72) **LENKER, Jay**; 1062 F Calle Negocio, San Clemente, CA 92672 (US).
CROCKETT, K., David; 4093 Tropic Way, Los Angeles, CA 90065 (US).
- (74) **CROCKETT, K., David**; Crockett & Fish, 4093 Tropic Way, Los Angeles, CA 90065 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/50103** (13) A1
- (21) PCT/US98/08920
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 08/852,867 (32) **8 May/mai 1997** (33) US (08.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 29/00**
- (54) ● PERCUTANEOUS CATHETER AND GUIDE-WIRE HAVING FILTER AND MEDICAL DEVICE DEPLOYMENT CAPABILITIES
● CATHETER PERCUTANE ET FIL-GUIDE A CAPACITE DE DEPLOIEMENT DE FILTRE ET DE DISPOSITIF MEDICAL
- (71) **EMBOL-X, INC.** [US/US]; 3110 Coronado Drive, Santa Clara, CA 95054-3205 (US).
- (72) **TSUGITA, Ross, S.**; 1653 Gretel Lane, Mountain View, CA 94040 (US).
MAAHS, Tracy, D.; 312 Sequoia Avenue, Redwood City, CA 94061 (US).
JANG, Yue-Teh; 43659 Skye Road, Fremont, CA 94539 (US).
- (74) **KAPPOS, John, C.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50104** (13) A1
- (21) PCT/US98/08912
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 08/850,795 (32) **2 May/mai 1997** (33) US (02.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 37/00**
- (54) ● DEVICE AND METHOD FOR ACCESSING A BODY CAVITY
● DISPOSITIFS ET PROCEDES POUR L'ACCES A UNE CAVITE CORPORELLE
- (71) **INNERDYNE, INC.** [US/US]; 1244 Reamwood Avenue, Sunnyvale, CA 94089 (US).
- (72) **ORTH, Michael, J.**; 15875 Walter Breton Drive, Morgan Hill, CA 95037 (US).
CARLSON, John, E.; 6088 Glen Harbor Drive, San Jose, CA 95123 (US).
DUBRUL, William, R.; P.O. Box 246, Redwood City, CA 94064 (US).
MASTERSON, Steven, P.; 1901 Mariposa, San Francisco, CA 94107 (US).
- (74) **HESLIN, James, M.** et al. / etc.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US).
- (81) JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50105** (13) A1
- (21) PCT/US98/09653
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) en (26) en
- (31) 60/046,051 (32) **9 May/mai 1997** (33) US (09.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **A61M 39/14, 39/10**
- (54) ● CONNECTOR ASSEMBLIES, FLUID SYSTEMS, AND METHODS FOR MAKING A CONNECTION
● ENSEMBLES CONNECTEURS, SYSTEMES DE FLUIDE ET PROCEDES PERMETTANT D'EFFECTUER UNE CONNEXION
- (71) **PALL CORPORATION** [US/US]; 2200 Northern Boulevard, East Hills, NY 11548-1209 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MATKOVICH, Vlado, Ivan** [US/US]; 11 Old Estate Road, Glen Cove, NY 11542 (US).
BORMANN, Thomas, J. [US/US]; 29 Cawfield Lane, Melville, NY 11747 (US).
DELGIACCO, Gerard, R. [US/US]; 196 Tibbets Road, Yonkers, NY 10705 (US).
FRANOVIC, Mladen [US/US]; 15 Hooker Lane, Cos Cob, CT 06807 (US).
- (74) **JAY, Jeremy, M.**; Leydig, Voit & Mayer, Ltd., Suite 300, 700 13th Street, 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 98/50106** (13) A1
(21) PCT/US98/07949
(22) **20 Apr/avr 1998 (20.04.1998)**
(25) en (26) en
(31) 08/853,286 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61M 39/26**

(54) ● NEEDLELESS VALVE CONNECTOR
● CONNECTEUR A VALVE SANS AIGUILLE

(71) **BECTON DICKINSON AND COMPANY** [US/US]; One Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

(72) **ORR, Douglas, P.**; 9214 Stone View Cove, Sandy, UT 84093-3202 (US). **PARADIS, Joseph, R.**; 17 Hickory Forest Drive, Hilton Head Island, SC 29926-2674 (US).

(74) **LEE, Eric, M.**; Becton Dickinson and Company, One Becton Drive, Franklin Lakes, NJ 07417-1880 (US).

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

(11) **WO 98/50107** (13) A1
(21) PCT/US98/09304
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 60/045,775 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61N 1/00**

(54) ● METHODS AND APPARATUS FOR PORTABLE DELIVERY OF ELECTRICAL PHYSICAL THERAPY MODALITIES TO A PATIENT
● PROCEDES ET DISPOSITIF PORTABLE PERMETTANT DE PRATIQUER LA PHYSIOTHERAPIE ELECTRIQUE SUR UN PATIENT

(71, 72) **BOCK, Christopher** [US/US]; 3435 N.E. Clackamas Street, Portland, OR 97232 (US). **GEIST, Steven** [US/US]; 15110 S.E. Grant Street, Portland, OR 97233 (US).

(74) **STOLOWITZ, Micah, D.** et al. / etc.; 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).

(11) **WO 98/50108** (13) A1
(21) PCT/US98/08946
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 08/854,217 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61N 1/39**

(54) ● DEFIBRILLATION APPARATUS AND METHOD
● DISPOSITIF ET PROCEDE POUR LA DEFIBRILLATION

(71) **CEDARS-SINAI MEDICAL CENTER** [US/US]; 8700 Beverly Boulevard, Los Angeles, CA 90048 (US).

(72) **KARAGUEUZIAN, Hrayar, S.**; 4302 Beeman Avenue, Studio City, CA 91604 (US). **CHEN, Peng-Sheng**; 4925 Oakwood Avenue, La Canada, CA 91011 (US).

(74) **FINN, Jeffrey, A.** et al. / etc.; Pretty, Schroeder & Poplawski, 19th floor, 444 South Flower Street, Los Angeles, CA 90071 (US).

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

(11) **WO 98/50109** (13) A1
(21) PCT/US98/09222
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/852,103 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61N 1/39**

(54) ● METHOD AND APPARATUS FOR TREATING CARDIAC ARRHYTHMIA
● PROCEDE ET APPAREIL PERMETTANT DE TRAITER L'ARYTHMIE CARDIAQUE

(71) **CARDIAC PACEMAKERS, INC.** [US/US]; 4100 Hamline Avenue, St. Paul, MN 55112-5798 (US).

(71, 72) **KENKNIGHT, Bruce, H.** [US/US]; 16552 83rd Avenue North, Maple Grove, MN 55311 (US). **HSU, William** [US/US]; 8631 Yalta Street N.E., Circle Pines, MN 55014 (US). **LIN, Yayun** [CN/US]; 1866 Huron Avenue, St. Paul, MN 55113 (US). **JONES, Janice** [US/US]; 24110 Clarksburg Road, Clarksburg, MD 20871 (US).

(74) **VIKSNINS, Ann, S.**; Schwegman, Lundberg, Woessner & Kluth, P.O. Box 2938, Minneapolis, MN 55402 (US).

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

(11) **WO 98/50110** (13) A1
(21) PCT/DK98/00174
(22) **4 May/mai 1998 (04.05.1998)**
(25) da (26) en
(31) 0506/97 (32) **2 May/mai 1997 (02.05.1997)** (33) DK

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A61N 1/44**

(54) ● IONIZED AIRSTREAM BLOWER FOR IMPROVEMENT OF THE WELL-BEING OF A PERSON AND THE BACTERIOLOGICAL CONDITIONS IN THE AREAS AROUND THE PERSON
● DISPOSITIF DE SOUFFLAGE DE COURANT D'AIR IONISE POUR AMELIORER LE BIEN-ETRE D'UNE PERSONNE ET LES CONDITIONS BACTERIOLOGIQUES DANS L'ENVIRONNEMENT DE CETTE PERSONNE

(71, 72) **WETLING, John** [DK/DK]; Peder Olsens Vej 18, DK-3390 Hundested (DK).

(74) **OSTENFELD PATENTBUREAU A/S**; Bredgade 41, P.O. Box 1183, DK-1011 Copenhagen K (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 98/50111** (13) A2
(21) PCT/US98/09164
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 08/851,046 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A62C**

(54) ● FLAME EXTINGUISHMENT COMPOSITION AND METHOD OF MAKING AND USING SAME
● COMPOSITION D'EXTINCTION DE FLAMME, SON PROCEDE DE FABRICATION ET SON UTILISATION

(71) **THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** [US/US]; 1000 Asp Avenue, Norman, OK 78019 (US).

(72) **HAGEN, Arnulf, P.**; 819 North Berry Road, Norman, OK 73069 (US). **CHRISTIAN, Sherril, D.**; 2891 Twin Acres Drive, Norman, OK 73071 (US). **TUCKER, Edwin, E.**; 1805 Aladdin Street, Norman, OK 73072 (US). **SLIEPCEVICH, Cedimir, M.**; Route 1, Box 41-B1, Washington, OK 73093 (US). **LOTT, Jerry, L.**; 1228 Benson Drive, Norman, OK 73071 (US).

(74) **BERG, Richard, P.** et al. / etc.; Ladas & Parry, Suite 2100, 5670 Wilshire Boulevard, Los Angeles, CA 90036-5679 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50112** (13) A1

(21) PCT/EP98/02663

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) VI97A000067 (32) 8 May/mai 1997 (08.05.1997) (33) IT

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ A62C 2/24, E05F 15/20

(54) ● SAFETY DEVICE FOR AUTOMATIC CONTROL FOR THE OPENING OF SKYLIGHTS, WINDOWS OR DOORS

● DISPOSITIF DE SECURITE DESTINE A UNE COMMANDE AUTOMATIQUE D'OUVERTURE DE LUCARNES, DE FENETRES OU DE PORTES

(71, 72) CAODURO, Carlo [IT/IT]; Via Roma, 26, I-36010 Monticello Conte Otto (IT). CAODURO, Paolo [IT/IT]; Via Europa, 15, I-36010 Zanè (IT).

(74) BONINI, Ercole; Studio Ing. E. Bonini s.r.l., Corso Fogazzaro, 8, I-36100 Vicenza (IT).

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

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(11) WO 98/50113 (13) A1

(21) PCT/US98/09110

(22) 4 May/mai 1998 (04.05.1998)

(25) en (26) en

(31) TO97A000381 (32) 5 May/mai 1997 (05.05.1997) (33) IT

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ A62C 31/00

(54) ● SHOWER HEAD WITH SWITCHING OF SPRAY MODE

● POMME DE DOUCHE A VARIATION D'ASPERSION

(71) MASCO CORPORATION [US/US]; 21001 Van Born Road, Taylor, MI 48180 (US).
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(72, 75) KNAPP, Alfons [DE/DE]; Klockstrasse 15, D-Biberach Riss (DE).

(74) KAPUSTLIJ, Myron, B.; Masco Corporation, 21001 Van Born Road, Taylor, MI 48180 (US).

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

(11) WO 98/50114 (13) A1

(21) PCT/US98/08086

(22) 11 May/mai 1998 (11.05.1998)

(25) en (26) en

(31) 08/853,517 (32) 9 May/mai 1997 (09.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ A62D 1/04, B01F 3/04, 17/30, B01J 13/00

(54) ● FOAMABLE COMPOSITION AND METHOD AND APPARATUS FOR MAKING AN AIR FOAM FROM THE SAME

● COMPOSITION MOUSSANTE ET PROCEDE ET APPAREIL POUR PRODUIRE DE LA MOUSSE MECANIQUE A PARTIE DE CETTE COMPOSITION

(71) PROTEIN FOAMS, INC. [US/US]; One Tower Bridge, Suite 851, West Conshohocken, PA 19428 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BALKIEWICZ, John, Edward [---]; 1240 Wooded Way, Pottstown, PA 19464 (US). KALKSTEIN, David [---]; 53 East Logan Street, Philadelphia, PA 19144 (US).

(74) LETCHFORD, John, F. et al. / etc.; Duane, Morris & Heckscher LLP, One Liberty Place, Philadelphia, PA 19103-7396 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50115 (13) A1

(21) PCT/NZ98/00056

(22) 8 May/mai 1998 (08.05.1998)

(25) en (26) en

(31) 314772 (32) 8 May/mai 1997 (08.05.1997) (33) NZ

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ A63B 53/16

(54) ● GOLF CLUB

● CLUB DE GOLF

(71, 72) MOORE, Simon, Garry [NZ/NZ]; 18 Bronte Place, Cambridge (NZ).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50116 (13) A1

(21) PCT/US98/09114

(22) 4 May/mai 1998 (04.05.1998)

(25) en (26) en

(31) 2,204,554 (32) 6 May/mai 1997 (06.05.1997) (33) CA

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ A63B 59/14

(54) ● HOCKEY STICK HAVING AN OFFSET SHAFT AND BLADE TRANSITIONAL CONNECTION

● BATON DE HOCKEY PRESENTANT UNE TIGE DEPORTEE ET UN RACCORDEMENT TRANSITIONNEL DE LA LAME

(71) INTERNATIONAL MARKETING MANAGEMENT, LLC [US/US]; 948 N. Oak Park Avenue, Oak Park, IL 60302 (US).

(72) UBRIACO, Gene, Paul; 226 Rock Ridge Road, Millersville, MD 21108 (US).

(74) MUSKAL, James, B. et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 N. Stetson, Chicago, IL 60601-6780 (US).

(81) BY CZ GE JP KP KR KZ NO PL RU SI SK UA 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 98/50117 (13) A1

(21) PCT/US98/00281

(22) 14 Jan/jan 1998 (14.01.1998)

(25) en (26) en

(31) 08/853,086 (32) 8 May/mai 1997 (08.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ A63B 69/16

(54) ● BICYCLE TREADMILL WITH SINGLE TURNTABLE

● TAPIS ROULANT A UN SEUL PLATEAU POUR BICYCLETTE

(71, 72) TROTTER, Edward, E. [US/US]; 4545 Gandy Boulevard, Tampa, FL 33611 (US).

(74) VAN ROYEN, William, S.; C. Douglas McDonald Jr. & Associates, P.A., P.O. Box 1528, Tampa, FL 33601-1528 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50118 (13) A1

(21) PCT/US98/09258

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 08/851,674 (32) 6 May/mai 1997 (06.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ A63B 69/36

(54) ● SPORTS TRAINING APPARATUS

● APPAREIL D'ENTRAINEMENT SPORTIF

(71, 72) VARRIANO, Marc, A. [US/US]; Apartment 2-D, 740 Tuckahoe Road, Yonkers, NY 10710 (US).

(74) KILGANNON, William, F.; Suite 200, 2001 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).

(11) WO 98/50119 (13) A1

(21) PCT/YU98/00012

(22) 8 Apr/avr 1998 (08.04.1998)

(25) en (26) en

(31) P-177/97 (32) 8 May/mai 1997 (08.05.1997) (33) YU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ A63C 17/14

- (54) ● **INLINE SKATES WITH TWO BRAKES USED SIMULTANEOUSLY**
● PATINS EN LIGNE COMPORTANT DEUX FREINS A USAGE SIMULTANE
- (71, 72) **BOZINOVIC, Zoran** [YU/YU]; Kralja Milutina 1/2, YU-11000 Beograd (YU).
- (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50120** (13) A1

(21) PCT/US98/08459

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

(25) en (26) en

(31) 08/852,926 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 09/054,583 (32) **3 Apr/avr 1998 (03.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A63F 1/00**

- (54) ● **CASINO POKER GAME**
● JEU DE POKER POUR CASINO

(71) **SELECT VIDEO, INC.** [US/US]; 906 Sheridan Boulevard, Brigantine, NJ 08203 (US).

(72) **GUIDI, Janice, R.**; 1 North Newark Avenue, Ventnor City, NJ 08406 (US).

(74) **COHEN, Robert, B.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50121** (13) A1

(21) PCT/US97/22024

(22) **8 Dec/déc 1997 (08.12.1997)**

(25) en (26) en

(31) PCT/US97/07721 (32) **8 May/mai 1997 (08.05.1997)** (33) WO

(34) US et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A63F 9/00**

- (54) ● **INTERACTIVE EXERCISE PAD SYSTEM**
● SYSTEME D'EXERCICE INTERACTIF AVEC TAPIS

(71) **REAL VISION CORPORATION** [US/US]; 5466 Wildlife Way, Florence, MT 59833 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FEDRIGON, Richard** [US/US]; 935 Ontario Street, Oak Park, IL 60302 (US). **BACON, Bruce, R.** [US/US]; 2117 Cedar Street, Forest Grove, OR 97124 (US). **HILFERTY, Michael, F.** [US/US]; 5466 Wildlife Way, Florence, MT 59833 (US). **FRANCIS, Scott, R.** [US/US]; 631 Del Monte Drive, Hollister, CA 95023 (US). **LUKE, Loren, M.** [US/US]; 1301 Ashwood Court, San Mateo, CA 94402 (US).

(74) **HUGHES, Michael, J.** et al. / etc.; IPLO of Michael J. Hughes, Suite 295, 1171 Homestead Road, Santa Clara, CA 95050-5478 (US).

(81) AU CA CN JP 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).

(11) **WO 98/50122** (13) A1

(21) PCT/ES98/00125

(22) **6 May/mai 1998 (06.05.1998)**

(25) es (26) es

(31) U 9701350 (32) **7 May/mai 1997 (07.05.1997)** (33) ES

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A63F 9/08**

- (54) ● **CYLINDRICAL PUZZLE**
● PUZZLE CYLINDRIQUE

(71, 72) **CABEZAS PARRA, Manuel** [ES/ES]; Avenida Peris y Valero, 130-7^a, E-46005 Valencia (ES).

(74) **UNGRIA LOPEZ, Javier**; Avenida Ramón y Cajal, 78, E-28043 Madrid (ES).

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

(11) **WO 98/50123** (13) A1

(21) PCT/GB98/01264

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

(25) en (26) en

(31) 9708929.6 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A63F 9/22**

- (54) ● **APPARATUS FOR ENTERTAINING A CROWD**
● DISPOSITIF PERMETTANT DE DIVERTIR UN GROUPE DE PERSONNES

(71) **RED FIG LIMITED** [GB/GB]; 42 Dover Street, London W1X 3RB (GB).

(72) **ELLISON, Julian, Goring, Archdale**; Crane Hill Lodge, Cornbury Park, Oxford OX7 3EH (GB). **HANDLEY, James, William**; Basement Flat, 6 Devonshire Street, London W1N 2FT (GB).

(74) **WOODWARD, John, Calvin** et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).

(81) AU 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).

(11) **WO 98/50124** (13) A1

(21) PCT/US98/07309

(22) **10 Apr/avr 1998 (10.04.1998)**

(25) en (26) en

(31) 60/045,406 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 08/914,672 (32) **19 Aug/août 1997 (19.08.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A63G 21/18**

- (54) ● **PARTICIPATORY WATER SLIDE PLAY STRUCTURE**
● TOBOGGAN AQUATIQUE RECREATIF IMPLIQUANT LA PARTICIPATION D'AUTRES PARTICIPANTS

(71, 72) **BRIGGS, Rick, A.** [US/US]; 64 Maple Grove, Springfield, IL 62707 (US).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50125** (13) A1

(21) PCT/US98/07611

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

(25) en (26) en

(31) 08/855,711 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 08/929,588 (32) **15 Sep/sep 1997 (15.09.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A63H 1/30**

- (54) ● **YO-YO HAVING ENGAGEMENT PADS PROXIMATE ITS AXLE**
● YO-YO A DISQUES DE CONTACT PROCHES DE L'AXE

(63) US 08/929,588 (CON)
15 Sep/sep 1997 (15.09.1997)

(71) **PLAYMAXX, INC.** [US/US]; 2410 N. Huachuca Drive, Tucson, AZ 85745 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VAN DAN ELZEN, Thomas, J.** [US/US]; 3970 W. Ironwood Hill Drive, Tucson, AZ 85745 (US). **VAN DAN ELZEN, Hans, W.** [US/US]; Apartment 205, 1896 E. Hayden Lane, Tempe, AZ 85281 (US).

(74) **GUBERNICK, Franklin, L.**; 2540 N. Rising Star Terrace, Tucson, AZ 85745 (US).

(81) AL AM AT 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 KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50126** (13) A1

(21) PCT/US98/08237

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

(25) en (26) en

(31) 08/852,518 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **A63H 3/04, 3/36, 33/26**

- (54) ● POSEABLE TOY FIGURE AND ACCESSORIES
● FIGURINE MANIPULABLE POUR ENFANTS ET ACCESSOIRES

(71) **HEARTHSONG, INC.** [US/US]; 170 Professional Center Drive, Rohnert Park, CA 94928-2149 (US).

(72) **KANE, Barbara**; 2211 Blucher Valley Road, Sebastopol, CA 95472 (US). **SIDOLI, Nathan**; 2211 Blucher Valley Road, Sebastopol, CA 95472 (US). **WINKLER, James, P.**; 323 Whites Landing, Long Beach, CA 90803 (US). **CASE, Ryan**; 11698 Graton Road, Sebastopol, CA 95472 (US).

(74) **KEPLER, John, W., III**; Suelthaus & Walsh P.C., 12th floor, 7733 Forsyth Boulevard, Clayton, MO 63105 (US).

(81) CA CN DE (Utility model / modèle d'utilité) JP KR MX SG; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50127** (13) A2

(21) PCT/RU98/00137

(22) **6 May/mai 1998 (06.05.1998)**

(25) ru (26) ru

(31) 97107409 (32) **6 May/mai 1997 (06.05.1997)** (33) RU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D**

- (54) ● OPERATION METHOD OF A PLANT FOR DISTILLING LIQUID PRODUCTS AND PLANT FOR REALISING THE SAME

- PROCEDE DE FONCTIONNEMENT D'UNE INSTALLATION DE DISTILLATION DE PRODUITS LIQUIDES, ET INSTALLATION PERMETTANT DE METTRE EN OEUVRE CE PROCEDE

(71) **PETRUKHIN, Evgeny Dmitrievich** [RU/CY]; Maikovskiy pereulok, 4, Novorossisk, 353900 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **POPOV, Sergei Anatolievich** [RU/HU]; ul. Korolevy Marii, 54, Budapest, XXI (HU).

(81) CA HU 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).

(11) **WO 98/50128** (13) A1

(21) PCT/US98/09074

(22) **2 May/mai 1998 (02.05.1998)**

(25) en (26) en

(31) 08/848,977 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 1/00, 3/28, 27/08, C10G 31/09**

- (54) ● TWO-STAGE OIL BYPASS FILTER DEVICE
● FILTRE D'HUILE EN DERIVATION A DEUX ETAGES

(71, 72) **WATERS, Paul, J., T.** [US/US]; P.O. Box 99232, San Diego, CA 92169 (US). **HAHN, Scott, A.** [US/US]; 3453 Ingraham Street #227, San Diego, CA 92109 (US).

(74) **CLARKE, Richard, D.**; The Law Office of Richard D. Clarke, 3755 Avocado Boulevard #175, La Mesa, CA 91941-7301 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50129** (13) A1

(21) PCT/US98/09165

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/852,255 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 15/08**

- (54) ● CHROMATOGRAPH WITH COLUMN EXTRACTION
● CHROMATOGRAPHE A EXTRACTION SUR COLONNE

(71) **BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COLLEGE** [US/US]; 203 College Boyd Drive, Baton Rouge, LA 70803 (US).

(74) **PRIMEAUX, Russel, O.** et al. / etc.; Kean, Miller, Hawthorne, D'Armond, McCowan & Jarman, L.L.P., P.O. Box 3513, Baton Rouge, LA 70821 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50130** (13) A1

(21) PCT/US98/08949

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/851,774 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 17/12**

- (54) ● END-OF-LIFE INDICATOR FOR WATER TREATMENT DEVICE
● INDICATEUR DE FIN DE VIE POUR DISPOSITIF DE TRAITEMENT DE L'EAU

(71) **THE CLOROX COMPANY** [US/US]; 1221 Broadway, P.O. Box 24305, Oakland, CA 94623-1305 (US).

(72) **HUANG, Alexander**; 903 Arnold Way, Menlo Park, CA 94025-2515 (US). **FAYRAM, Richard**; 2496 Chabot Terrace, Palo Alto, CA 94303 (US). **STIGGELBOURT, John**; 89 Girard Avenue, Sausalito, CA 94965 (US).

(74) **MAZZA, Michael, J.** et al. / etc.; The Clorox Company, 1221 Broadway, P.O. Box 24305, Oakland, CA 94623-1305 (US).

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

(11) **WO 98/50131** (13) A1

(21) PCT/US98/05182

(22) **18 Mar/mar 1998 (18.03.1998)**

(25) en (26) en

(31) 08/851,339 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 21/26, 35/00**

- (54) ● CYCLONIC FILTER ASSEMBLY

- ENSEMBLE FILTRE CYCLONE

(71, 72) **ANTOUN, Gregory, S.** [US/US]; 25 West High Street, Union City, PA 16438 (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).

(11) **WO 98/50132** (13) A1

(21) PCT/IB97/00880

(22) **6 May/mai 1997 (06.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 29/44, 29/03, E02B 8/02**

- (54) ● BAR SCREEN WITH ROTATING RAKES

- GRILLE A BARREAUX POURVUE DE RATAEAUX ROTATIFS

(71) **SEIDL, Gerald** [AT/AT]; Salzgries 1, A-1010 Wien (AT).

(72) **MAHR, Gernot**; Kupferschmiedgasse 8, A-2201 Hagenbrunn (AT).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 Wien (AT).

(81) AL AU AZ BB BG BR CA CN CZ EE GE HU IL IS JP KP KR LK LR LT LV MD MG MK MN MX NO NZ PL RO SD SG SI SK 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).

(11) **WO 98/50133** (13) A1

(21) PCT/GB98/01274

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

(25) en (26) en

(31) 9708984.1 (32) **3 May/mai 1997 (03.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 43/00, 21/00, B01J 19/10**

- (54) ● PARTICLE MANIPULATION
● MANIPULATION DE PARTICULES

(71) **UNIVERSITY COLLEGE CARDIFF CONSULTANTS LTD.** [GB/GB]; Park Place, Cardiff CF1 3TE (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **COAKLEY, William, Terence** [GB/GB]; 20 Windermere Avenue, Cardiff CF2 5PX (GB).
HAWKES, Jeremy, John [GB/GB]; 8 Ladysmith Road, Penylan, Cardiff CF2 5DT (GB).
BARROW, David, Anthony [GB/GB]; 65 Newfoundland Road, Gabalfa, Cardiff CF4 3LB (GB).
CEFAL, Joseph [GB/GB]; 14 Quarry Road, Swansea SA5 9DJ (GB).

(74) **GIBSON, Stewart, Harry**; Urquhart-Dykes & Lord, Three Trinity Court, 21-27 Newport Road, Cardiff CF2 1AA (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).

Published / Publiée : (c)

(11) **WO 98/50134** (13) A1

(21) PCT/US98/09499

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,022 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 46/00**

(54) ● ISOLATION CHAMBER AIR CURTAIN APPARATUS
● APPAREIL PRODUCTEUR DE RIDEAU D'AIR POUR ENCEINTE D'ISOLEMENT

(71, 72) **SZATMARY, Michael, A.** [US/US]; 87 Avon Place, Castle Rock, CO 80104-9005 (US).

(74) **REZEK, Richard, A.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

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

(11) **WO 98/50135** (13) A1

(21) PCT/US97/21235

(22) **18 Nov/nov 1997 (18.11.1997)**

(25) en (26) en

(31) 08/852,227 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 53/48, 53/52, 53/14**

(54) ● REGENERATION OF SULFIDE SCAVENGERS
● REGENERATION DE CAPTEURS DE SULFURES

(63) US 08/852,227 (CIP)
6 May/mai 1997 (06.05.1997)

(71) **CRESCENT HOLDINGS LIMITED** [US/US]; P.O. Box 730, Kemah, TX 77565 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHERRY, Doyle** [US/US]; P.O. Box 730, Kemah, TX 77565 (US).

(74) **STREETS, Jeffrey, L.**; Patterson & Streets, L.L.P., Suite 1500, 3040 Post Oak Boulevard, Houston, TX 77056 (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 ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50136** (13) A1

(21) PCT/US98/08118

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

(25) en (26) en

(31) 08/848,809 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01D 67/00, 69/12, 71/36, 71/32, C08J 5/22**

(54) ● SURFACE MODIFIED POROUS MEMBRANE AND PROCESS
● MEMBRANE POREUSE A SURFACE MODIFIEE ET PROCEDE

(71) **MILLIPORE CORPORATION** [US/US]; 80 Ashby Road, Bedford, MA 01730 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOYA, Wilson** [US/US]; 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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)

(11) **WO 98/50137** (13) A1

(21) PCT/US98/09076

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/046,027 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 08/932,577 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01F 5/06, B29C 47/12, B67D 5/56**

(54) ● A MULTI-PORION MIXING ELEMENT
● ELEMENT MELANGEUR A PLUSIEURS PARTIES

(71, 72) **PARISE, Ronald, J.** [US/US]; 101 Wendover Road, Suffield, CT 06078 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50138** (13) A1

(21) PCT/US97/07389

(22) **2 May/mai 1997 (02.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01F 7/20**

(54) ● APPARATUS AND METHOD FOR TRANSPORTING AND AGITATING A SUBSTANCE
● DISPOSITIF ET PROCEDE POUR TRANSPORTER ET AGITER UN PRODUIT

(71) **THE MAITLAND COMPANY** [US/US]; 220 South Harvin Street, Sumter, SC 29151 (US).

(72) **RUMPH, Robert, M.**; 223 Mason Croft Drive, Sumter, SC 29150 (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 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).

(11) **WO 98/50139** (13) A1

(21) PCT/GB97/01223

(22) **2 May/mai 1997 (02.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01F 17/42, C10M 173/00 // (C10M 173/00, 133:06, 145:36, 149:14), C10N 40/22**

(54) ● SURFACTANT MIXTURE
● MELANGE DE TENSIOACTIFS

(71) **THE BURWOOD CORPORATION LIMITED** [GB/GB]; The Glassmill, 1 Battersea Bridge Road, London SW11 3BG (GB).
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(72, 75) **ZARD, Pauline, William** [GB/GB]; 93 Sloane Street, Flat 3, London SW1X 9PD (GB).
BARCLAY-MILLER, David, James [GB/GB]; Fountain House, 17B Sydenham Hill, London SE26 6SH (GB).
MARTIN, David, William [GB/GB]; 24 Lymington Grove, Netherton, Liverpool L30 6YF (GB).

(74) **HARDING, Charles, Thomas** et al. / etc.; 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 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).

(11) **WO 98/50140** (13) A1

(21) PCT/RU97/00143

(22) **8 May/mai 1997 (08.05.1997)**

(25) ru (26) ru

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 2/00, 20/20**

- (54) ● METHOD FOR GRANULATING A CARBON-BASED SORBANT
● PROCEDE DE GRANULATION D'UN SORBANT A BASE DE CARBONE

(71, 72) **KOVALENKO, Boris Mikhailovich** [RU/RU]; ul. Kustanaiskaya, 11-1-128, Moscow, 115682 (RU). **KOZLOV, Sergei Ivanovich** [RU/RU]; ul. Pronskaya, 8/4-125, Moscow, 121165 (RU). **USOSHIN, Vladimir Apollonovich** [RU/RU]; ul. Zagorievskaya, 95-144, Moscow, 115372 (RU).

(74) **KHOROSHKEEV, Vladimir Alexandrovich**; a/ya 18, Moscow, 121248 (RU).

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

(11) **WO 98/50141** (13) A1

(21) PCT/JP98/02025

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 9/118327 (32) **8 May/mai 1997 (08.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 7/00, C06D 5/06**

- (54) ● METHOD OF PREPARATION OF SEALED GAS CHAMBERS
● PROCEDE DE PREPARATION DE CHAMBRES DE GAZ HERMETIQUES

(71) **TECHNOSTAR CO., LTD.** [JP/JP]; Shinwa Building 7Fl., 3-20-8, Nishinakajima, Yodogawa-ku, Osaka-shi, Osaka 532-0011 (JP).
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(72, 75) **KODO, Keiun** [JP/JP]; 508, 9-17, Senbanishi 2-chome, Minou-shi, Osaka-fu 562-0036 (JP). **KODO, Yasumasa** [JP/JP]; 508, 9-17, Senbanishi 2-chome, Minou-shi, Osaka-fu 562-0036 (JP).

(74) **FUKUMURA, Naoki**; 401, Chuo-Dainana Nishi-Shinjuku Building, 18-5, Nishi-Shinjuku 7-chome, Shinjuku-ku, Tokyo 160-0023 (JP).

(81) 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 98/50142** (13) A2

(21) PCT/EP98/02668

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(31) 197 19 481.8 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 8/00**

- (54) ● PROCESS FOR REGULATING A CIRCULATING FLUIDISED BED AND USE OF THE PROCESS

- PROCEDE POUR REGLER UN LIT FLUIDISE EN CIRCULATION ET UTILISATION DU PROCEDE

(71) **METALLGESELLSCHAFT AKTIENGESELLSCHAFT** [DE/DE]; Bockenheimer Landstrasse 73-77, D-60325 Frankfurt am Main (DE). **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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(72, 75) **SCHMIDT, Hans-Werner** [DE/DE]; Haselhorstweg 9, D-60599 Frankfurt am Main (DE). **RAHN, Martin** [DE/DE]; Zehnmorgenstrasse 31, D-60433 Frankfurt am Main (DE). **HEISSWOLF, Horst** [DE/DE]; Urseler Weg 37, D-60437 Frankfurt am Main (DE). **SCHNELL, Marc** [DE/DE]; Goethestrasse 9, D-56584 Meinborn (DE). **ERKES, Bernd** [DE/DE]; Am Baßgarten 16, D-41379 Brüggen (DE).

(74) **HÄRING, Martin**; Metallgesellschaft AG, c/o Lurgi AG, Abteilung Patente, A-VRP, Lurgiallee 5, D-60295 Frankfurt am Main (DE).

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

(11) **WO 98/50143** (13) A1

(21) PCT/AU98/00333

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) PO 6658 (32) **7 May/mai 1997 (07.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 8/44, 8/36, 8/24**

- (54) ● FLUIDISED BED APPARATUS WITH FLUIDISING VELOCITY GRADIENT
● DISPOSITIF A LIT FLUIDISE AVEC GRADIENT DE VITESSE DE FLUIDISATION

(71) **FFE MINERALS AUSTRALIA PTY. LTD.** [AU/AU]; Level 5, 14-16 Victoria Avenue, Perth, W.A. 6000 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOCKING, Garry** [AU/AU]; 11 Como Close, St. Clair, NSW 2759 (AU).

(74) **SPRUSON & FERGUSON**; G.P.O. Box 3898, Sydney, NSW 2001 (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).

(11) **WO 98/50144** (13) A1

(21) PCT/EP98/02519

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

(25) de (26) de

(31) 197 18 740.4 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 13/00**

- (54) ● METHOD FOR GRANULATING AEROGELS
● PROCEDE DE GRANULATION D'AEROGELS

(71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Marc** [DE/DE]; Rauenthaler Weg 33, D-60529 Frankfurt am Main (DE).

(74) **MAI, Peter** et al. / etc.; Luderschmidt, Schüler & Partner, John-F. Kennedy Strasse 4, Postfach 3929, D-65029 Wiesbaden (DE).

(81) CA CN JP KR MX 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 98/50145** (13) A1

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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 13/00**

- (54) ● METHOD FOR COMPACTING AEROGELS
● PROCEDE DE COMPACTAGE D'AEROGELS

(71) **CABOT CORPORATION** [US/US]; 75 State Street, Boston, MA 02109 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHMIDT, Marc** [DE/DE]; Rauenthaler Weg 33, D-60529 Frankfurt (DE).

(74) **MAI, Peter** et al. / etc.; Luderschmidt, Schüler & Partner, John-F.-Kennedy-Strasse 4, D-65189 Wiesbaden (DE).

(81) CA CN JP KR MX 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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(21) PCT/US98/09224

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(31) 08/852,226 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 19/00, 19/24**

- (54) ● METHOD AND APPARATUS FOR CONDUCTING SONOCHEMICAL REACTIONS AND PROCESSES USING HYDRODYNAMIC CAVITATION

- PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER DES REACTIONS ET PROCESSUS SONOCHIMIQUES UTILISANT LA CAVITATION HYDRODYNAMIQUE

(71, 72) **KOZYUK, Oleg Vyacheslavovich** [UA/US]; 14600 Brookpark Road, Cleveland, OH 44135 (US).

(74) **EMERSON, Roger, D.**; Emerson & Associates, 4421 Ranchwood Spur, Akron, OH 44333 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50147** (13) A1

(21) PCT/US98/09488

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,282 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 19/00, B01L 7/00**

(54) ● PELTIER-ASSISTED MICROFABRICATED REACTION CHAMBERS FOR THERMAL CYCLING

● CHAMBRES DE REACTION MICROFABRIQUEES A EFFET PELTIER POUR CYCLAGE THERMIQUE

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

(72) **NORTHROP, M., Allen**; 923 Creston Road, Berkeley, CA 94708 (US). **BEEMAN, Barton, V.**; 1755 Eisenhower Street, San Mateo, CA 94403 (US). **BENETT, William, J.**; 2205 Vintage Lane, Livermore, CA 94550 (US). **HADLEY, Dean, R.**; 449 Cablis Way, Manteca, CA 95337 (US). **LANDRE, Phoebe**; 210 South R. Street, Livermore, CA 94550 (US). **LEHEW, Stacy, L.**; 4981 Rhonda Lane, Livermore, CA 94550 (US). **KRULOVITCH, Peter, A.**; 4319 Railroad Avenue #19, Pleasanton, CA 94566 (US).

(74) **GRZYBICKI, Daryl, S.**; P.O. Box 808, L-703, Livermore, CA 94550 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50148** (13) A1

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(31) 08/853,296 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 20/02, C01B 7/00**

(54) ● ACTIVATED NUTSHELL CARBONS WITH ENHANCED REMOVAL OF POLAR ORGANICS

● CARBONES DE COQUILLE DE NOIX ACTIVES AVEC ELIMINATION AMELIOREE DE COMPOSES ORGANIQUES POLAIRES

(71) **THE UNITED STATES OF AMERICA, as represented by THE SECRETARY OF AGRICULTURE** [US/US]; Washington, DC 20250-1400 (US). **BOARD OF SUPERVISORS OF LOUISIANA STATE UNIVERSITY AND AGRICULTURE & MECHANICAL COLLEGE** [US/US]; LSA Agriculture Center, Assistant Director of Intellectual Property, P.O. Box 25055, Baton Rouge, LA 70894-5055 (US).

(72) **MARSHALL, Wayne, E.**; 1000 Rue Corton, Slidell, LA 70458 (US). **JOHNS, Mitchell, M.**; 4021 Division Street, Metairie, LA 70002 (US). **TOLES, Christopher, A.**; 2100 Sawmill Road #8-210, River Ridge, LA 70123 (US).

(74) **PENDORF, Stephan, A.**; Pendorf & Cutliff, P.O. Box 20445, Tampa, FL 33622-0445 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50149** (13) A1

(21) PCT/JP98/02013

(22) **6 May/mai 1998 (06.05.1998)**

(25) ja (26) ja

(31) 9/116612 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(31) 9/204583 (32) **30 Jul/juil 1997 (30.07.1997)** (33) JP

(31) 9/220309 (32) **15 Aug/août 1997 (15.08.1997)** (33) JP

(31) 9/238932 (32) **20 Aug/août 1997 (20.08.1997)** (33) JP

(31) 10/78874 (32) **26 Mar/mar 1998 (26.03.1998)** (33) JP

(31) 10/78875 (32) **26 Mar/mar 1998 (26.03.1998)** (33) JP

(31) 10/78876 (32) **26 Mar/mar 1998 (26.03.1998)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 20/10**

(54) ● ADHESIVE, PROCESS FOR PREPARING THE SAME, AND METHOD FOR RECOVERING VAPOR OF HYDROCARBON BY UTILIZING CONDENSATION BY COOLING

● ADHESIF, SON PROCEDE DE PREPARATION, ET PROCEDE DE RECUPERATION DE VAPEUR D'HYDROCARBURE EN UTILISANT LA CONDENSATION PAR REFROIDISSEMENT

(71) **COSMO RESEARCH INSTITUTE** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 (JP). **COSMO OIL CO., LTD.** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 (JP). **COSMO ENGINEERING CO., LTD.** [JP/JP]; 20-19, Shimanouchi 1-chome, Chuo-ku, Osaka-shi, Osaka 542-0082 (JP).

(72) **SUZUKI, Takashi**; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **SAKURAI, Norihisa**; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **YOSHIZAWA, Takashi**; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **YOSHINARI, Tomohiro**; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **TOMITA, Masanobu**; Cosmo Engineering Co., Ltd., 5-8, Higashishinagawa 2-chome, Shinagawa-ku, Tokyo 140-0002 (JP). **SOFUNI, Tokuko**; Cosmo Engineering Co., Ltd., 5-8, Higashishinagawa 2-chome, Shinagawa-ku, Tokyo 140-0002 (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 SG.

(11) **WO 98/50150** (13) A1

(21) PCT/US98/03189

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/841,888 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 23/89, 37/02**

(54) ● PROCESS FOR PREPARING CARBOXYLIC ACID SALTS AND CATALYSTS USEFUL IN SUCH PROCESS

● PROCEDE DE PREPARATION DE SELS D'ACIDE CARBOXYLIQUE ET CATALYSEURS DE REALISATION DE CE PROCEDE

(71) **MONSANTO COMPANY** [US/US]; 800 N. Lindbergh Boulevard, St. Louis, MO 63167 (US).

(72) **EBNER, Jerry, R.**; 233 Bentwood Lane, St. Peters, MO 63376 (US). **FRANCZYK, Thaddeus, S.**; 12235 Spring Place Court, Maryland Heights, MO 63043 (US).

(74) **GOODMAN, Kenneth, 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 08/852,458 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 29/06, 37/02**

(54) ● FOUR-WAY DIESEL EXHAUST CATALYST AND METHOD OF USE

● CATALYSEUR QUATRE VOIES POUR EMISSIONS DE MOTEUR DIESEL ET SON PROCEDE D'UTILISATION

(71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(72) **DEEBA, Michel**; 2501 North Oaks Boulevard, North Brunswick, NJ 08902 (US). **LUI, Yiu, Kwan**; 3 Paprota Court, Parlin, NJ 08859 (US). **DETLING, Joseph, C.**; 8 Spicy Pond Road, Howell, NJ 07731 (US).

(74) **MILLER, Stephen, I. et al.** / etc.; Engelhard Corporation, 101 Wood Avenue, P.O. Box 770, Iselin, NJ 08830-0770 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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) 60/046,338 (32) **7 May/mai 1997 (07.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B01J 31/00, 31/06, 31/18, 31/22**
 (54) ● NANOSCALE SOLID SUPERACID CATALYSTS WITH PENDANT FLUOROALKYLSULFONIC ACID OR FLUORO, PERFLUROALKYLSULFONIC ACID GROUPS
 ● CATALYSEURS SUPER ACIDES SOLIDES DE NANO-ECHELLE COMPORTANT DES GROUPES LIBRES D'ACIDE FLUROALKYLSULFONIQUE OU D'ACIDE FLURO, PERFLUROALKYLSULFONIQUE
 (71, 72) **OLAH, George, A.** [US/US]; 2252 Gloaming Way, Beverly Hills, CA 90210 (US). **PRAKASH, G., K., Surya** [US/US]; 1946 Deerpeak Drive, Hacienda Heights, CA 91745 (US).

(74) **FANUCCI, Allan, 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).

(11) **WO 98/50153** (13) A1
 (21) PCT/EP98/02456
 (22) **22 Apr/avr 1998 (22.04.1998)**
 (25) en (26) en
 (31) 08/850,024 (32) **1 May/mai 1997 (01.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01J 31/02, 27/08, C07C 2/60, 2/22, 2/68**

(54) ● *IN-SITU* FORMATION OF IONIC LIQUID CATALYST FOR AN IONIC LIQUID-CATALYZED CHEMICAL REACTION
 ● FORMATION *IN-SITU* DE CATALYSEUR LIQUIDE IONIQUE POUR UNE REACTION CHIMIQUE CATALYSEE LIQUIDE IONIQUE

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).

(72) **STEICHEN, Dale, Stanley**; 2 Birch Crest Drive, Danbury, CT 06811 (US). **SHYU, Lieh-Jiun**; 2765 Evergreen Street, Yorktown Heights, NY 10598 (US).

(74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL-6800 SB Arnhem (NL).

(81) 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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 (31) 08/848,420 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (31) 09/045,873 (32) **23 Mar/mar 1998 (23.03.1998)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01L 3/00, 7/00, G01N 27/00**

(54) ● INTEGRATED MICROCHIP GENETIC TESTING SYSTEM
 ● SYSTEME DE TEST GENETIQUE A MICRO-PUCE INTEGREE

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(72) **FURCHT, Leo, T.**; 2100 West 21st Street, Minneapolis, MN 55405 (US). **MCGLENNEN, Ronald, C.**; 6605 Blackfoot Pass, Edina, MN 55439 (US). **POLLA, Dennis, L.**; 9228 Loch Lomond Court, Brooklyn Park, MN 55443 (US).

(74) **THUENTE, John, F.** et al. / etc.; Patterson & Keough, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2100 (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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 (31) 97/05785 (32) **5 May/mai 1997 (05.05.1997)** (33) FR
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01L 3/02, G01N 1/00**

(54) ● LIQUID TRANSFERRING DEVICE
 ● DISPOSITIF DE TRANSFERT D'UN LIQUIDE

(71) **BIO MERIEUX** [FR/FR]; Chemin de l'Orme, F-69280 Marcy L'Etoile (FR). **JARAVEL, Cécile** [FR/FR]; 101, avenue Lacassagne, F-69003 Lyon (FR).

(72, 75) **COLIN, Bruno** [FR/FR]; 23, chemin des Garennes, F-69280 Marcy L'Etoile (FR). **JARAVEL, Cécile** [FR/FR]; 101, avenue Lacassagne, F-69003 Lyon (FR).

(74) **CABINET GERMAIN & MAUREAU**; Boîte postale 6153, F-69466 Lyon Cedex 06 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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/IT98/00107
 (22) **28 Apr/avr 1998 (28.04.1998)**
 (25) en (26) en
 (31) F197A000103 (32) **2 May/mai 1997 (02.05.1997)** (33) IT
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01L 3/02, G01F 11/02, A61J 1/00**

(54) ● STOPPER-CUM-METERING DEVICE FOR THE SCREW CLOSURE OF BOTTLES FOR LIQUIDS, WITH SYRINGE DEVICE FOR DRAWING UP METERED AMOUNTS
 ● DISPOSITIF DE DOSAGE PROGRESSIF A BUTOIR POUR LE BOUCHON A VIS DE FLACONS DE LIQUIDE COMPORTANT UNE SERINGUE SERVANT A ASPIRER DES DOSES DE LIQUIDE

(71) **PROJECT S.A.S. DI MENICHELLI MASSIMO** [IT/IT]; Via Cavour, 37, I-51100 Pistoia (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAFFEI, Camilla** [IT/IT]; Via del Giglio, 1, I-51100 Pistoia (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50157** (13) A1
 (21) PCT/IT98/00108
 (22) **28 Apr/avr 1998 (28.04.1998)**
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 (31) F197A000101 (32) **2 May/mai 1997 (02.05.1997)** (33) IT
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B01L 3/02, G01F 11/02, A61J 1/00**

(54) ● BOTTLE STOPPER HAVING A DEVICE FOR DRAWING UP METERED AMOUNTS OF THE LIQUID CONTAINED IN SAID BOTTLE
 ● BOUCHON DE FLACON COMPORTANT UN DISPOSITIF SERVANT A ASPIRER DES DOSES DU LIQUIDE CONTENU DANS CE FLACON

(71) **PROJECT S.A.S. DI MENICHELLI MASSIMO** [IT/IT]; Via Cavour, 37, I-51100 Pistoia (IT). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MAFFEI, Camilla** [IT/IT]; Via del Giglio, 1, I-51100 Pistoia (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50158** (13) A1
 (21) PCT/US98/08586
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 (31) 60/046,800 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B01L 9/06, 3/02, G01N 35/02, 35/10**
 (54) ● REACTION RECEPTACLE APPARATUS
 ● APPAREIL DE REACTION COMPRENANT PLUSIEURS RECIPIENTS
 (63) US 60/046,800 (CIP) 2 May/mai 1997 (02.05.1997)
 (71) **GEN-PROBE INCORPORATED** [US/US]; 10210 Genetic Center Drive, San Diego, CA 92121-4362 (US).
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 (71, 72) **HORNER, Glenn, A.** [US/US]; 715 Zamia Court, Boulder, CO 80304 (US). **JOHNSON, Shirley, J.** [US/US]; 1266 Cuchara Drive, Del Mar, CA 92014 (US). **SCHNEIDER, Robert, E.** [US/US]; 145 South Tanner Court, Louisville, CO 80027 (US). **SMITH, Robert, J.** [US/US]; 889 Larkspur Court, Louisville, CO 80027 (US). **TSEO, Gus** [US/US]; 12810 Corbett Court, San Diego, CA 92130 (US).
 (74) **LIPPITT, Raymond, F.** et al. / etc.; Cushman Darby & Cushman, Intellectual Property Group of Pillsbury Madison & Sutro, LLP, 1100 New York Avenue, N.W., Washington, DC 20005 (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 ES FI FI (Utility model / modèle d'utilité) GB GE GH GU 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 CY DE DK ES FI FR 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 98/50159** (13) A1
 (21) PCT/US98/09085
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 60/045,432 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B02C 19/12**
 (54) ● APPARATUS AND METHOD FOR HANDLING MERCURY CONTAINING LAMPS
 ● DISPOSITIF ET PROCEDE POUR LE TRAITEMENT DES LAMPES A VAPEUR DE MERCURE
 (71, 72) **KELLY, Laurence, C.** [US/US]; 2201 W. Crescent Street, Park Ridge, IL 60068 (US).
 (74) **HARBST, John, W.**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50160** (13) A1
 (21) PCT/US98/08964
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 08/850,924 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B02C 19/14, 18/22, 18/14, G07F 7/06**
 (54) ● MULTIPLE CHAMBERED CONTAINER COMPACTION ASSEMBLY WITH DIVERTER
 ● ENSEMBLE COMPACTEUR POUR CONTENANT, A PLUSIEURS COMPARTIMENTS ET ORGANE DE DERIVATION
 (71) **ENVIRONMENTAL PRODUCTS CORPORATION** [US/US]; Suite 700, 4115 Pleasant Valley Road, Chantilly, VA 22021 (US).

- (72) **MILLHISER, John, D.**; 40700 Braddock Road, Aldie, VA 20105 (US). **DAWSON, Donald, E.**; 40463 Charlestown Pike, Hamilton, VA 20158 (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) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50161** (13) A1
 (21) PCT/US98/09352
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/853,536 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **B03C 1/02, B03B 7/00**
 (54) ● METHOD FOR IMPROVING PROPERTIES OF KAOLIN CLAYS
 ● PROCEDE D'AMELIORATION DES PROPRIETES DU KAOLINTON

- (71) **DRY BRANCH KAOLIN COMPANY** [US/US]; Route 1, Box 468D, Dry Branch, GA 31020 (US).

- (72) **BILIMORIA, Bomi, M.**; 113 Carriage Lakes Court, Macon, GA 31210 (US). **WILLIS, Mark, S.**; 5833 Northern Dancer Drive, Macon, GA 31210 (US).

- (74) **NEEDLE, William, H.** et al. / etc.; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).

- (81) AU BR CA CN CZ JP KR MX NO RU UA; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50162** (13) A1
 (21) PCT/SE98/00818
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) sv (26) en
 (31) 9701695-0 (32) **6 May/mai 1997 (06.05.1997)** (33) SE
 (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **B03C 3/155, 3/00 // F24F 3/16**

- (54) ● METHOD AND DEVICE FOR CLEANING OF A GASEOUS FLUID
 ● PROCEDE ET DISPOSITIF D'EPURATION DE FLUIDES GAZEUX
 (71) **BLUE AIR AB** [SE/SE]; Danderydsgatan 11, S-114 26 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WENNERSTRÖM, Johan** [SE/SE]; Ebba Brahes väg 9B, S-192 69 Sollentuna (SE).
 (74) **ERIKSSON, Kjell**; Norrtelje Patentbyrå AB, P.O. Box 38, S-761 21 Norrtälje (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 98/50163** (13) A1
 (21) PCT/US98/09407
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/853,374 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **B04B 5/04**
 (54) ● TUBING SET, APPARATUS, AND METHOD FOR SEPARATION OF FLUID COMPONENTS
 ● PROCEDE, APPAREIL ET ENSEMBLE DE TUBES PERMETTANT DE SEPARER DES COMPOSANTS FLUIDES

- (71) **COBE LABORATORIES, INC.** [US/US]; 1185 Oak Street, Lakewood, CO 80215 (US).

- (72) **HLAVINKA, Dennis**; 7365 N. Salvia Court, Arvada, CO 80007 (US).

- (74) **O'CONNOR, Edna, M.**; 1201 Oak Street, Lakewood, CO 80215 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50164** (13) A1
 (21) PCT/EP98/01964
 (22) **3 Apr/avr 1998 (03.04.1998)**
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 (31) 197 19 069,3 (32) **6 May/mai 1997 (06.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **B04B 9/12**
- (54) ● CENTRIFUGE
● CENTRIFUGEUSE
- (71) **HEINKEL INDUSTRIEZENTRIFUGEN GMBH & CO.** [DE/DE]; Gottlob-Grotz-Strasse 1, D-74321 Bietigheim-Bissingen (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GERTEIS, Hans** [DE/DE]; Ruländerweg 7, D-74321 Bietigheim-Bissingen (DE).
- (74) **WÖSSNER, Gottfried** et al. / etc.; Hoeger, Stellrecht & Partner, Umlandstrasse 14c, D-70182 Stuttgart (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 98/50165** (13) A1
(21) PCT/US97/07443
(22) **1 May/mai 1997 (01.05.1997)**
(25) en (26) en
(43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **B05B 7/06**
- (54) ● SPRAY NOZZLE AND A PROCESS USING THIS NOZZLE
● BUSE DE PULVERISATION ET PROCEDE D'UTILISATION DE LA BUSE
- (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
- (72) **KING, Joseph, Warren**; 279 Lake Terrace Drive, Hendersonville, TN 37075 (US). **MCCUTCHEM, Michael, Shawn**; 105 Taylor Lane, Kennett Square, PA 19348 (US).
- (74) **SULLIVAN, Daniel, W.**; E.I. du Pont de Nemours and Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
- (81) AU CA JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50166** (13) A1
(21) PCT/ES98/00114
(22) **30 Apr/avr 1998 (30.04.1998)**
(25) es (26) es
(31) U 9701241 (32) **7 May/mai 1997 (07.05.1997)** (33) ES
(43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **B05B 7/24, 12/02**
- (54) ● TIME-CONTROLLED ECOLOGICAL ATOMIZER
● ATOMISEUR ECOLOGIQUE TEMPORISE
- (71, 72) **PEREZ MENA, Isabel** [ES/ES]; Huerta del Palacio, 20, E-33719 Villaoril (ES).
- (81) MX 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 98/50167** (13) A1
(21) PCT/US98/09254
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 60/045,764 (32) **6 May/mai 1997 (06.05.1997)** (33) US
(31) 60/055,992 (32) **18 Aug/août 1997 (18.08.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **B05B 15/00**
- (54) ● PRESSURE-COMPENSATING DRIP IRRIGATION HOSE AND METHOD FOR ITS MANUFACTURE
● TUYAU D'IRRIGATION AU GOUTTE-A-GOUTTE A COMPENSATION DE PRESSION ET PROCEDE DE FABRICATION DUDIT TUYAU
- (71) **T-SYSTEMS INTERNATIONAL, INC.** [US/US]; 7545 Carroll Road, San Diego, CA 92121 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **CABAHUG, Jaime** [US/US]; 6936 Blue Lake Court, Lemon Grove, CA 91945 (US). **TRAN, Que** [US/US]; 2981 Baily Avenue, San Diego, CA 92105 (US). **TEEGARDIN, David** [US/US]; 14019 Caminito Almonte, San Diego, CA 92129 (US). **DeFRANK, Michael** [US/US]; 36200 Calle Puerto Bonita, Temecula, CA 92592 (US).
- (74) **OLSTER, Kathleen, M.**; 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 98/50168** (13) A1
(21) PCT/US98/08620
(22) **29 Apr/avr 1998 (29.04.1998)**
(25) en (26) en
(31) 08/850,205 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(31) 08/879,982 (32) **20 Jun/juin 1997 (20.06.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **B05D 3/02, B32B 9/04, C30B 15/00, 21/06**
- (54) ● CORROSION RESISTANT COMPOSITES USEFUL IN CHEMICAL REACTORS
● COMPOSITES RESISTANT A LA CORROSION UTILES DANS DES REACTEURS CHIMIQUES
- (71) **SGL CARBON COMPOSITES, INC.** [US/US]; 1600 W. 135th Street, Gardena, CA 90249-2506 (US).
- (72) **WILSON, Doug**; 757 Barracuda Way, Laguna Beach, CA 92651 (US). **MATHUR, Raj**; 17602 Delong Circle, Huntington Beach, CA 92649 (US). **PRUETT, Gary**; 4155 Elizabeth, Cypress, CA 90630 (US). **METTER, Robert, Howard**; 7821 East Briarwood, Orange, CA 92669 (US).
- (74) **CURATOLO, Joseph, G.**; Renner, Kenner, Greive, Bobak, Taylor & Weber, Suite 280, 24500 Center Ridge Road, Westlake, OH 44145 (US) et al. / etc.
- (81) AU BR 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 98/50169** (13) A1
(21) PCT/US98/09314
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 60/046,134 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **B05D 3/12, B05C 11/04**
- (54) ● METHOD AND APPARATUS FOR COATING PAPER BOARD AND PAPER
● PROCEDE ET APPAREIL DE COUCHAGE DE CARTON ET DE 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) **LEINO, Mika** [FI/FI]; Jenkkapolku 20 B, FIN-04420 Järvenpää (FI). **RENVALL, Stig** [FI/US]; 3030 Rea Road, Charlotte, NC 28226 (US). **KUNI, Stefan** [FI/FI]; Pietolankatu 15, FIN-04400 Järvenpää (FI). **PALOVITA, Petri** [FI/US]; W3175 Cornell Court, Appleton, WI 54915 (US).
- (74) **STUART, Michael, C.**; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 Fifth Avenue, New York, NY 10176 (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 98/50170** (13) A1
(21) PCT/US98/09322
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 60/046,156 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **B05D 3/12, B05C 11/04**
- (54) ● METHOD AND AN APPARATUS FOR COATING PAPERBOARD
● PROCEDE ET APPAREIL DE COUCHAGE DU PAPIER CARTON
- (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) **LEINO, Mika** [FI/FI]; Jenkkapolku 20 B, FIN-04420 Järvenpää (FI). **KUNI, Stefan** [FI/FI]; Peitolankatu 15, FIN-04400 Järvenpää (FI). **LINNONMAA, Jukka** [FI/US]; 9 Century Court, Appleton, WI 54914 (US). **AHLROOS, Jaana** [FI/SE]; Stora Corporate Research, S-791 80 Falun (SE). **NIKULA, Erja** [FI/FI]; Talvikkitie 7 C 28, FIN-01300 Vantaa (FI).
- (74) **STUART, Michael, C.**; Cohen, Pontani, Lieberman & Pavane, Suite 1210, 551 Fifth Avenue, New York, NY 10176 (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).

(11) **WO 98/50171** (13) A1

(21) PCT/EP98/02647

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 297 08 118.7 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(31) 197 41 413.3 (32) **19 Sep/sep 1997 (19.09.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B06B 1/16, 1/14**

(54) ● DEVICE FOR GENERATING DIRECTED VIBRATIONS
● GENERATEUR DE VIBRATIONS ORIENTÉES

(71) **WACKER-WERKE GMBH & CO. KG** [DE/DE]; Preußenstrasse 41, D-80809 München (DE).
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(72, 75) **MAURER, Thomas** [DE/DE]; Grashofstrasse 81, D-80995 München (DE). **KRAMP, Edith** [DE/DE]; Schlothauerstrasse, D-81541 München (DE). **BREITENBACH, Johann** [DE/DE]; Reußstrasse 48, D-80997 München (DE). **BROMBERGER, Thomas** [DE/DE]; Forstweg 5, D-93358 Train (DE). **MARK, Alexander** [DE/DE]; Hauptstrasse 7B, D-85716 Unterschleißheim (DE). **SICK, Georg** [DE/DE]; Zugspitzstrasse 9, D-82340 Feldafing (DE).

(74) **HOFFMANN, Jörg, Peter**; Müller & Hoffmann, Innere Wiener Strasse 17, D-81667 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 98/50172** (13) A1

(21) PCT/RU97/00235

(22) **23 Jul/juil 1997 (23.07.1997)**

(25) ru (26) ru

(31) 97107738 (32) **8 May/mai 1997 (08.05.1997)** (33) RU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B07B 1/00**

(54) ● SEPARATOR FOR GRANULAR MATERIALS
● SEPARATEUR DE MATIERES GRANULAIRES

(71, 72) **ZJULIN, Alexei Nikiforovich** [RU/RU]; ul. Nizhegorodskaya, 88-2-73, Moscow, 109052 (RU).

(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 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 98/50173** (13) A1

(21) PCT/DE98/00897

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

(25) de (26) de

(31) 197 18 805.2 (32) **3 May/mai 1997 (03.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B07C 3/20**

(54) ● MAIL DISTRIBUTION INFORMATION RECOGNITION METHOD AND DEVICE
● PROCEDE ET DISPOSITIF DE RECONNAISSANCE D'INFORMATION DE DISTRIBUTION DE COURRIER

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
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(72, 75) **SUCHENWIRTH-BAUERSACHS, Richard** [DE/DE]; Freiherr-vom-Stern-Strasse 7, D-78315 Radolfzell (DE). **ROSENBAUM, Walter** [DE/FR]; 3, rue Eugene Labiche, F-75116 Paris (FR). **MILETZKI, Udo** [DE/DE]; Ringstrasse 22, D-78465 Konstanz (DE).

(81) CA 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 98/50174** (13) A1

(21) PCT/US98/09619

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,299 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B07C 5/00**

(54) ● METHOD AND APPARATUS FOR SORTING PRODUCT
● PROCEDE ET APPAREIL DE TRIAGE DE PRODUITS

(71) **UNCLE BENS, INC.** [US/US]; 5721 Harvey Wilson Drive, Houston, TX 77251 (US).
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(72, 75) **NOVAK, Thomas, Joseph** [US/US]; 5615 Rocky Brook Drive, Kingwood, TX 77395 (US). **COLOMBOWALA, Kaizar, Hashim** [US/US]; 21414 Park York Drive, Katy, TX 77450 (US). **BRANDT, Robert, Otto, Jr.** [US/US]; 306 South 4th Street, Wilmington, NC 20401 (US). **PEETS, Roy, A.** [US/US]; 429 Martindale Drive, Albany, GA 31702 (US).

(74) **PAUL, Thomas, D.** et al. / etc.; Fulbright & Jaworski L.L.P., Suite 5100, 1301 McKinney, Houston, TX 77010-3095 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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).

(11) **WO 98/50175** (13) A1

(21) PCT/DE98/01242

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

(25) de (26) de

(31) 197 20 159.8 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B08B 7/00, 3/10, B65B 55/08, A61L 2/12**

(54) ● METHOD FOR CLEANING AND/OR STERILIZING SURFACES
● PROCEDE DE NETTOYAGE ET/OU DE STERILISATION DE SURFACES

(71, 72) **KROHMANN, Udo** [DE/DE]; Bischofstrasse 1, D-17033 Neubrandenburg (DE).

(72, 75) **NEUMANN, Bernd** [DE/DE]; Mlada Boleslavstrasse 24, D-17036 Neubrandenburg (DE). **NEUMANN, Torsten** [DE/DE]; Wieselweg 51, D-17036 Neubrandenburg (DE).

(74) **ECKNER, Klaus-Jürgen** et al. / etc.; Dr. Klaus-Jürgen Eckner & Partner GbR, Brückenstrasse 14, D-10179 Berlin (DE).

(81) 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 98/50176** (13) A1

(21) PCT/US98/09395

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/852,805 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B08B 7/00, B65D 83/00**

(54) ● STORAGE AND CLEANING UNIT FOR A TOILET PLUNGER
● UNITE DE NETTOYAGE ET DE STOCKAGE POUR DEBOUCHEUR A VENTOUSE DE TOILETTES

(71, 72) **BORGER, Nancy, G.** [US/US]; 5001 Packer Drive, Wausau, WI 54401 (US). **BORGER, Gary, A.** [US/US]; 5001 Packer Drive, Wausau, WI 54401 (US).

(74) **LISS, Margaret, M.** et al. / etc.; Stroud, Stroud, Willink, Thompson & Howard, Suite 300, 25 West Main Street, P.O. Box 2236, Madison, WI 53701-2236 (US).

(81) AU BR CA JP MX NO 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 98/50177** (13) A1

(21) PCT/US98/09484

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,042 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B09B 3/00, C02F 3/00**

(54) ● IN SITU DENITRIFICATION
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(71) **UNIVERSITY OF NEW MEXICO** [US/US]; Patent Administration Office, Hokona Hall, Room 357, Albuquerque, NM 87131 (US).
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(72, 75) **NUTTALL, Herbert, E.** [US/US]; 1445 Honeysuckle Drive, Northeast, Albuquerque, NM 87122 (US). **LU, Yongming** [CN/US]; 935 Buena Vista, Southeast, Albuquerque, NM 97106 (US).

(74) **MYERS, Jeffrey, D.**; 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50178** (13) A1

(21) PCT/RU97/00142

(22) **7 May/mai 1997 (07.05.1997)**

(25) ru (26) ru

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B09C 1/00 // 101:00**

(54) ● METHOD FOR CLEANING SOILS CONTAMINATED BY PETROLEUM PRODUCTS

● PROCEDE DE NETTOYAGE DE SOLS CONTAMINES PAR DES PRODUITS PETROLIERS

(71, 72) **KOVALENKO, Boris Mikhailovich** [RU/RU]; ul. Kustanaiskaya, 11-1-128, Moscow, 115682 (RU). **KOZLOV, Sergei Ivanovich** [RU/RU]; ul. Pronsakaya, 8/4-125, Moscow, 121165 (RU). **USOSHIN, Vladimir Apollonovich** [RU/RU]; ul. Zagorievskaya, 95-144, Moscow, 115372 (RU).

(74) **KHOROSHKKEEV, Vladimir Alexandrovich**; Patentnoe Bjuro, A/ya 18, Moscow, 121248 (RU).

(81) CA CN IL JP LT NO PL 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).

(11) **WO 98/50179** (13) A1

(21) PCT/EP98/02801

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,896 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B09C 1/06**

(54) ● REMEDIATION METHOD

● PROCEDE DE CORRECTION

(71) **SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V.** [NL/NL]; Carel van Bylandtlaan 30, NL-2596 HR The Hague (NL). (for all designated States except / pour tous les États désignés sauf CA US)

(71) **SHELL CANADA LIMITED** [CA/CA]; 400 - 4th Avenue S.W., Calgary, Alberta T2P 2H5 (CA). (only for / seulement pour CA)

(72, 75) **DE ROUFFIGNAC, Eric** [US/US]; 411 Highland, Houston, TX 77079 (US). **VINEGAR, Harold, J.** [US/US]; 5219 Yarwell, Houston, TX 77096 (US).

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

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(11) **WO 98/50180** (13) A1

(21) PCT/US98/09183

(22) **4 May/mai 1998 (04.05.1998)**

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(31) 60/045,742 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B21B 15/00**

(54) ● HYBRID LAY-UP TOOL

● OUTIL HYBRIDE POUR LE MOULAGE DE STRATIFIES

(71) **THE BOEING COMPANY** [US/US]; P.O. Box 3707, M.S. 13-08, Seattle, WA 98124-2207 (US).

(72) **ENGWALL, Dwight, L.**; 1530 E. 84th Street S., Wichita, KS 67253 (US). **MORROW, Christopher, J.**; 541 S. Crestway, Wichita, KS 67218 (US). **STEEN, Kevin, J.**; 907 Breckenridge Court, Wichita, KS 67207 (US). **JOHNSON, Roger, A.**; 2456 S. Oak, Wichita, KS 67217 (US).

(74) **HAMMAR, John, C.**; The Boeing Company, P.O. Box 3707, M.S. 13-08, Seattle, WA 98124-2207 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50181** (13) A1

(21) PCT/US98/09324

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/852,833 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B22C 1/02**

(54) ● ACTIVATED CARBON FOUNDRY SAND ADDITIVES AND METHOD OF CASTING METAL FOR REDUCED VOC EMISSIONS

● ADDITIFS DE SABLE DE FONDERIE A CHARBON ACTIF ET PROCEDE DE COULAGE DE METAL A EMISSIONS DE COMPOSES ORGANIQUES VOLATILS (VOC) REDUITES

(71) **AMCOL INTERNATIONAL CORPORATION** [US/US]; One North Arlington, 1500 West Shure Drive, Arlington Heights, IL 60004 (US).

(72) **LANDIS, Charles, R.**; 1031 Brittany Bend, Lake in the Hills, IL 60102 (US).

(74) **ANDERSON, Richard, H.**; Marshall, O'Toole, Gerstein, Murray & Borun, Suite 6300, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AU CA ID 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 98/50182** (13) A1

(21) PCT/US98/09317

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/851,948 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B22C 5/18, 19/04**

(54) ● METHOD OF ANALYZING AND/OR TREATING FOUNDRY SANDS FOR REDUCED VOCS

● PROCEDE D'ANALYSE ET/OU DE TRAITEMENT DE SABLES DE FONDERIE PERMETTANT DE REDUIRE LES EMISSIONS EN C.O.V

(71) **AMCOL INTERNATIONAL CORPORATION** [US/US]; One North Arlington, 1500 West Shure Drive, Arlington Heights, IL 60004 (US).

(72) **LANDIS, Charles, R.**; 1031 Brittany Bend, Lake in the Hills, IL 60102 (US).

(74) **ANDERSON, Richard, H.**; Marshall, O'Toole, Gerstein, Murray & Borun, Suite 6300, 233 South Wacker Drive, Chicago, IL 60606 (US).

(81) AU CA ID 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 98/50183** (13) A1

(21) PCT/EP98/02533

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(31) RM97A000257 (32) **2 May/mai 1997 (02.05.1997)** (33) IT

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B22D 11/06**

(54) ● CASTING ROLL

● CYLINDRE DE COULEE

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(72, 75) **HOHENBICHLER, Gerald** [AT/AT]; Severinusstrasse 11/7, A-4470 Enns (AT). **PELLISSETTI, Stefano** [IT/AT]; Griesmayrstrasse 19/7, A-4040 Linz (AT). **SCHERTLER, Armin** [AT/AT]; Neudorferstrasse 30, A-2353 Guntramsdorf (AT). **CAPOTOSTI, Romeo** [IT/IT]; Stada delle Grazie, 10, I-05020 Narni (IT). **TONELLI, Riccardo** [IT/IT]; Via dei Valeri, 8, I-00184 Roma (IT).

(74) **RIEBERER, Stefan**; Stahlstrasse 21a, A-4020 Linz (AT).

(81) AU BR CA CN CZ ID JP KR MX 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 98/50184** (13) A1
 (21) PCT/JP98/01825
 (22) **21 Apr/avr 1998 (21.04.1998)**
 (25) ja (26) ja
 (31) 9/118241 (32) **8 May/mai 1997 (08.05.1997)** (33) JP
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B22D 11/10, 41/54**
 (54) ● NOZZLE FOR CONTINUOUS CASTING OF STEEL
 ● AJUTAGE POUR COULAGE CONTINU D'ACIER
 (71) **SHINAGAWA REFRACTORIES CO., LTD.** [JP/JP]; 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
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NAKAMURA, Ryosuke [JP/JP]; 1165-12, Osafune, Osafune-cho, Oku-gun, Okayama 701-4271 (JP).
LIN, Wei [CN/JP]; 1931, Imbe, Bizen-shi, Okayama 705-0001 (JP).
MORI, Eiichiro [JP/JP]; 1931, Imbe, Bizen-shi, Okayama 705-0001 (JP).
 (74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., Kokusai Building, 8th floor, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).
 (81) AU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50185** (13) A1
 (21) PCT/DE98/01198
 (22) **27 Apr/avr 1998 (27.04.1998)**
 (25) de (26) de
 (31) 197 20 768.5 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B22D 11/20, 11/12, 11/128**
 (54) ● METHOD AND DEVICE FOR PRODUCING SLABS OF STEEL
 ● PROCEDE ET DISPOSITIF DE PRODUCTION DE BRAMES D'ACIER
 (71) **MANNESMANN AG** [DE/DE]; Mannesmannufer 2, D-40213 Düsseldorf (DE).
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 (72, 75) **VON WYL, Horst** [DE/DE]; Kiebitzmühlenstrasse 4, D-47169 Duisburg (DE).
SCHUBERT, Ingo [DE/DE]; Brustertkirchpfad 19, D-47839 Krefeld (DE).
 (74) **MEISSNER, Peter, E.** et al. / etc.; Hohenzollern-damm 89, D-14199 Berlin (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 98/50186** (13) A1
 (21) PCT/DE98/00929
 (22) **2 Apr/avr 1998 (02.04.1998)**

- (25) de (26) de
 (31) 197 18 886.9 (32) **3 May/mai 1997 (03.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B22D 25/02**
 (54) ● METHOD FOR PRODUCING POROUS CAST PARTS
 ● PROCEDE DE FABRICATION DE PIECES MOULEES POREUSES
 (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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 (72, 75) **BIENZLE, Marcus** [DE/DE]; Haldenstrasse 15, D-73760 Ostfildern (DE).
 (81) JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50187** (13) A2
 (21) PCT/IL98/00190
 (22) **23 Apr/avr 1998 (23.04.1998)**
 (25) en (26) en
 (31) 120763 (32) **2 May/mai 1997 (02.05.1997)** (33) IL
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B23B 31/113, 29/04, F16B 1/00**
 (54) ● A CUTTING TOOL ASSEMBLY
 ● ENSEMBLE OUTIL COUPANT
 (71) **ISCAR LTD.** [IL/IL]; P.O. Box 11, 24959 Migdal Tefen (IL).
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 (72, 75) **HECHT, Gil** [IL/IL]; Degania Street 6, 38260 Hadera (IL).
 (74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (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).

- (11) **WO 98/50188** (13) A1
 (21) PCT/IL98/00192
 (22) **23 Apr/avr 1998 (23.04.1998)**
 (25) en (26) en
 (31) 120762 (32) **2 May/mai 1997 (02.05.1997)** (33) IL
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B23C 5/22**
 (54) ● CUTTING TOOL AND INSERT BEARING CARTRIDGE THEREFOR
 ● OUTIL COUPANT ET SA CARTOUCHE PORTANT UNE PIECE RAPPORTEE
 (71) **ISCAR LTD.** [IL/IL]; P.O. Box 11, 24959 Migdal Tefen (IL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SATRAN, Amir** [IL/IL]; Moran Street 6, 24960 Kfar Vradim (IL).
EIZEN, Yaron [IL/IL]; Yarah Street 20, 25147 Kfar Vradim (IL).
 (74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (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).

- (11) **WO 98/50189** (13) A1
 (21) PCT/US98/09162
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 08/854,064 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (31) 08/877,270 (32) **17 Jun/juin 1997 (17.06.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B23K 1/00, 3/00, 35/14, 37/00**
 (54) ● APPARATUS AND METHOD FOR FORMING SOLDER BONDING PADS
 ● APPAREIL ET PROCEDE POUR FORMER DES POINTS DE SOUDURE
 (71, 72) **SHAPIRO, Herbert, M.** [US/US]; 29091 Pompano Way, Laguna Niguel, CA 92677 (US).
 (74) **DREYFUS, Edward**; P.O. Box 5592, Clark, NJ 07066 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50190** (13) A1
 (21) PCT/SE98/00829
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) sv (26) en
 (31) 9701696-8 (32) **5 May/mai 1997 (05.05.1997)** (33) SE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B23K 9/09**
 (54) ● METHOD AND APPARATUS FOR ARC WELDING WITH MELTING ELECTRODE
 ● PROCEDE ET APPAREIL DE SOUDAGE A L'ARC AVEC ELECTRODE FUSIBLE
 (71) **ESAB AB** [SE/SE]; P.O. Box 8004, S-402 77 Göteborg (SE).
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 (72, 75) **ÅBERG, Per** [SE/SE]; Hjortronstigen 2, S-695 30 Laxå (SE).
BENGTSSON, Lars [SE/SE]; von Boijgatan 10 A, S-695 32 Laxå (SE).
 (74) **NILSSON, Kent**; Esab AB, S-695 81 Laxå (SE).

(81) BR CZ CZ (Utility model / modèle d'utilité) JP PL US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50191** (13) A1

(21) PCT/NZ98/00058

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 314750 (32) **6 May/mai 1997 (06.05.1997)** (33) NZ

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B23K 9/133**

(54) ● IMPROVEMENTS IN AND RELATING TO WELDING WIRE FEEDERS

● PERFECTIONNEMENTS CONCERNANT DES DISPOSITIFS D'ALIMENTATION EN FIL DE SOUDAGE

(71, 72) **O'NEILL, David, Royd** [NZ/NZ]; 10a Mardon Road, Hamilton 2001 (NZ).

(74) **SIMS, Anthony, W.** et al. / etc.; 29 Clarence Street, P.O. Box 759, Hamilton 2001 (NZ).

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

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(11) **WO 98/50192** (13) A1

(21) PCT/NZ98/00057

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 314749 (32) **6 May/mai 1997 (06.05.1997)** (33) NZ

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B23K 9/16, 35/38**

(54) ● GAS MIXTURES FOR ARC WELDING AFFECTING WELD CHARACTERISTICS

● MELANGES GAZEUX POUR SOUDAGE A L'ARC AYANT UNE INCIDENCE SUR DES CARACTERISTIQUES DE SOUDAGE

(71, 72) **O'NEILL, David, Royd** [NZ/NZ]; 10a Mardon Road, Hamilton 2001 (NZ).

(74) **SIMS, Anthony, W.** et al. / etc.; 29 Clarence Street, P.O. Box 759, Hamilton 2001 (NZ).

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

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(11) **WO 98/50193** (13) A1

(21) PCT/CA98/00426

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

(25) en (26) en

(31) 08/850,774 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B23K 9/173, 9/32, 9/235**

(54) ● MIG WELDER WIRE CLEANING APPARATUS AND METHOD

● DISPOSITIF ET PROCEDE DE NETTOYAGE POUR FIL ELECTRODE DE SOUDEUSE MIG

(71, 72) **FURMAN, James, Edmund** [CA/CA]; 280 Kosikar Road, Lindell Beach, British Columbia V2R 5B8 (CA).

(74) **WOOD, Brian, J.** et al. / etc.; Fetherstonhaugh & Co., Suite 2200, Vancouver Center, Box 11560, 650 West Georgia Street, 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).

(11) **WO 98/50194** (13) A1

(21) PCT/GB98/01312

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 9709167.2 (32) **6 May/mai 1997 (06.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B23K 20/16**

(54) ● METAL BONDING

● COLLAGE DE METAUX

(71) **CAMBRIDGE UNIVERSITY TECHNICAL SERVICES LIMITED** [GB/GB]; The Old Schools, Trinity Lane, Cambridge CB2 1TS (GB). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SHIRZADI-GHOSHOUNI, Amir, Abbas** [IR/GB]; King's College, Box 710, Cambridge CB2 1ST (GB). **WALLACH, Eric, Robert** [GB/GB]; 12 Spens Avenue, Cambridge CB3 9LS (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).

(11) **WO 98/50195** (13) A1

(21) PCT/JP97/03456

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) en (26) en

(31) 9/130447 (32) **1 May/mai 1997 (01.05.1997)** (33) JP

(31) 9/180664 (32) **19 Jun/juin 1997 (19.06.1997)** (33) JP

(31) 9/180665 (32) **19 Jun/juin 1997 (19.06.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B23K 26/00, G07F 7/00**

(54) ● AUTOMATIC LASER BEAM MACHINING APPARATUS AND PERFORMING AUTOMATIC LASER BEAM MACHINING METHOD

● DISPOSITIF AUTOMATIQUE DE TRAITEMENT PAR FAISCEAU LASER ET PROCEDE ASSOCIE A CE DISPOSITIF

(71) **SNK CORPORATION** [JP/JP]; 18-12, Toyotsu-cho, Suita-shi, Osaka 564 (JP).

(72) **SAITO, Shinya**; Media Robotics Co., Ltd., 2-1-13, Higashiueno, Taito-ku, Tokyo 110 (JP).

KODO, Yoshihiko; SNK Corporation, 18-12, Toyotsu-cho, Suita-shi, Osaka 564 (JP).

HIRAOKA, Kazukuni; SNK Corporation, 18-12, Toyotsu-cho, Suita-shi, Osaka 564 (JP).

MINAMI, Shigeru; SNK Corporation, 18-12, Toyotsu-cho, Suita-shi, Osaka 564 (JP).

HORIGUCHI, Hamao; SNK Corporation, 18-12, Toyotsu-cho, Suita-shi, Osaka 564 (JP).

TSUYU-ZAKI, Shin; 522 Railway Avenue 392, Campbell, CA 95008 (US).

ISHIMOTO, Kouichi; SNK Corporation, 18-12, Toyotsu-cho, Suita-shi, Osaka 564 (JP).

MATSUMOTO, Yoshinori; SNK Corporation, 18-12, Toyotsu-cho, Suita-shi, Osaka 564 (JP).

(74) **HAYASE, Kenichi**; Ana Building, 8F, 17-1, Enokicho, Suita-shi, Osaka 564 (JP).

(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 KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN 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).

(11) **WO 98/50196** (13) A1

(21) PCT/SE98/00838

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 9701710-7 (32) **7 May/mai 1997 (07.05.1997)** (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B23K 26/04**

(54) ● DEVICE FOR DETECTING AND CALCULATING THE FOCUS POINT POSITION, SHAPE AND POWER DISTRIBUTION OF A LASER BEAM

● DISPOSITIF DE DETECTION ET DE CALCUL DE LA POSITION DU POINT FOCAL, DE LA FORME ET DE LA REPARTITION DE PUISSANCE D'UN FAISCEAU LASER

(71) **INSTITUTET FÖR VERKSTADSTEKNISK FORSKNING** [SE/SE]; Argongatan 30, S-431 53 Mölndal (SE).

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(72, 75) **NILSSON, Thomas** [SE/SE]; Fullblodsgatan 4B, S-431 32 Mölndal (SE).

VON BRÖMSEN, Bernt [SE/SE]; Tråkilsgratan 17, S-416 78 Göteborg (SE).

(74) **GÖTEBORGS PATENTBYRÅ**; Sjöporten 4, S-417 64 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).

- (11) **WO 98/50197** (13) A1
(21) PCT/JP98/01919
(22) **24 Apr/avr 1998 (24.04.1998)**
(25) ja (26) ja
(31) 9/115378 (32) **6 May/mai 1997 (06.05.1997)** (33) JP
(31) 9/156484 (32) **13 Jun/juin 1997 (13.06.1997)** (33) JP
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B23K 35/363**
(54) ● FLUX COMPOSITION FOR BRAZING OF ALUMINUM MATERIAL AND METHOD FOR BRAZING OF ALUMINUM MATERIAL
● COMPOSITION DE FONDANT SERVANT AU BRASAGE D'UN MATERIAU D'ALUMINIUM ET PROCEDE DE BRASAGE D'UN MATERIAU D'ALUMINIUM
(71) **SHOWA ALUMINUM CORPORATION** [JP/JP]; 224, Kaizancho 6-cho, Sakai-shi, Osaka 590-8576 (JP). **NIPPON PAINT CO., LTD.** [JP/JP]; 1-2, Ooyodokita 2-chome, Kita-ku, Osaka-shi, Osaka 531-8511 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72) 75) **KOJIMA, Masahiro** [JP/JP]; 619-3, Inuzuka, Oyama-shi, Tochigi 323-0811 (JP). **WATANABE, Futoshi** [JP/JP]; Wakagiryō 211, 2-9-40, Wakagi-cho, Oyama-shi, Tochigi 323-0811 (JP). **TOUNAKA, Atsuhiko** [JP/JP]; 4-17-3, Utsukushigaoka, Aoba-ku, Yokohama-shi, Kanagawa 225-0002 (JP). **YASUHARA, Kiyotada** [JP/JP]; 1-18-706, Matsuba-cho, Kashiwa-shi, Chiba 277-0827 (JP). **NOJIRI, Hiroyuki** [JP/JP]; 2-10-10-302, Tamagawa, Ota-ku, Tokyo 146-0095 (JP). **YAMASOE, Katsuyoshi** [JP/JP]; 2-33-11, Sannou, Sakura-shi, Chiba 285-0807 (JP).
(74) **YOSHIDA, Kenji** et al. / etc.; 34-12, Kichijōji-honcho 1-chome, Musashino-shi, Tokyo 180-0004 (JP).
(81) CZ 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 98/50198** (13) A2
(21) PCT/US98/09538
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 60/046,110 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B24B**
(54) ● APPARATUS AND METHOD FOR CLEANING AND FINISHING
● APPAREIL ET PROCEDE DE NETTOYAGE ET DE FINISSAGE
(71) **MEGUIAR'S, INC.** [US/US]; 17991 Mitchell South, Irvine, CA 92614 (US).
(72) **SEVIGNY, Claude**; 81A Concordia Boulevard W., Laval, Quebec H7N 2H8 (CA). **HORNBY, David, M.**; W248 N7327 Micah Road, Sussex, WI 53029 (US).
(74) **ASHEN, Robert, M.**; 1737 Franklin Canyon Drive, Beverly Hills, CA 90210 (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 98/50199** (13) A1
(21) PCT/US98/07402
(22) **13 Apr/avr 1998 (13.04.1998)**
(25) en (26) en
(31) 08/848,458 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B24B 31/14, 13/00, 9/06**
(54) ● INTRAOCULAR LENS TUMBLING PROCESS USING COATED BEADS
● PROCEDE DE POLISSAGE D'UNE LENTILLE INTRAOCULAIRE UTILISANT DES PERLES ENROBÉES
(71) **CHIRON VISION CORPORATION** [US/US]; 555 West Arrow Highway, Claremont, CA 91711 (US).
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(72) 75) **VALLE, Moises, A.** [US/US]; 12877 Ternberry Court, Tustin Ranch, CA 92782 (US). **YAMADA, Akira** [JP/US]; 261 Ferris Street, Claremont, CA 91711-1812 (US). **KELLAR, Robert** [US/US]; 18852 DeVill Drive, Yorba Linda, CA 92886 (US).
(74) **WISE, Roger, R.** et al. / etc.; Pillsbury Madison & Sutro LLP, Suite 1200, 725 South Figueroa Street, Los Angeles, CA 90017 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50200** (13) A1
(21) PCT/JP98/02014
(22) **6 May/mai 1998 (06.05.1998)**
(25) ja (26) ja
(31) 9/117045 (32) **7 May/mai 1997 (07.05.1997)** (33) JP
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B24B 37/00, H01L 21/304**
(54) ● ABRASIVE AND METHOD FOR POLISHING SEMICONDUCTOR SUBSTRATE
● ABRASIF ET PROCEDE DE POLISSAGE DE SEMI-CONDUCTEURS
(71) **KABUSHIKI KAISHA TOSHIBA** [JP/JP]; 72, Horikawa-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken 210-8572 (JP). **TOKUYAMA CORPORATION** [JP/JP]; 1-1, Mikage-cho, Tokuyama-shi, Yamaguchi-ken 745-8648 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72) 75) **MIYASHITA, Naoto** [JP/JP]; B-404, 2073-2, Iijimacho, Sakae-ku, Yokohama-shi, Kanagawa-ken 244-0842 (JP). **MINAMI, Yoshihiro** [JP/JP]; D308, Kureare-Toshiba-Fuchu, 2-1, Toshibacho, Fuchu-shi, Tokyo 183-0043 (JP). **DOI, Kenji** [JP/JP]; 515, Kureare-Toshiba-Shinyurigaoka, 2491, Ozenji, Asao-ku, Kawasaki-shi, Kanagawa-ken 215-0013 (JP). **TAKAYASU, Jun** [JP/JP]; 3029-2-B206, Nogawa, Miyamae-ku, Kawasaki-shi, Kanagawa-ken 216-0001 (JP). **KOHNO, Hiroyuki** [JP/JP]; 5611-1, Ozatokuyama, Tokuyama-shi, Yamaguchi-ken 745-0882 (JP). **KATO, Hiroshi** [JP/JP]; 1-34-703, Umezonomachi, Tokuyama-shi, Yamaguchi-ken 745-0076 (JP). **HAYASHI, Kazuhiko**
-
- [JP/JP]; 12-2-401, Chiyodacho, Shimmayoshi-shi, Yamaguchi-ken 746-0002 (JP).
(74) **SUZUYE, Takehiko** et al. / etc.; Suzuye & Suzuye, 7-2, Kasumigaseki 3-chome, Chiyoda-ku, Tokyo 100-0013 (JP).
(81) KR US; EP (DE FR GB).
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- (11) **WO 98/50201** (13) A1
(21) PCT/US98/09037
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 60/046,104 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B24D 11/00**
(54) ● MOSAIC POLISHING PADS AND METHODS RELATING THERETO
● TAMPONS A POLIR MOSAIQUES ET PROCEDES AFFERENTS
(71) **RODEL HOLDINGS, INC.** [US/US]; 451 Bellevue Road, Newark, DE 19713 (US).
(72) **ROBERTS, John, V., H.**; 17 West Country Lane, Newark, DE 19702 (US). **COOK, Lee, Melbourne**; 20 Bryson Road, Steelville, PA 19310 (US). **JAMES, David, B.**; 221 Aronimink Drive, Newark, DE 19711 (US). **REINHARDT, Heinz, F.**; 19 McCarthy Road, Chadds Ford, PA 19317 (US).
(74) **BENSON, Kenneth, A.**; Rodel Holdings, Inc., 451 Bellevue Road, Newark, DE 19713 (US).
(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 98/50202** (13) A1
(21) PCT/US98/09176
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 08/852,681 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B25B 13/06, 13/46**
(54) ● COMPOSITE BOX WRENCH WITH REINFORCING AND RETAINING STRUCTURE
● CLE POLYGONALE COMPOSITE POURVUE D'UNE STRUCTURE DE RENFORCEMENT ET DE RETENUE
(71) **SNAP-ON TECHNOLOGIES, INC.** [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).
(71, 72) **EGGERT, Daniel, M.** [-/US]; 8122-63rd Avenue, Kenosha, WI 53142 (US). **DEVECCHIS, Marco, E.** [-/US]; 2321 Gillen Street, Racine, WI 53403 (US). **THOMPSON, Michael, Q.** [-/US]; 12225 West Graves Avenue, Waukegan, IL 60087 (US). **SPRACKLIN, Stacy, T.** [-/US]; 4134-27th Street, Kenosha, WI 53144 (US).
(74) **STOTLAND, Harold, V.**; Suite 3000, 300 South Wacker Drive, Chicago, IL 60606 (US).
(81) AT AU BR CA CN JP KR MX NO; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50203** (13) A1
 (21) PCT/US98/02912
 (22) **25 Feb/fév 1998 (25.02.1998)**
 (25) en (26) en
 (31) 08/852,080 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B25C 1/04**
 (54) ● FASTENER DRIVING DEVICE HAVING INTERCHANGEABLE CONTROL MODULES
 ● DISPOSITIF DU TYPE PISTOLET A CLOUS, AVEC MODULES DE COMMANDE INTERCHANGEABLES
 (71) **STANLEY BOSTITCH, INC.** [US/US]; Briggs Drive, Route 2, East Greenwich, RI 02818 (US).

- (72) **WHITE, Brian, M.**; 152 Burnside Avenue, Riverside, RI 02915 (US).
 (74) **LIPPITT, Raymond, F.** et al. / etc.; Cushman, Darby & Cushman Intellectual Property Group of Pillsbury Madison & Sutro, 1100 New York Avenue, N.W., Washington, DC 20005 (US).
 (81) AU CA JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50204** (13) A1
 (21) PCT/DE98/01233
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) de (26) de
 (31) 197 18 833.8 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B25H 3/04**
 (54) ● HOLDER FOR A POWER-OPERATED SCREWDRIVER AND THE LIKE
 ● SUPPORT POUR VISSEUSE ACTIONNEE PAR ENERGIE EXTERIEURE OU INSTRUMENT SIMILAIRE
 (71) **FIRMA KONSTANZE SAATHOFF** [DE/DE]; Wiesenstrasse 12, D-49205 Hasbergen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SAATHOFF, Konstanze** [DE/DE]; Wiesenstrasse 12, D-49205 Hasbergen (DE).
 (74) **HABEL & HABEL**; Am Kanonengraben 11, D-48151 Münster (DE).
 (81) BR 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 98/50205** (13) A1
 (21) PCT/GB98/01256
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) en (26) en
 (31) 9708813.2 (32) **1 May/mai 1997 (01.05.1997)** (33) GB
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B27B 5/07**
 (54) ● APPARATUS FOR MACHINING VERTICAL PANELS
 ● APPAREIL PERMETTANT D'USINER DES PANNEAUX VERTICAUX

- (71) **BRITANNIA COMMERCE LIMITED** [GB/GB]; Anstey Park House, Anstey Road, Alton, Hampshire GU34 2RL (GB).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **VAN DEN ELIJNDE, Mario** [NL/NL]; Laven-delheide 16, NL-5704 HA Helmond (NL).
 (74) **HUGHES, Brian, P.**; Brian Hughes & Co., Letterbox Cottage, Friezley Lane, Cranbrook, Kent TN17 2LL (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50206** (13) A1
 (21) PCT/SE98/00820
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) sv (26) en
 (31) 9701690-1 (32) **5 May/mai 1997 (05.05.1997)** (33) SE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B27C 5/08, B27L 11/00**
 (54) ● A MACHINE FOR REDUCING ROOTS OF LOGS
 ● MACHINE DESTINEE A COUPER LES RACINES DE RONDINS DE BOIS
 (71) **BRUKS MEKANISKA AB** [SE/SE]; P.O. Box 46, S-820 10 Arbrå (SE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **JOHANSSON, Johan** [SE/SE]; Hålla 481, S-823 30 Kilafors (SE).
 (74) **BJERKÉN, Håkan** et al. / etc.; Bjerkéns Patentbyrå KB, P.O. Box 1274, S-801 37 Gävle (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 98/50207** (13) A1
 (21) PCT/SE98/00810
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) sv (26) en
 (31) 9701691-9 (32) **6 May/mai 1997 (06.05.1997)** (33) SE
 (31) 9703916-8 (32) **28 Oct/oct 1997 (28.10.1997)** (33) SE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B27N 3/02, 3/06, B32B 27/04, 29/00, 21/00, B44C 5/04**

- (54) ● A PROCESS FOR THE MANUFACTURING OF A DECORATIVE LAMINATE, A DECORATIVE LAMINATE OBTAINED BY THE PROCESS AND USE THEREOF
 ● PROCEDE DE PRODUCTION D'UN STRATIFIE DECORATIF, STRATIFIE DECORATIF OBTENU PAR CE PROCEDE ET SON UTILISATION
 (71) **PERSTORP AB** [SE/SE]; S-284 80 Perstorp (SE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **PERSOON, Stefan** [SE/SE]; Ö Förstadsgatan 31, S-212 12 Malmö (SE). **RASMUSOON, Dennis** [SE/SE]; Spårvägen 37, S-284 35 Perstorp (SE). **ANDERSSON, Thord** [SE/SE]; Spelvägen 7, S-284 37 Perstorp (SE). **SJÖSTEDT, Börje** [SE/SE]; Sälgliden 15, S-286 36 Örkeljunga (SE).
 (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 98/50208** (13) A1
 (21) PCT/FI98/00375
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) fi (26) en
 (31) 971899 (32) **2 May/mai 1997 (02.05.1997)** (33) FI
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B27N 7/00, D21J 1/12**
 (54) ● METHOD AND APPARATUS FOR TREATING A BOARD-LIKE MATERIAL WITH A GASEOUS AGENT
 ● PROCEDE ET DISPOSITIF POUR TRAITER UN MATERIAU EN FORME DE PANNEAU AVEC UN AGENT GAZEUX
 (71) **SUNDS DEFIBRATOR PANELHANDLING OY** [FI/FI]; PL 15, FIN-15561 Nastola (FI).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **SIMOLIN, Kari** [FI/FI]; Pohjankatu 17, FIN-15300 Lahti (FI). **TULONEN, Erno** [FI/FI]; Metsäneidontie 16, FIN-17110 Kalliola (FI).
 (74) **OY HEINÄNEN AB**; Annankatu 31-33 C, FIN-00100 Helsinki (FI).
 (81) AT AU BG BR CA CN CZ DE DK EE ES FI GB HU ID JP KP KR LT LV MX NO NZ PL PT RO RU SE SG SI SK TR UA US VN; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50209** (13) A1
 (21) PCT/IB98/00180
 (22) **13 Feb/fév 1998 (13.02.1998)**
 (25) fr (26) fr
 (31) 1067/97 (32) **7 May/mai 1997 (07.05.1997)** (33) CH
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B28D 5/04**

- (54) ● SLICING DEVICE USING YARN FOR CUTTING THIN WAFERS USING THE ANGULAR INTERSECTION OF AT LEAST TWO YARN LAYERS
- DISPOSITIF DE SCIAGE PAR FIL POUR LA DECOUPE DE TRANCHES FINES UTILISANT LE CROISEMENT ANGULAIRE D'AU MOINS DEUX NAPPES DE FILS

(71) **HCT SHAPING SYSTEMS SA** [CH/CH]; 42, rue de Genève, CH-1033 Cheseaux (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSER, Charles** [CH/CH]; Chemin Nuyerrates, CH-1272 Genolier (CH).

(74) **MICHELI & CIE**; 122, rue de Genève, Case postale 61, CH-1226 Thônex (CH).

(81) JP KR 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).

(11) **WO 98/50210** (13) A1

(21) PCT/US98/08923

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,166 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29B 7/56 // B29K 9:00, 23:00**

(54) ● MILL MIXING PROCESS FOR COMPOUNDING GAS-PHASE PRODUCED ELASTOMERS

● PROCEDE DE MELANGE EN LAMINOIR POUR L'ELABORATION EN PHASE GAZEUSE D'ELASTOMERES MELANGES

(71) **UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY CORPORATION** [US/US]; 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

(72) **ITALIAANDER, Erich, Thomas**; Hazelaarlaan 23, NL-4645 Ja (NL).

(74) **WIGGINS, Karen, Johnson**; Union Carbide Chemicals & Plastics Technology Corporation, 39 Old Ridgebury Road, Danbury, CT 06817-0001 (US).

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

(11) **WO 98/50211** (13) A1

(21) PCT/GB98/01268

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

(25) en (26) en

(31) 9709166.4 (32) **6 May/mai 1997 (06.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29B 11/16, 15/10**

(54) ● PREFORMS FOR MOULDING PROCESS AND RESINS THEREFOR

● PREFORMES DESTINEES A UN PROCEDE DE MOULAGE ET RESINES UTILISEES A CETTE FIN

(71) **CYTEC TECHNOLOGY CORP.** [US/US]; 1105 North Market Street, Wilmington, DE 19801 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORTIMER, Stephen** [GB/GB]; 124 Mancot Lane, Mancot, Deeside, Clwyd CH5 2AJ (GB).
COPPOCK, Vincent [GB/GB]; 2 The Hawthorns, Bunbury, Cheshire CW6 95J (GB).

(74) **BOWMAN, Paul, Alan**; 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).

(11) **WO 98/50212** (13) A1

(21) PCT/EP98/02005

(22) **7 Apr/avr 1998 (07.04.1998)**

(25) de (26) de

(31) 197 18 597.5 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29B 15/04, B29C 47/00, 47/50, C08J 3/16**

(54) ● TWO-STEP METHOD FOR DEHYDRATING PLASTIC DISPERSIONS

● PROCEDE A DEUX ETAPES POUR EXTRAIRE L'EAU CONTENUE DANS DES DISPERSIONS DE MATIERES PLASTIQUES

(71) **RÖHM GMBH** [DE/DE]; Kirschenallee, D-64293 Darmstadt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VETTER, Heinz** [DE/DE]; Taunusstrasse 92, D-64380 Roßdorf (DE).
SCHIKOWSKY, Hartmut [DE/DE]; Karlstrasse 1, D-64283 Darmstadt (DE).
HÖSS, Werner [DE/DE]; Hohe Bergstrasse 43, D-63150 Heusenstamm (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).

(11) **WO 98/50213** (13) A1

(21) PCT/US98/09248

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/851,626 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 37/00, 33/46 // A61F 2/06, B29K 105:02**

(54) ● METHOD AND APPARATUS FOR REMOVAL OF BIOPOLYMER CONSTRUCTS FROM SUPPORT STRUCTURES

● PROCEDE ET APPAREIL PERMETTANT DE DETACHER DES CONSTRUCTIONS BIOPOLYMERES DE STRUCTURES DE SUPPORT

(71) **TISSUE ENGINEERING, INC.** [US/US]; Suite 807, 451 D Street, Boston, MA 02210 (US).

(72) **FOFONOFF, Timothy, W.**; 22 Booth Road, Dedham, MA 02026 (US).
BELL, Eugene; 305 Commonwealth Avenue, Boston, MA 02215 (US).

(74) **LAURENTANO, Anthony, A.** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (US).

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

Published / Publiée : (c)

(11) **WO 98/50214** (13) A1

(21) PCT/GB98/01270

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

(25) en (26) en

(31) 9709011.2 (32) **3 May/mai 1997 (03.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 43/36, 33/40, B30B 15/06 // B29K 21:00, 105:10**

(54) ● IMPROVEMENTS IN OR RELATING TO PRESSURE TRANSMITTERS FOR USE IN THE PRODUCTION OF COMPOSITE COMPONENTS

● AMELIORATIONS RELATIVES A DES DISPOSITIFS DE TRANSMISSION DE LA PRESSION DESTINEES A ETRE UTILISEES DANS LA PRODUCTION DE COMPOSANTS COMPOSITES

(71) **ADVANCED COMPOSITES GROUP LTD.** [GB/GB]; Composites House, Adams Close, Heonor Gate Industrial Estate, Derbyshire DE75 7SW (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SLOMAN, Roger, Mark** [GB/GB]; Advanced Composites Group Ltd., Composites House, Adams Close, Heonor Gate Industrial Estate, Derbyshire DE75 7SW (GB).

(74) **CAMPBELL, Iain, Angus**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (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).

(11) **WO 98/50215** (13) A1

(21) PCT/EP98/02669

(22) **6 May/mai 1998 (06.05.1998)**

(25) de (26) de

(31) 197 19 321.8 (32) **8 May/mai 1997 (08.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 44/06, 44/12, 44/44 // B29K 23:00**

(54) ● METHOD FOR PRODUCING A LIGHT-WEIGHT STEERING WHEEL

● PROCEDE DE FABRICATION D'UN VOLANT LEGER

(71) **TRW AUTOMOTIVE SAFETY SYSTEMS GMBH** [DE/DE]; Hefner-Alteneck-Strasse 11, D-63743 Aschaffenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KREUZER, Martin** [DE/DE]; Wendelinusweg 2, D-63839 Kleinwallstadt (DE).

(74) **PRINZ & PARTNER**; Postfach 60 08 63, D-81208 München (DE).

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

Published / Publiée : (c)

(11) **WO 98/50216** (13) A1

(21) PCT/SG98/00032

(22) **2 May/mai 1998 (02.05.1998)**

(25) en (26) en

(31) 9701389-0 (32) **6 May/mai 1997 (06.05.1997)** (33) SG

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 45/02, 45/14, 45/26, H01L 23/28, 21/56**

(54) ● METHOD AND APPARATUS FOR MOLDING PLASTIC PACKAGES

● PROCEDE ET APPAREIL DE MOULAGE DE BOITIER EN PLASTIQUE

(71) **ADVANCED SYSTEMS AUTOMATION LIMITED** [SG/SG]; 65-A Jalan Tenteram #04-08, St. Michael's Industrial Estate, Singapore 328 958 (SG).

(72) **CHEW, Hwee, Seng, Jimmy**; 114-A Arthur Road #17-08, Singapore 439826 (SG). **TAN, Peng, Hui**; Blk. 220 Loyang Avenue #06-04, Singapore 509067 (SG).

(74) **LAWRENCE Y.D. HO & ASSOCIATES**; Thong-sia Building, 30 Bideford Road #07-01, Singapore 229922 (SG).

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

(11) **WO 98/50217** (13) A1

(21) PCT/US98/08622

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

(25) en (26) en

(31) 08/852,724 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 45/16**

(54) ● METHOD OF INJECTION MOLDING AND METHOD OF CREATING INDICIA ON A MOLDED ARTICLE

● PROCEDE DE MOULAGE PAR INJECTION ET PROCEDE DE CREATION DE MOTIFS SUR UN ARTICLE MOULE

(63) US 08/852,724 (CON) 7 May/mai 1997 (07.05.1997)

(71, 72) **RITCHEY, Eugene, B.** [US/US]; 13821 Sable Boulevard, Brighton, CO 80601 (US).

(74) **FIELDS, Gary, D.** et al. / etc.; Fields & Johnson, P.C., Suite 5600, 8480 East Orchard Road, Englewood, CO 80111 (US).

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

(11) **WO 98/50218** (13) A1

(21) PCT/US98/08872

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,387 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 47/06, H05K 1/03, 3/00**

(54) ● EXTRUDED CORE LAMINATES FOR CIRCUIT BOARDS

● STRATIFIES A NOYAU EXTRUDE POUR PLAQUETTES DE CIRCUIT

(71) **ALLIEDSIGNAL, INC.** [US/US]; 101 Columbia Road, Morristown, NJ 07962-4638 (US).

(72) **GEFRI, Fred, J.**; 53 Maint Rascal Road, Hacktstown, NJ 07840 (US). **MARES, Frank**; 32 Valley Forge Drive, Whippany, NJ 07981 (US). **PRATT, Jeffrey, D.**; 18 Alcrest Avenue, Budd Lake, NJ 07828 (US). **OLSON, Larry, D.**; Viroqua, WI 54665 (US).

(74) **SEAY, Nicholas, J.**; Quarles & Brady, P.O. Box 2113, Madison, WI 53701-2113 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50219** (13) A1

(21) PCT/AU98/00314

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) PO 6563 (32) **1 May/mai 1997 (01.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 55/02, A01F 25/13**

(54) ● METHOD AND APPARATUS FOR PRODUCING STRETCH WRAP PLASTIC FILM

● PROCEDE ET APPAREIL DE PRODUCTION DE FILM PLASTIQUE ETIRABLE POUR EMBALLAGE

(71) **FIRST GREEN PARK PTY. LTD.** [AU/AU]; 34-36 Lakeside Avenue, Reservoir, VIC 3073 (AU).

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

(72, 75) **JOHNSTONE, Peter** [AU/AU]; 83-85 Banbury Road, Reservoir, VIC 3073 (AU).

(74) **WATERMARK PATENT & TRADEMARK ATTORNEYS**; 2nd floor, 290 Burwood Road, Hawthorn, VIC 3122 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50220** (13) A1

(21) PCT/GB98/01168

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

(25) en (26) en

(31) 9708785.2 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 61/06 // B27K 3/14**

(54) ● HEAT SHRINKABLE PROTECTIVE SLEEVE

● GAINÉ DE PROTECTION THERMORETRACTABLE

(71) **FENSON & COMPANY LIMITED** [GB/GB]; Frisby House, Church Road, Castlemorton, Worcestershire WR13 6BE (GB).

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

(72, 75) **GEORGE, Richard, Warrington** [GB/GB]; Frisby House, Church Road, Castlemorton, Worcestershire WR13 6BE (GB).

(74) **A.R. DAVIES & CO.**; 27 Imperial Square, Cheltenham GL50 1RQ (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).

(11) **WO 98/50221** (13) A1

(21) PCT/US98/08980

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/046,864 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 09/071,009 (32) **1 May/mai 1998 (01.05.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29C 67/00, B29D 7/00, B32B 3/08, 3/14**

(54) ● ENCAPSULATION OF PRE-EXPANDED ELASTOMERIC FOAM WITH A THERMOPLASTIC

● ENCAPSULAGE DE MOUSSE ELASTOMERE PRE-EXPANSEE PAR UN MATERIAU THERMOPLASTIQUE

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) **PAVER, Stephen, J., Jr.**; 3086 Myddleton Court, Troy, MI 48084 (US).

(74) **MEDER, Martin, G.**; Henkel Corporation, Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

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

Published / Publiée : (c)

(11) **WO 98/50222** (13) A1

(21) PCT/EP98/02495

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

(25) de (26) de

(31) 197 18 739.0 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29D 7/01, B29C 47/88, C08J 5/18**

(54) ● AMORPHOUS PLATE WITH A STRUCTURED SURFACE

● PLAQUE AMORPHE A SURFACE STRUCTUREE

(71) **HOECHST RESEARCH & TECHNOLOGY DEUTSCHLAND GMBH & CO. KG** [DE/DE]; Brüningstrasse 50, D-65929 Frankfurt am Main (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MURCHALL, Ursula** [DE/DE]; Im Bacchuswinkel 11, D-55283 Nierstein (DE). **BRUNOW, Rainer** [DE/DE]; Weingasse 5, D-65817 Eppstein (DE). **KRAUS, Werner** [DE/DE]; Königsberger Strasse 12, D-65527 Niedermhausen (DE).

(81) AU BG BR BY CA CN CZ HU ID IL JP KR MX NO NZ PL RO RU SG SI TR UA US YU; EP (AT BE CH CY DE DK ES FI FR 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)

(11) **WO 98/50223** (13) A1

(21) PCT/GB98/01278

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 97/3805 (32) **2 May/mai 1997 (02.05.1997)** (33) ZA

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B29D 30/06, B66C 1/42, B25J 15/10**

(54) ● TYRE LOADER ASSEMBLY

● ENSEMBLE PERMETTANT LA CHARGE D'UN PNEUMATIQUE

(71) **A & D ENGINEERING AND MANUFACTURING CC, trading as DOUGS ENGINEERING** [ZA/ZA]; 46 Progress Road, Nambithi Industrial Estate, Ladysmith 3370 (ZA).
(for all designated States except / pour tous les États désignés sauf US)

(71) **SKONE JAMES, Robert, Edmund** [GB/GB]; Gill Jennings & Every, Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).
(only for / seulement pour IS)

(72, 75) **CELEGHIN, Roberto, Daniele** [IT/ZA]; 38 Bera Road, Ladysmith 3370 (ZA).

(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).

(11) **WO 98/50224** (13) A1

(21) PCT/US98/08543

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

(25) en (26) en

(31) 08/853,278 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B31B 1/26**

(54) ● DECORATIVE BAG MAKING APPARATUS AND METHOD OF USE

● APPAREIL POUR LA FABRICATION DE SACS DECORES ET SON PROCEDE D'UTILISATION

(71, 72) **ROMER, Nicholas, K.** [US/US]; 1002 E. Mar-kham Court, Bel Air, MD 21014 (US).

(74) **MULLEN, Martin, G.**; Henderson & Sturm, 1213 Midland Bldg., 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).

(11) **WO 98/50225** (13) A1

(21) PCT/ES98/00124

(22) **5 May/mai 1998 (05.05.1998)**

(25) es (26) es

(31) P 9700978 (32) **7 May/mai 1997 (07.05.1997)** (33) ES

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B31B 17/00**

(54) ● ASSEMBLY MACHINE FOR PACKAGES OF ICE CREAMS

● ASSEMBLEUSE D'EMBALLAGES 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) **CARPINERO 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).

(11) **WO 98/50226** (13) A1

(21) PCT/FR98/00906

(22) **6 May/mai 1998 (06.05.1998)**

(25) fr (26) fr

(31) 97/05558 (32) **6 May/mai 1997 (06.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B31B 45/00, B65D 3/22, 3/04**

(54) ● RIGID CORRUGATED CARDBOARD

● CARTON ONDULE RIGIDE

(71) **SMURFIT WORLDWIDE RESEARCH EUROPE** [FR/FR]; 351, cours de la Libération, F-33402 Talence (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HARRIBEY, Michel** [FR/FR]; Route du Stade, F-40430 Sore (FR).

(74) **MULLER, René**; Saint Gobain Recherche, 39, quai Lucien Lefranc, F-93303 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).

(11) **WO 98/50227** (13) A1

(21) PCT/EP98/02623

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 19 004.9 (32) **6 May/mai 1997 (06.05.1997)** (33) DE

(31) 197 19 005.7 (32) **6 May/mai 1997 (06.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B32B 15/08, 27/40, 31/00, F23J 13/02, B65D 90/04**

(54) ● FLAT, COLD DEFORMABLE COMPOSITE MATERIAL

● MATERIAU COMPOSITE PLAT DEFOR-MABLE A FROID

(71) **KRUPP VDM GMBH** [DE/DE]; Plettenberger Strasse 2, D-58791 Werdohl (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ROMMERSKIRCHEN, Iris** [DE/DE]; Hagenstrasse 89, D-58769 Nachrodt (DE). **KIRCHHEINER, Rolf** [DE/DE]; Teichstrasse 70, D-58644 Iserlohn (DE). **BORN, Erwin** [DE/DE]; Am Postmoor 27, D-28719 Bremen (DE). **HENNEMANN, Otto-Dietrich** [DE/DE]; Am Waldberg 8, D-27711 Osterholz-Scharmbeck (DE).

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

Published / Publiée : (c)

(11) **WO 98/50228** (13) A1

(21) PCT/GB98/01113

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 9708989.0 (32) **3 May/mai 1997 (03.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B32B 17/10, C03C 27/12**

(54) ● LAMINATED GLAZINGS

● VITRAGES FEUILLETES

(71) **PILKINGTON PLC** [GB/GB]; Prescott Road, St. Helens, Merseyside WA10 3TT (GB).

(72) **CORKHILL, Philip, Harold**; 23 Copeland Drive, Standish, Wigan WN6 0XR (GB). **GREEN, Malcolm, Francis**; 12 Orchard Hey, Maghull, Liverpool, Merseyside L31 3EU (GB). **WINSTANLEY, Neil**; 2 Windle Grove, Windle, St. Helens WA10 6HL (GB). **HOLMES, Paul, Arthur**; Bankcroft Cottage, Cliff Road, Acton Bridge, Northwich, Cheshire CW8 3QY (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50229** (13) A1

(21) PCT/JP98/01940

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

(25) ja (26) ja

(31) 9/113980 (32) **1 May/mai 1997 (01.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B32B 27/30, B05D 7/24, C09D 127/12, C08F 214/18, G03G 15/20, 15/02, 15/16, 15/14**

(54) ● ADHESIVE COMPOSITE MATERIAL FOR OFFICE AUTOMATION MACHINES
● MATERIAU COMPOSITE ADHESIF POUR MACHINES AUTOMATIQUES DE BUREAU

(71) **DAIKIN INDUSTRIES, LTD.** [JP/JP]; Umeda Center Building, 4-12, Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka 530-8323 (JP).
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(72, 75) **ARAKI, Takayuki** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **TANAKA, Yoshito** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **KUMEGAWA, Masahiro** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **OKA, Noritoshi** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **SANEMASA, Hisato** [JP/JP]; Yodogawa-seisakusho, Daikin Industries, Ltd., 1-1, Nishihitotsuya, Settsu-shi, Osaka 566-8585 (JP). **SHIMIZU, Tetsuo** [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) CN JP KR US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50230** (13) A1

(21) PCT/CA98/00424

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

(25) en (26) en

(31) 60/045,517 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(31) 09/064,662 (32) **23 Apr/avr 1998 (23.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B32B 27/32, C08L 23/08, C09J 123/08, B65D 65/40**

(54) ● ETHYLENE/STYRENE POLYMER SEALANT LAYER FOR USE IN LIQUID PACKAGING
● COUCHE DE SCELLEMENT CONSTITUEE D'UN POLYMERE ETHYLENE-STYRENE POUR LE CONDITIONNEMENT DE LIQUIDES

(71) **DUPONT CANADA INC.** [CA/CA]; 7070 Mississauga Road, Mississauga, Ontario L5N 5M8 (CA).

(72) **SMILLIE, Benjamin, Andrew**; 21 Montgomery Boulevard, Kingston, Ontario K7M 3N7 (CA).

(74) **VAN ZANT, Joan, M.**; Van Zant & Associates, Suite 1407, 77 Bloor Street West, Toronto, Ontario M5S 1M2 (CA).

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

(11) **WO 98/50231** (13) A1

(21) PCT/US98/07837

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

(25) en (26) en

(31) 08/851,205 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41C 1/10**

(54) ● METHOD AND APPARATUS FOR NON-ABLATIVE, HEAT-ACTIVATED LITHOGRAPHIC IMAGING

● PROCEDE ET APPAREIL D'IMAGERIE LITHOGRAPHIQUE PAR TRANSFERT THERMIQUE SANS ABLATION

(71) **PRESSTEK, INC.** [US/US]; 18 Hampshire Drive, Hudson, NH 03051 (US).

(72) **LEWIS, Thomas, E.**; 27 Pilgrim Circle, East Hampstead, NH 03826 (US). **FRANK, Steven, J.**; 779 Salem End Road, Framingham, MA 01702 (US).

(74) **FRANK, Steven, J.** et al. / etc.; Cesari and McKenna, LLP, 30 Rowes Wharf, 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).

(11) **WO 98/50232** (13) A1

(21) PCT/DE98/01211

(22) **2 May/mai 1998 (02.05.1998)**

(25) de (26) de

(31) 197 18 587.8 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41F 9/02**

(54) ● ROTOGRAVURE ROTARY PRESS

● PRESSE DE ROTOGRAVURE

(71) **KOENIG & BAUER AG** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE). **U.E. SEBALD DRUCK UND VERLAG GMBH** [DE/DE]; Äußerer Laufer Platz 22, D-90403 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTMANN, Dieter** [DE/DE]; Äußerer Laufer Platz 12, D-90403 Nürnberg (DE). **DRUMM, Hans-Dieter** [DE/DE]; Höhweg 31, D-66887 Rammelsbach (DE). **HERB, Rudolf** [DE/DE]; Richard-Wagner-Strasse 17, D-67240 Bobenheim-Roxheim (DE). **STRAUBINGER, Werner, Georg, Roman** [DE/DE]; Böcklerstrasse 11, D-90480 Nürnberg (DE).

(74) **KOENIG & BAUER AG**; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).

(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)

(11) **WO 98/50233** (13) A1

(21) PCT/DE98/01212

(22) **2 May/mai 1998 (02.05.1998)**

(25) de (26) de

(31) 197 18 587.8 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41F 9/06**

(54) ● INKING SYSTEM FOR INKING A FORM CYLINDER OF A PRINTING MACHINE BY INTAGLIO ENGRAVING

● DISPOSITIF D'ENCRAGE POUR L'ENCRAGE D'UN CYLINDRE GRAVE D'UNE PRESSE DE ROTOGRAVURE

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE). **U.E. SEBALD DRUCK UND VERLAG GMBH** [DE/DE]; Äußerer Laufer Platz 22, D-90403 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CHRISTMANN, Dieter** [DE/DE]; Äußerer Laufer Platz 12, D-90403 Nürnberg (DE). **DRUMM, Hans-Dieter** [DE/DE]; Höhweg 31, D-66887 Rammelsbach (DE). **HERB, Rudolf** [DE/DE]; Richard-Wagner-Strasse 17, D-67240 Bobenheim-Roxheim (DE). **STRAUBINGER, Werner, Georg, Roman** [DE/DE]; Böcklerstrasse 11, D-90480 Nürnberg (DE).

(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).

(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)

(11) **WO 98/50234** (13) A1

(21) PCT/DE98/01080

(22) **18 Apr/avr 1998 (18.04.1998)**

(25) de (26) de

(31) 197 18 548.7 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41F 13/03, 21/08, B65G 19/02, 39/20**

(54) ● LENGTH-VARIABLE SLIDING RAIL ELEMENT FOR A ROLLER CHAIN

● ELEMENT DE GLISSIERE VARIABLE EN LONGUEUR POUR CHAINE ARTICULEE

(71) **KOENIG & BAUER AG** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUCK, Julius, Adolf, Josef** [DE/DE]; Am Seelein 5, D-97228 Rottendorf (DE). **LEHRIEDER, Erwin, Paul, Josef** [DE/DE]; Rittershäuser Strasse 3, D-97253 Gaukönigshofen (DE).

(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)

(11) **WO 98/50235** (13) A2

(21) PCT/DE98/01209

(22) **2 May/mai 1998 (02.05.1998)**

(25) de (26) de

(31) 197 18 587.8 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41F 13/20, 9/18**

(54) ● BEARING FOR A ROTARY PRESS CYLINDER

● PALIER POUR CYLINDRE DE ROTATIVE

(71) **KOENIG & BAUER AKTIENGESELLSCHAFT** [DE/DE]; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE). **U.E. SEBALD DRUCK UND VERLAG GMBH** [DE/DE]; Äußerer Laufer Platz 22, D-90403 Nürnberg (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **CHRISTMANN, Dieter** [DE/DE]; Äußerer Laufer Platz 12, D-90403 Nürnberg (DE). **DRUMM, Hans-Dieter** [DE/DE]; Höhweg 31, D-66887 Rammelsbach (DE). **HERB, Rudolf** [DE/DE]; Richard-Wagner-Strasse 17, D-67240 Bobenheim-Roxheim (DE). **STRAUBINGER, Werner, Georg, Roman** [DE/DE]; Böcklerstrasse 11, D-90480 Nürnberg (DE).(74) **KOENIG & BAUER AKTIENGESELLSCHAFT**; Friedrich-Koenig-Strasse 4, D-97080 Würzburg (DE).

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

(11) **WO 98/50236** (13) A1

(21) PCT/FR98/00898

(22) **5 May/mai 1998 (05.05.1998)**

(25) fr (26) fr

(31) 97/05543 (32) **6 May/mai 1997 (06.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41J 3/54, G06K 15/10**

(54) ● PRINTER FOR OFFICE EQUIPMENT

● IMPRIMANTE POUR APPAREIL DE BUREAU

(71) **SAGEM S.A.** [FR/FR]; 6, avenue d'Iéna, F-75116 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **NAUCHE, Gilles** [FR/FR]; 53, boulevard Clemenceau, F-92400 Courbevoie (FR). **LEYLDE, Philippe** [FR/FR]; 32, boulevard de l'évasion, F-95800 Cergy le Haut (FR).(74) **BLOCH & ASSOCIES**; 2, square de l'Avenue du Bois, F-75116 Paris (FR).

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

(11) **WO 98/50237** (13) A1

(21) PCT/US98/09641

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/854,259 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41J 5/12**

(54) ● STRESS RELIEVING KEYS

● TOUCHES A CONTRAINTE REDUITE

(71, 72) **BONNSTAUFFER, Bill** [US/US]; 27 Eldridge Avenue, Staten Island, NY 10302 (US).(74) **GIACCIO, Anthony**; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50238** (13) A1

(21) PCT/EP98/02564

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

(25) de (26) de

(31) 197 18 859.1 (32) **3 May/mai 1997 (03.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41M 5/00, 1/30, C08J 7/04, G03G 7/00, H05K 9/00, E06B 5/12**(54) ● CONDUCTIVE PRINTED PLASTIC STRIPS
● BANDES IMPRIMEES CONDUCTRICES EN MATIERE PLASTIQUE(71) **TECHNOPLAST BESCHICHTUNGSELLSCHAFT MBH** [DE/DE]; Unnauer Weg 6, D-50670 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SCHLEUSSNER, Martin** [DE/DE]; Am Scheidweg 60, D-50767 Köln (DE).(74) **MEYERS, Hans-Wilhelm** et al. / etc.; Postfach 10 22 41, D-50462 Köln (DE).

(81) AL AU BA BB BG BR CA CN CU CZ DE 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).

(11) **WO 98/50239** (13) A1

(21) PCT/GB98/01324

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 9709233.2 (32) **7 May/mai 1997 (07.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B41M 5/38, G03B 27/30, B41M 5/00, G03C 11/02, 11/14, G03D 13/00**(54) ● SLIDE MOUNT, SLIDE AND SLIDE PRINTING METHOD AND APPARATUS
● MONTURE DE DIAPOSITIV, DIAPOSITIV, DISPOSITIF ET PROCEDE DE PRODUCTION D'UNE DIAPOSITIV PAR IMPRESSION(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **BURCH, Terence, John** [GB/GB]; 3 Glenhurst Avenue, Ipswich IP4 4RA (GB). **BUTCHER, Peter, Charles, William** [GB/GB]; 30 Thurstable Road, Tollesbury, Essex CM9 8SG (GB). **WHALEY, Gregory, J.** [US/US]; 9132 Trotters Lane, Woodbury, MN 55125 (US). **MAZAR, Scott, Thomas** [US/US]; 6170 Brent Avenue East, Inver Grove Heights, MN 55076-1510 (US).(74) **FRANK B. DEHN & CO.**; 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(11) **WO 98/50240** (13) A1

(21) PCT/CH98/00115

(22) **23 Mar/mar 1998 (23.03.1998)**

(25) de (26) de

(31) 1068/97 (32) **7 May/mai 1997 (07.05.1997)** (33) CH

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B42B 4/02**(54) ● DEVICE FOR LONGITUDINALLY STITCHING MULTIPIECE PRINTED PRODUCTS
● DISPOSITIF D'AGRAFAGE LONGITUDINAL DE PRODUITS IMPRIMES EN PLUSIEURS PARTIES(71) **FERAG AG** [CH/CH]; Zürichstrasse 74, CH-8340 Hinwil (CH).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **MÜLLER, Holger** [DE/DE]; Seegeritz Kapellweg 2A, D-04425 Taucha (DE).(74) **SCHAAD, BALASS, MENZL & PARTNER AG**; Dufourstrasse 101, Postfach, CH-8034 Zürich (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).

(11) **WO 98/50241** (13) A1

(21) PCT/GB98/01322

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 9709263.9 (32) **7 May/mai 1997 (07.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B42D 15/00, 15/10**(54) ● LAMINATE STRUCTURE
● STRUCTURE DE STRATIFIE(71) **API GROUP PLC** [GB/GB]; Silk House, Park Green, Macclesfield, Cheshire SK11 7NU (GB).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **TOMKINS, Donald, William** [GB/GB]; 83 Beacon Road, Loughborough, Leicestershire LE11 2BG (GB). **BLEASDALE, Thomas, Anthony** [GB/GB]; 69 Studfold, Astley Village, Chorley, Lancs PR7 1UA (GB). **FERGUSON, Lynn, Shona, Hardie** [GB/GB]; 14 Woodlands Court, 44 Barnton Park Avenue, Barnton, Edinburgh EH4 6EY (GB).(74) **PAGE WHITE & FARRER**; 54 Doughty Street, London WC1N 2LS (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).

(11) **WO 98/50242** (13) A1

(21) PCT/GB98/01273

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

(25) en (26) en

(31) 9708952.8 (32) **2 May/mai 1997 (02.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60G 5/02, B62D 49/06**

(54) ● A VEHICLE WHEEL MOUNTING ASSEMBLY
● ENSEMBLE DE FIXATION D'UNE ROUE DE VEHICULE

(71, 72) **GARDNER, Joseph** [GB/GB]; Haversham House Farm, Bay Horse, NR Lancaster NA2 9AR (GB).

(74) **HOLMES, Matthew, Peter**; Marks & Clerk, Sussex House, 83-85 Mosley Street, Manchester M2 3LG (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 98/50243** (13) A1

(21) PCT/US98/08604

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

(25) en (26) en

(31) 08/851,108 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60G 5/04, B62D 53/06**

(54) ● INTEGRATED AXLE SUSPENSION ANTI-ROLL ARRANGEMENT FOR PUSH-PULL SUSPENSION
● DISPOSITIF ANTIROULIE INTEGRE POUR SUSPENSION ESSIEU DESTINE A UNE SUSPENSION SYMETRIQUE

(71) **MERITOR HEAVY VEHICLE SUSPENSION SYSTEMS, INC.** [US/US]; 2135 West Maple Road, Troy, MI 48084-7186 (US).

(72) **McKENZIE, Thomas**; 18564 Zuni, Spring Lake, MI 49456 (US). **VanDENBERG, Ervin, K.**; 7130 Lutz Avenue N.W., Massillon, OH 44646 (US).

(74) **SLENZAK, Laura, M.**; 2135 West Maple, Troy, MI 48084 (US) et al. / etc.

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

(11) **WO 98/50244** (13) A1

(21) PCT/EP98/02435

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

(25) de (26) de

(31) 197 18 780.3 (32) **3 May/mai 1997 (03.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60H 1/00**

(54) ● METHOD FOR DETERMINING THE TEMPERATURE INSIDE A MOTOR VEHICLE IN A RELIABLE MANNER
● PROCEDE POUR DETERMINER DE MANIERE FIABLE LA TEMPERATURE INTERIEURE D'UNE AUTOMOBILE

(71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STROBEL, Henry** [DE/DE]; Taunusstrasse 1, D-65843 Sulzbach (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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(22) **1 May/mai 1997 (01.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60K 20/00, B60R 25/06**

(54) ● GEAR LOCK
● DISPOSITIF SERVANT A VERROUILLER UN EMBRAYAGE

(71) **GEAR PROTECTION LTD.** [IL/IL]; Hashikma Street 3, 58001 Azur (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VODA, Binyamin** [IL/IL]; Pitchia Street 21, 66559 Tel Aviv (IL). **DVILENSKY, Vladimir** [IL/IL]; Sokolov Street 77, 62284 Tel Aviv (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).

(11) **WO 98/50246** (13) A1

(21) PCT/US98/08918

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/850,916 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(31) 09/027,509 (32) **20 Feb/fév 1998 (20.02.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60K 31/04**

(54) ● PROGRAMMABLE CRUISE CONTROL WITH PROTECTION AGAINST SURGE, SPIN AND SKID
● REGULATEUR DE VITESSE PROGRAMMABLE A DISPOSITIF ANTI-ACCELERATION BRUSQUE, ANTIPATINAGE ET ANTIDERAPAGE

(71) **VERTIZON CORPORATION** [US/US]; P.O. Box 81, No. Reading, MA 01864 (US).

(72) **NELSON, Avi, N.**; P.O. Box 81, No. Reading, MA 01864 (US). **GOOR, Daniel**; 4143 Sinton Road, G.A.I., Colorado Springs, CO 80907 (US).

(74) **PAUL, Edwin, H.** et al. / etc.; Perkins, Smith & Cohen, LLP, One Beacon Street, Boston, MA 02180 (US).

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

(11) **WO 98/50247** (13) A1

(21) PCT/SE98/00819

(22) **5 May/mai 1998 (05.05.1998)**

(25) sv (26) en

(31) 9701737-0 (32) **6 May/mai 1997 (06.05.1997)** (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60K 41/06**

(54) ● METHOD FOR CONTROL OF ENGINE TORQUE DURING GEAR CHANGING
● PROCEDE DE COMMANDE DU COUPLE MOTEUR PENDANT LE CHANGEMENT DE VITESSE

(71) **SCANIA CV AKTIEBOLAG (publ)** [SE/SE]; S-151 87 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PETTERSSON, Magnus** [SE/SE]; Erikshällsgatan 35, S-151 46 Södertälje (SE). **NIELSEN, Lars** [SE/SE]; Krokogatan 5 A, S-587 31 Linköping (SE).

(74) **WALDEBÄCK, Hans**; Scania CV AB, Patent, S-151 87 Södertälje (SE).

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

(11) **WO 98/50248** (13) A1

(21) PCT/GB98/01288

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 9709074.0 (32) **7 May/mai 1997 (07.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60K 41/14**

(54) ● A TRANSMISSION CONTROL SYSTEM FOR A VEHICLE
● SYSTEME DE COMMANDE DE TRANSMISSION POUR VEHICULE

(71) **ROVER GROUP LIMITED** [GB/GB]; International Headquarters, Warwick Technology Park, Warwick CV34 6RG (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **JACKSON, Neil, David** [GB/GB]; 53 Holt Avenue, Bishops Tachbrook, Leamington Spa, Warwickshire CV33 9RF (GB).
- (74) **BURRAGE, David, John** et al. / etc.; Rover Group Limited, Patent Dept., Gaydon Test Centre, Banbury Road, Lighthorne, Warwick CV35 0RG (GB).
- (81) GB JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50249** (13) A2

(21) PCT/DE98/01224

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 19 452.4 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60N 2/00**

(54) ● DETECTION CIRCUIT AND CORRESPONDING CARRIER

● CIRCUIT DETECTEUR ET SON SUPPORT

(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) **BAUER, Hans-Peter** [DE/DE]; Haaggasse 2, D-93047 Regensburg (DE). **DIRMEYER, Josef** [DE/DE]; Waldstrasse 9, D-92439 Bodenwöhr (DE). **FERSTL, Michael** [DE/DE]; Albertstrasse 12, D-93047 Regensburg (DE). **GRUBER, Robert** [DE/DE]; Erzgebirgsstrasse 5, D-93057 Regensburg (DE).

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

(11) **WO 98/50250** (13) A1

(21) PCT/GB98/01190

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

(25) en (26) en

(31) 9708807.4 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60N 2/18**

(54) ● SEAT ADJUSTMENT MECHANISM

● MECANISME DE REGLAGE D'UN SIEGE

(71) **MAGNA SEATING SYSTEMS LIMITED** [GB/GB]; Desing & Engineering Centre, Regent Street, Sandiacre, Nottingham NG10 5AX (GB).
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(72, 75) **CRAIG, Francis, Edward** [GB/GB]; 2 Grazingfield, Wilford, Nottingham NG11 7FN (GB). **SMITH, Neill** [GB/GB]; 4 Raeburn Drive, Banks Road, Toton, Nottingham NG9 6LF (GB).

(74) **CHARIG, Raymond**; Eric Potter Clarkson, Park View House, 58 The Ropewalk, Nottingham NG1 5DD (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).

(11) **WO 98/50251** (13) A1

(21) PCT/US98/09025

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/854,119 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60N 2/42**

(54) ● ENERGY ABSORBING SUPPORT FOR VEHICULAR PASSENGERS

● SUPPORT AMORTISSEUR POUR OCCUPANTS D'UN VEHICULE

(71, 72) **DELLANNO, Ronald, P.** [US/US]; 40 Fox Run, North Caldwell, NJ 07006 (US).

(74) **KLAUBER, Stefan, J.** 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) 197 21 121.6 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60P 1/64, 1/02**

(54) ● VEHICLE AND DEVICE FOR CONTAINER TRANSPORT

● VEHICULE ET DISPOSITIF POUR LE TRANSPORT DE CONTENEURS

(71) **MASCHINENBAU KIROW LEIPZIG RAIL & PORT AG** [DE/DE]; Spinnererstrasse 13, D-04179 Leipzig (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAID, Robert** [DE/DE]; Friedrich-List-Strasse 1, D-89257 Illertissen (DE). **JOHANNSEN, Peter** [DE/DE]; Ulmer Strasse 4, D-89584 Ehingen (DE). **KÖHLER, Joachim** [DE/DE]; Karpfenweg 3, D-89584 Ehingen (DE).

(74) **EFFERT, BRESSEL UND KOLLEGEN**; Radickestrasse 48, D-12489 Berlin (DE).

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

(11) **WO 98/50253** (13) A1

(21) PCT/ES98/00046

(22) **26 Feb/fév 1998 (26.02.1998)**

(25) es (26) es

(31) U 9701229 (32) **6 May/mai 1997 (06.05.1997)** (33) ES

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60P 3/42, 3/35, B62D 63/06**

(54) ● CONVERTIBLE TRAILER

● REMORQUE CONVERTIBLE

(71, 72) **RIPOLL COTS, Felipe** [ES/ES]; La Nuria, 37-2 B, E-03590 Altea (ES).

(74) **URIZAR ANASAGASTI, Jesús M^a**; P^o de la Castellana 72-1^o, E-28046 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 DE DK ES FI FR 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 98/50254** (13) A1

(21) PCT/US98/08816

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/850,363 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60R 19/20**

(54) ● COLLISION PROTECTION SYSTEM FOR VEHICLES

● SYSTEME ANTICOLLISION POUR VEHICULES

(71, 72) **GABBARD, Charles, H.** [US/US]; 436 Heliotrope, Croona Del Mar, CA 92625 (US).

(74) **STETINA, Kit, M.** et al. / etc.; Stetina Brunda Garred & Brucker, 4th floor, 24221 Calle de la Louisa, Laguna Hills, CA 92653 (US).

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

(11) **WO 98/50255** (13) A2

(21) PCT/DE98/01218

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 19 455.9 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60R 21/00, H05K 5/00, H01R 4/24**

(54) ● SENSOR CIRCUIT, SPECIALLY FOR AN AUTOMOBILES

● CIRCUIT DETECTEUR, NOTAMMENT POUR VEHICULES AUTOMOBILES

(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) **BAHR, Andreas** [DE/DE]; Bocksberger Strasse 6, D-93051 Regensburg (DE). **PLANKL, Christian** [DE/DE]; Droste-Hülshoff-Weg 24, D-93055 Burgweinting (DE). **DIRMEYER, Josef** [DE/DE]; Waldstrasse 9, D-92439 Bodenwöhr (DE). **BAUER, Hans-Peter** [DE/DE]; Haaggasse 2, D-93047 Regensburg (DE). **PROBST, Heinrich** [DE/DE]; Hauptstrasse 22a, D-93105 Tegernheim (DE).

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

(11) **WO 98/50256** (13) A1

(21) PCT/DE98/01220

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 19 454.0 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60R 21/00, G01P 15/00**

(54) ● CIRCUIT FOR CONTROLLING A PASSENGER PROTECTION DEVICE IN AN AUTOMOBILE

● DISPOSITIF POUR COMMANDER UN MOYEN DE PROTECTION DES OCCUPANTS D'UN VEHICULE AUTOMOBILE

(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) **BLANK, Thomas** [DE/DE]; Lassallestrasse 4, D-76187 Karlsruhe (DE). **MADER, Gerhard** [DE/DE]; Ringstrasse 21, D-93107 Thalmassing (DE). **VOGT, Richard** [DE/DE]; Hornigrindstrasse 21, D-77731 Willstaett (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 98/50257** (13) A2

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

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(31) 197 20 149.0 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60R 21/00**

(54) ● AUTOMOBILE AIRBAG SYSTEM

● SYSTEME D'AIRBAG POUR VEHICULES AUTOMOBILES

(71) **PETRI AG** [DE/DE]; Bahnweg 1, D-63743 Aschaffenburg (DE).(72) **ADOMEIT, Heinz-Dieter;** Grolmanstrasse 16, D-10623 Berlin (DE). **OSE, Falk;** Max-Lingner-Strasse 19, D-13189 Berlin (DE).(74) **MAIKOWSKI & NINNEMANN;** Xantener Strasse 10, D-10707 Berlin (DE).

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

(11) **WO 98/50258** (13) A1

(21) PCT/IL98/00107

(22) **4 Mar/mar 1998 (04.03.1998)**

(25) en (26) en

(31) 120755 (32) **1 May/mai 1997 (01.05.1997)** (33) IL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60R 21/32**

(54) ● VEHICLE SENSOR APPARATUS

● CAPTEUR DANS UN VEHICULE

(71) **SENSOTECH LTD.** [IL/IL]; Odem Street 6, 49170 Petach Tikva (IL).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **GAL, Eli** [IL/IL]; Simtat Albert Street 8, 52289 Ramat Gan (IL). **AGAM, Uri** [IL/IL]; Asher Bar Levi Street 3, 49553 Petach Tikva (IL). **BEN-BASSAT, Eli** [IL/IL]; Keren Hayesod 28, 58483 Holon (IL). **JASHEK, Ronen** [IL/IL]; 76838 Yashresh Village Meshek 4 (IL).(74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

(81) AL AM AT 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 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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50259** (13) A1

(21) PCT/FR97/00781

(22) **2 May/mai 1997 (02.05.1997)**

(25) fr (26) fr

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60R 25/06**(54) ● ELECTROMECHANICAL THEFT PROTECTION FOR MOTOR VEHICLES
● ANTIVOL ELECTROMECANIQUE POUR VEHICULES AUTOMOBILES(71, 72) **BROCHARD, Patrick** [FR/FR]; 3, rue de l'Ormaille, Janville sur Juine, F-91510 Lardy (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 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).

(11) **WO 98/50260** (13) A1

(21) PCT/US98/09276

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/852,200 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60S 1/08**(54) ● WIPER MOTOR WITH CURRENT PROTECTION
● MOTEUR D'ESSUIE-GLACE A DETECTION DE COURANT(71) **ITT MANUFACTURING ENTERPRISES, INC.** [US/US]; 1105 North Market Street, Wilmington, DE 19801 (US).(72) **THORTON, Dennis, P.**; 4190 Oak Tree Circle, Rochester, MI 48306 (US).(74) **COPPOLA, Joseph, V., Sr.**; Rader, Fishman & Grauer PLLC, Suite 140, 1533 North Woodward Avenue, Bloomfield, MI 48304 (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 98/50261** (13) A1

(21) PCT/DE98/00858

(22) **24 Mar/mar 1998 (24.03.1998)**

(25) de (26) de

(31) 197 18 490.1 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60S 1/38, 1/40**

(54) ● WIPER BLADE

● BALAI D'ESSUIE-GLACE

(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) **KOTLARSKI, Thomas** [DE/DE]; Hauptstrasse 58a, D-77830 Bühlertal (DE).

(81) BR 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 98/50262** (13) A1

(21) PCT/US98/09320

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/853,555 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60T 8/00**(54) ● ANTISKID BRAKE CONTROL SYSTEM USING KALMAN FILTERING
● SYSTEME DE COMMANDE DE FREIN ANTIDERAPANT A FILTRAGE KALMAN(71) **THE B.F. GOODRICH COMPANY** [US/US]; 4020 Kinross Lakes Parkway, Richfield, OH 44286-9368 (US).(72) **RUDD, Robert, Edward, III;** P.O. Box 101, North Pownal, VT 05260 (US).(74) **RONYAK, David, M.** et al. / etc.; The B.F. Goodrich Company, 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).

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

(11) **WO 98/50263** (13) A1

(21) PCT/US98/08137

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

(25) en (26) en

(31) 60/045,731 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B60T 13/66**

(54) ● AN ELECTRONIC BRAKE MANAGEMENT SYSTEM WITH A SIGNAL MODULATION CONTROLLER AND A BRUSHLESS MOTOR

- SYSTEME ELECTRONIQUE DE GESTION DES FREINS MUNI D'UN CONTROLEUR DE MODULATION DES SIGNAUX ET D'UN MOTEUR SANS BALAIS
- (63) US 60/045,731 (CON) 6 May/mai 1997 (06.05.1997)
- (71) **KELSEY-HAYES CO.** [US/US]; 12000 Tech Center Drive, Livonia, MI 48150 (US). *(for all designated States except / pour tous les États désignés sauf US)*
- (72, 75) **CAMPAU, Gregory, P.** [US/US]; 47881 Thoreau Street, Plymouth, MI 48170 (US). **LUCKE-VICH, Mark, S.** [US/US]; 3400 Pittsview Drive, Ann Arbor, MI 48108 (US). **HORNBACK, Edward, R.** [US/US]; 4890 Wylie Road, Dexter, MI 48130 (US). **COTNER, John, D.** [US/US]; 5692 Dartmouth Court, Ypsilanti, MI 48197 (US). **LOWMAN, Clark, E.** [US/US]; 2128 Georgetown Boulevard, Ann Arbor, MI 48105 (US).
- (74) **ELLIS, William, T.**; Foley & Lardner, Suite 500, 3000 K Street, N.W., Washington, DC 20007-5109 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50264** (13) A1
(21) PCT/US98/08971
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 60/045,562 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B62B 3/08**
(54) ● BASKET AND REAR PANEL FOR SHOPPING CART
● PANIER ET PANNEAU POSTERIEUR DE POUSETTE DE MARCHÉ
- (71) **REHRIG INTERNATIONAL, INC.** [US/US]; 901 North Lombardy Street, Richmond, VA 23220 (US).
- (72) **KERN, Alan, R.**; 10 W. Runswick Drive, Richmond, VA 23233 (US). **JOHNSON, Christopher, M.**; 7332 Hermitage Road, Richmond, VA 23228 (US). **HENRY, Scotlan, R.**; 2619 Roaring Brook Drive, Richmond, VA 23233 (US).
- (74) **KENNEY, J., Ernest** et al. / etc.; Bacon & Thomas, 4th floor, 625 Slaters Lane, 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 98/50265** (13) A1
(21) PCT/GB98/01319
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
- (31) 9709271.2 (32) **7 May/mai 1997 (07.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B62B 11/00**
(54) ● VEHICLE STEERING MECHANISM
● MECANISME DE DIRECTION DE VEHICULE
- (71, 72) **MCCOUAIG, Wendy** [GB/GB]; 42 Child's Crescent, Swanscombe, Kent DA10 0EA (GB).
- (74) **BROOKES & MARTIN**; High Holborn House, 52/54 High Holborn, London WC1V 6SE (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).
- Published / Publiée : (c)
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- (11) **WO 98/50266** (13) A1
(21) PCT/GB98/01302
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 9709067.4 (32) **2 May/mai 1997 (02.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B62D 21/15**
(54) ● IMPACT RESISTANT CHASSIS
● CHASSIS RESISTANT AUX CHOCS
- (71, 72) **RANDLE, James, Neville** [GB/GB]; Downwind House, Rytton Road, Bubbenhall, Coventry CV8 3BH (GB).
- (74) **BAIN SMITH, Timothy** et al. / etc.; Raworth, Moss & Cook, Raworth House, 36 Sydenham Road, Croydon, Surrey CR0 2EF (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 98/50267** (13) A1
(21) PCT/US98/09351
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/853,153 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B62J 1/16**
(54) ● FREE FLOATING SUSPENSION APPARATUS FOR A CHILD'S BICYCLE SEAT
● APPAREIL A SUSPENSION FLOTTANTE LIBRE POUR SELLE DE BICYCLETTE D'ENFANT
- (63) US 08/853,153 (CIP) 8 May/mai 1997 (08.05.1997)
- (71, 72) **ROSS, David, B.** [US/US]; 210 Amory Street, Jamaica Plain, MA 02130 (US).
- (74) **DIENER, Michael, A.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) CA 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 98/50268** (13) A1
(21) PCT/US98/09401
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/851,992 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B62K 19/30**
(54) ● APPARATUS AND METHOD FOR ATTACHING A BICYCLE WHEEL TO A BICYCLE
● APPAREIL ET PROCÉDE POUR FIXER UNE ROUE DE BICYCLETTE A UNE BICYCLETTE
- (71) **ROCKSHOX, INC.** [US/US]; 401 Charcot Avenue, San Jose, CA 95131 (US).
- (72) **POWERS, Ronald**; 140 McLean Place, Santa Cruz, CA 95060 (US). **RINGLE, Geoffrey, F.**; 203 Afton Avenue, Trenton, NJ 08618 (US).
- (74) **HANSEN, David, W.** et al. / etc.; Skadden, Arps, Slate, Meagher & Flom LLP, 919 Third Avenue, New York, NY 10022-3897 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50269** (13) A1
(21) PCT/EP98/02700
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) RM97U000094 (32) **8 May/mai 1997 (08.05.1997)** (33) IT
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B62K 19/36**
(54) ● HEIGHT ADJUSTABLE SADDLE FOR BICYCLES
● SELLE REGLABLE EN HAUTEUR POUR BICYCLETTE
- (71, 72) **LINCRESSO, Giulio** [IT/IT]; Via Scoglio del Tonno, 70/2, I-74100 Taranto (IT).
- (74) **GERVASI, Gemma**; Notarbartolo & Gervasi, Corso di Porta Vittoria, 9, I-20122 Milan (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).
- Published / Publiée : (c)

- (11) **WO 98/50270** (13) A1
 (21) PCT/US97/07573
 (22) **2 May/mai 1997 (02.05.1997)**
 (25) en (26) en
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B63B 1/30, 1/38**
 (54) ● HIGH EFFICIENCY MARINE VEHICLE
 ● VEHICULE MARIN A HAUTE EFFICACITE
- (71, 72) **BURG, Donald, E.** [US/US]; 15840 S.W. 84th Avenue, Miami, FL 33157 (US).
- (74) **VAN DER WALL, Robert**; Suite 4600, 200 S. Biscayne Boulevard, Miami, FL 33131 (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 98/50271** (13) A2
 (21) PCT/RU98/00135
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) ru (26) ru
 (31) 97107388 (32) **5 May/mai 1997 (05.05.1997)** (33) RU
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B64C**
 (54) ● PITCHING-UP METHOD USING THE WING OF AN AIRCRAFT WITH FLAPPING WINGS
 ● PROCEDE PERMETTANT D'EFFECTUER UN VOL CABRE GRACE A L'AILE D'UN AVION A AILES BATTANTES
- (71, 72) **NURMUKHAMETOV, Iskander Rifovich** [RU/RU]; ul. Tatarstan, s. Tsipiya, Boltasinsky r-n, 422043 (RU).
- (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 98/50272** (13) A2
 (21) PCT/EP98/02672
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) de (26) de
 (31) 197 19 239.4 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B65B 25/14, 59/02**
 (54) ● DEVICE FOR AUTOMATIC BUNDLING OF SHEETS
 ● DISPOSITIF POUR LA MISE EN PAQUETS AUTOMATIQUE DE PRODUITS EN FEUILLES
- (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) **FRANK, Ulrich** [DE/DE]; Bürgermeister-Kraus-Strasse 31, D-82223 Eichenau (DE). **STOLL, Rainer** [DE/DE]; Erich-Kästner-Strasse 15, D-80796 München (DE). **LINCK, Ralf** [DE/DE]; Tegernseer Landstrasse 183, D-81539 München (DE). **KRONBAUER, Hermann** [DE/DE]; Marsstrasse 6, D-85609 Aschheim (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 DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50273** (13) A1
 (21) PCT/US98/09134
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 08/853,322 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B65B 43/26**
 (54) ● ROTARY FLAP TUCKER FOR A CARTONNING MACHINE
 ● PLIEUSE ROTATIVE DE RABATS POUR ENCARTONNEUSE
- (71) **RIVERWOOD INTERNATIONAL CORPORATION** [US/US]; Suite 1400, 3350 Cumberland Circle, Atlanta, GA 30339 (US).
- (72) **FORD, Colin, P.**; 510 Old Field Cove, Woodstock, GA 30189 (US).
- (74) **SKINNER, Joel, D., Jr.**; Skinner and Associates, Suite 201, 619 Second Street, Hudson, WI 54016 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50274** (13) A1
 (21) PCT/EP98/02607
 (22) **2 May/mai 1998 (02.05.1998)**
 (25) de (26) de
 (31) 197 19 000.6 (32) **6 May/mai 1997 (06.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B65B 51/02, B05C 5/02, B65B 19/22**
 (54) ● PROCESS AND DEVICE FOR APPLYING GLUE ON BLANKS FOR PACKAGES
 ● PROCEDE ET DISPOSITIF POUR APPLIQUER DE LA COLLE SUR DES PIECES DECOUPEES UTILISEES POUR FORMER DES EMBALLAGES
- (71) **FOCKE & CO. (GMBH & CO.)** [DE/DE]; Siemensstrasse 10, D-27283 Verden (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FOCKE, Heinz** [DE/DE]; Moorstrasse 64, D-27283 Verden (DE). **KÄFKER, Thomas** [DE/DE]; Paschkebergstrasse 24, D-27299 Langwedel (DE). **STILLER, Martin** [DE/DE]; Döhlinger Strasse 35, D-27283 Verden (DE).
- (74) **BOLTE, Erich**; Meissner, Bolte & Partner, Hollerallee 73, D-28209 Bremen (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 ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50275** (13) A1
 (21) PCT/AU98/00327
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) PO 6663 (32) **7 May/mai 1997 (07.05.1997)** (33) AU
 (31) PP 2395 (32) **17 Mar/mar 1998 (17.03.1998)** (33) AU
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B65D 5/20, 5/36, G09F 1/06**
 (54) ● INTERACTIVE CARD AND CONTAINER
 ● CARTON ET BOITE INTERACTIFS
- (71, 72) **BARNES, Kevin, Ashley** [AU/AU]; 27 Hoptoun Street, Camperdown, NSW 2050 (AU).
- (74) **COWLE, Anthony, J.** et al. / etc.; 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 98/50276** (13) A1
 (21) PCT/ES98/00117
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) es (26) es
 (31) U 9701201 (32) **5 May/mai 1997 (05.05.1997)** (33) ES
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B65D 30/00, 33/00 // B65F 1/00**
 (54) ● BAG DISPENSER ASSEMBLY
 ● ENSEMBLE DISTRIBUTEUR DE SACS
- (71, 72) **FERNANDEZ MARTINEZ, José Ignacio** [ES/ES]; Pérez Medina, 27 - 4^o derecha, E-03007 Alicante (ES).
- (74) **DE ARPE FERNANDEZ, Manuel**; Guzman El Bueno, 133, E-28003 Madrid (ES).

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

(11) **WO 98/50277** (13) A1

(21) PCT/FR98/00877

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

(25) fr (26) fr

(31) 97/05495 (32) **5 May/mai 1997 (05.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 33/14**

(54) ● BAG SUSPENDING DEVICE

● DISPOSITIF DE SUSPENSION DE SACHET

(71) **FLEXICO-FRANCE** [FR/FR]; F-60119 Henonville (FR).

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

(72) **75 BOIS, Henri, Georges** [FR/FR]; 61, boulevard Inkerman, F-92200 Neuilly-sur-Seine (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 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 98/50278** (13) A1

(21) PCT/US98/09217

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/853,428 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 33/14, 33/20, B65F 1/00**

(54) ● FLEXIBLE BAG WITH SELECTIVELY-ACTIVATABLE SUPPORT-ENGAGEMENT FEATURE

● SAC SOUPLE AVEC STRUCTURE DE FIXATION SUR UN SUPPORT A ACTIVATION SELECTIVE

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

(72) **HAMILTON, Peter, Worthington**; 1107 Devils Backbone Road, Cincinnati, OH 45233 (US). **OTTEN, Geneva, Gail**; 9107 Brehm Road, Cincinnati, OH 45252 (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 98/50279** (13) A2

(21) PCT/US98/09216

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/853,773 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 08/854,246 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 08/854,247 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 33/16, 77/20**

(54) ● FLEXIBLE, COLLAPSIBLE, SELF-SUPPORTING STORAGE BAGS AND CONTAINERS

● SACS ET RECIPIENTS DE CONSERVATION AUTOPORTEURS, COMPRESSIBLES ET SOUPLES

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

(72) **RANDALL, Catherine, Jean**; 3105 York Lane, Cincinnati, OH 45215 (US). **MEYER, Eric, Walter**; 27 Worthington Avenue, Wyoming, OH 45215 (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).

(11) **WO 98/50280** (13) A1

(21) PCT/US98/09219

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/853,003 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 33/20, 33/01**

(54) ● FLEXIBLE STORAGE BAG WITH SELECTIVELY-ACTIVATABLE CLOSURE

● SAC SOUPLE DE CONSERVATION A FERMETURE A ACTIVATION SELECTIVE

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

(72) **HAMILTON, Peter, Worthington**; 1107 Devils Backbone Road, Cincinnati, OH 45233 (US). **MCGUIRE, Kenneth, Stephen**; 15 Linden Drive, Wyoming, OH 45215 (US). **TWEDDELL, Richard, III**; 2 Burton Woods Lane, Cincinnati, OH 45229 (US). **GARTH, Shirley, Florence**; 3584 McHenry Avenue, Cincinnati, OH 45225 (US). **ONEY, Jack, Lee, Jr.**; 518 West Church Street, Mason, OH 45040 (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 98/50281** (13) A1

(21) PCT/US98/07923

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/850,696 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 43/22, 45/16**

(54) ● BATTERY COVER LATCH

● FERMETURE DE COUVERCLE DE COMPARTIMENT A BATTERIES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **GOLDENBERG, Michael, P.**; 1215 Crestwood Drive, Delray Beach, FL 33483 (US).

(74) **NICHOLS, Daniel, K.** et al. / etc.; Motorola Inc., Intellectual Property Dept./RLB, 1500 Gateway Boulevard, MS96, Boynton Beach, FL 33426-8292 (US).

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

(11) **WO 98/50282** (13) A1

(21) PCT/FI98/00381

(22) **5 May/mai 1998 (05.05.1998)**

(25) fi (26) en

(31) U970236 (32) **6 May/mai 1997 (06.05.1997)** (33) FI

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 45/16**

(54) ● LIQUID CARTON CLOSER

● DISPOSITIF DE FERMETURE POUR CARTON A LIQUIDES

(71, 72) **HYVÄRINEN, Jussi, K., J.** [FI/FI]; Kelohongantie 11 A 1, FIN-02120 Espoo (FI).

(81) AU BR CA CN CZ EE HU IL JP KR LT LV MX NZ PL SG TR 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).

(11) **WO 98/50283** (13) A1

(21) PCT/US98/08171

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

(25) en (26) en

(31) 60/045,263 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(31) 08/947,343 (32) **8 Oct/oct 1997 (08.10.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 50/04, 41/34**

- (54) ● SQUEEZE AND TURN CHILD RESISTANT CLOSURE WITH TAMPER INDICATING BAND
- FERMETURE DE SECURITE POUR ENFANTS DE TYPE "PRESSER ET TOURNER" MUNIE D'UN ANNEAU INDICATEUR D'EFFRACTION

(71) **REXAM PLASTICS, INC.** [US/US]; 3245 Kansas Road, Evansville, IN 47711 (US).

(72) **MONTGOMERY, Gary, V.**; 2215 Diefenbach Road, Evansville, IN 47720 (US). **RUDDOLPH, Elizabeth**; 831 E. Boonville, New Harmony Road, Evansville, IN 47711 (US). **BRANSON, Mark, K.**; 47711-E Scenic Drive, Newburgh, IN 47630 (US). **MINNETTE, Jeffrey, C.**; 12518 Oak Gate Road, Evansville, IN 47711 (US). **LUKER, C., Ed.**; 8038 Newbury Road, Evansville, IN 47711 (US).

(74) **SALAZAR, John, F.**; Middleton & Reutlinger, 2500 Brown & Williamson Tower, Louisville, KY 40202 (US).

(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).

(11) **WO 98/50284** (13) A1

(21) PCT/US98/07869

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 9708950.2 (32) **2 May/mai 1997 (02.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 71/00**

- (54) ● ARTICLE CARRIER WITH INTEGRAL KEEL AND LOCKING STRUCTURE
- PORTE-ARTICLE A STRUCTURE DE COHERENCE ET DE BLOCAGE INTEGREE

(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) **FREIN, Ulrich** [DE/DE]; Am Reichelbach 28, D-54343 Fohren (DE).

(74) **DREW, Michael, V.** 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).

(11) **WO 98/50285** (13) A1

(21) PCT/US98/09500

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,025 (32) **9 May/mai 1997 (09.05.1997)** (33) US(31) 60/061,258 (32) **3 Oct/oct 1997 (03.10.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 77/04, 5/42**

- (54) ● PACKAGING AND METHOD FOR TRANSPORTING OXYGEN GENERATORS
- CONDITIONNEMENT ET PROCÉDE PERMETTANT DE TRANSPORTER DES GÉNÉRATEURS D'OXYGÈNE

(71) **FIGGIE INTERNATIONAL INC.** [US/US]; Suite 250, 5875 Landerbrook Drive, Mayfield Heights, OH 44124 (US).

(72) **BAPST, Frederick, H.**; 117 Randell Terrace, Hamburg, NY 14075 (US).

(74) **PRINCIPE, David, L.** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, 1800 One M & T Plaza, Buffalo, NY 14203-2391 (US).

(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 98/50286** (13) A1

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(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/850,999 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 81/28**

(54) ● PORTABLE HUMIDOR

● HUMIDIFICATEUR PORTABLE

(71, 72) **HOLMES, Jeremy, S.** [US/US]; 16 High Hill Road, Canton, CT 06019 (US). **TRAHAN, Marc, W.** [US/US]; 21 Robbinswood Drive, Wethersfield, CT 06109 (US). **DISCH, Peter, V.** [US/US]; 210 Wightman Avenue, Norwich, CT 06360 (US).

(74) **MICHAUD, Richard, R.** et al. / etc.; McCormick, Paulding & Huber LLP, Cityplace II, 185 Asylum Street, Hartford, CT 06103-4102 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50287** (13) A1

(21) PCT/EP98/02477

(22) **25 Apr/avr 1998 (25.04.1998)**

(25) de (26) de

(31) 197 18 821.4 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 85/10**

(54) ● CIGARETTE BOX WITH A HINGED LID

● PAQUET A COUVERCLE A CHARNIERE POUR CIGARETTES

(71) **FOCKE & CO. (GMBH & CO.)** [DE/DE]; Siemensstrasse 10, D-27283 Verden (DE). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **FOCKE, Heinz** [DE/DE]; Moorstrasse 64, D-27283 Verden (DE). **BUSE, Henry** [DE/DE]; Dreessel Nr. 8, D-27374 Visselhövede (DE).

(74) **BOLTE, Erich**; Meissner, Bolte & Partner, Hollelallee 73, D-28209 Bremen (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 ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50288** (13) A1

(21) PCT/GB98/01283

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 9709020.3 (32) **3 May/mai 1997 (03.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 85/10**

(54) ● PACK FOR SMOKING ARTICLES

● EMBALLAGE POUR ARTICLES A FUMER

(71) **IMPERIAL TOBACCO LIMITED** [GB/GB]; Upton Road, P.O. Box 244, Bristol BS99 7UJ (GB). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **JAMES, Anthony, George** [GB/GB]; 10 Beechcroft, Dundry, Bristol BS18 8LE (GB). **LUTON, Colin, Dennis** [GB/GB]; 6 Heath Ridge, Long Ashton, Bristol BS18 9EW (GB). **TAYLOR, Rodney, George** [GB/GB]; The Coach House, Charnwood Rise, Woodhouse Eaves, Leicestershire LE12 8QT (GB).

(74) **MARLES, Alan, David**; Stevens, Hewlett & Perkins, 1 St. Augustines Place, Bristol BS1 4UD (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).

(11) **WO 98/50289** (13) A1

(21) PCT/US98/09496

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,652 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **B65D 85/58**

(54) ● IMPROVED PACKAGING FOR GOLF BALLS

● CONDITIONNEMENT AMELIORE POUR BALLE DE GOLF

- (71) **TAYLOR MADE GOLF COMPANY, INC.** [US/US]; 5545 Fermi Court, Carlsbad, CA 92008 (US).
- (72) **SNELL, Dean**; 408 Lupine Way, Oceanside, CA 92057 (US).
- (74) **ANDERSON, Lowell**; Knobbe, Martens, Olson & Bear, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660-8016 (US).
- (81) GB JP.

- (11) **WO 98/50290** (13) A1
(21) PCT/SE98/00797
(22) **29 Apr/avr 1998 (29.04.1998)**
(25) sv (26) en
(31) 9701658-8 (32) **2 May/mai 1997 (02.05.1997)** (33) SE
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B65D 90/24, F16L 55/168**
(54) ● APPARATUS FOR SPILL COLLECTION
● APPAREIL DE COLLECTE DE DEVERSEMENTS ACCIDENTELS
(71) **KEMIRA KEMI AB** [SE/SE]; P.O. Box 902, S-251 09 Helsingborg (SE).
(72) **PÅLSSON, Lars**; Bärnstensgatan 41 A, S-253 61 Helsingborg (SE). **KARLSSON, Per**; Fyrverkaregatan 2, S-254 61 Helsingborg (SE).
(74) **AWAPATENT AB**; P.O. Box 5117, S-200 71 Malmö (SE).
(81) NO PL; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50291** (13) A1
(21) PCT/ES98/00118
(22) **4 May/mai 1998 (04.05.1998)**
(25) es (26) es
(31) U 9701202 (32) **5 May/mai 1997 (05.05.1997)** (33) ES
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B65F 1/00**
(54) ● REFUSE SORTER CONTAINER
● CONTENEUR TRIEUR D'ORDURES
(71, 72) **FERNANDEZ MARTINEZ, José Ignacio** [ES/ES]; Calle Pérez Medina, 27 - 4ª derecha, E-03007 Alicante (ES).
(74) **DE ARPE FERNANDEZ, Manuel**; Guzman El Bueno, 133, E-28003 Madrid (ES).
(81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50292** (13) A1
(21) PCT/ES98/00119
(22) **4 May/mai 1998 (04.05.1998)**
(25) es (26) es
(31) U 9701203 (32) **5 May/mai 1997 (05.05.1997)** (33) ES
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B65F 1/06**

- (54) ● SELF CARRYING FOLDABLE CONTAINER
● CONTENEUR PLIABLE AUTOPORTANT
(71, 72) **FERNANDEZ MARTINEZ, José, Ignacio** [ES/ES]; Pérez Medina, 27-4ª derecha, E-03007 Alicante (ES).
(74) **DE ARPE FERNANDEZ, Manuel**; Guzman El Bueno, 133, E-28003 Madrid (ES).
(81) ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50293** (13) A1
(21) PCT/NL98/00181
(22) **1 Apr/avr 1998 (01.04.1998)**
(25) en (26) en
(31) 1005959 (32) **2 May/mai 1997 (02.05.1997)** (33) NL
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B65F 1/14, 3/02, 1/12, 1/16**
(54) ● REFUSE HOLDER WHICH IS SUITABLE TO BE PLACED IN A PIT
● RECEPTABLE A ORDURES CONÇU POUR ETRE PLACE DANS UNE FOSSE
(71) **GEESINK GROUP B.V.** [NL/NL]; Betonweg 8, NL-8305 AG Emmeloord (NL).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **VERMEER, Willem** [NL/NL]; Vinkekampweg 19, NL-3774 BK Kootwijkerbroek (NL).
(74) **VAN DER AREND, A., G., A.**; Van Exter Polak & Charlois 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).

- (11) **WO 98/50294** (13) A1
(21) PCT/US98/09307
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/854,083 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B65F 3/00**
(54) ● A PACKING SYSTEM FOR A RESIDENTIAL REFUSE COLLECTION VEHICLE
● SYSTEME DE COMPACTAGE POUR CAMIONS A ORDURES DE ZONES RESIDENTIELLES
(71, 72) **SHIRVANIAN, Kosti** [US/US]; 22101 Alessandro Boulevard, Moreno Valley, CA 92553-8215 (US).
(72) **GODOY, Armando**; 22101 Alessandro Boulevard, Moreno Valley, CA 92553-8215 (US).
(74) **MYERS, Richard, L.**; Suite 210, 100 Pacifica, Irvine, CA 92618 (US).
(81) AU CA JP MX NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (71) **WO 98/50295** (13) A1
(21) PCT/US98/09308
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/853,438 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(31) 08/858,381 (32) **19 May/mai 1997 (19.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B65F 3/04**
(54) ● REFUSE COLLECTION VEHICLE
● CAMION A ORDURES
(71, 72) **SHIRVANIAN, Kosti** [US/US]; 22101 Alessandro Boulevard, Moreno Valley, CA 92553-8215 (US).
(72) **GODOY, Armando**; 22101 Alessandro Boulevard, Moreno Valley, CA 92553-8215 (US).
(74) **MYERS, Richard, L.**; Suite 210, 100 Pacifica, Irvine, CA 92618 (US).
(81) AU CA JP MX NZ; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50296** (13) A1
(21) PCT/JP97/03677
(22) **14 Oct/oct 1997 (14.10.1997)**
(25) ja (26) ja
(31) 9/128127 (32) **1 May/mai 1997 (01.05.1997)** (33) JP
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **B65G 47/14, 11/10**
(54) ● ALIGNMENT DEVICE
● DISPOSITIF D'ALIGNEMENT
(71) **YANMAR AGRICULTURAL EQUIPMENT CO., LTD.** [JP/JP]; 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530 (JP).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **YAMADA, Hisaya** [JP/JP]; Yanmar Agricultural Equipment Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530 (JP). **BUNO, Setsuo** [JP/JP]; Yanmar Agricultural Equipment Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530 (JP). **OMAE, Kensuke** [JP/JP]; Yanmar Agricultural Equipment Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530 (JP). **ISHIHARA, Yukinobu** [JP/JP]; Yanmar Agricultural Equipment Co., Ltd., 1-32, Chayamachi, Kita-ku, Osaka-shi, Osaka 530 (JP). **UEYAMA, Masanao** [JP/JP]; Showa Precision Machinery Co., Ltd., 3-1, Tsukaguchihonmachi, 5-chome, Amagasaki-shi, Hyogo 661 (JP). **ANBE, Yoshinori** [JP/JP]; Showa Precision Machinery Co., Ltd., 3-1, Tsukaguchihonmachi, 5-chome, Amagasaki-shi, Hyogo 661 (JP). **INOUE, Takuo** [JP/JP]; Showa Precision Machinery Co., Ltd., 3-1, Tsukaguchihonmachi, 5-chome, Amagasaki-shi, Hyogo 661 (JP).
(74) **TSUDA, Naohisa**; Tsuda Patent Office, 4-3, Tsuriganecho 2-chome, Chuo-ku, Osaka-shi, Osaka 540 (JP).
(81) AU CN IL KR TR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50297** (13) A1
(21) PCT/US98/09844
(22) **8 May/mai 1998 (08.05.1998)**

- (11) **WO 98/50297** (13) A1
(21) PCT/US98/09844
(22) **8 May/mai 1998 (08.05.1998)**

- (25) en (26) en
 (31) 08/853,340 (32) **8 May/mai 1997** (33) US
 (08.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B65G 47/34**
- (54) ● POP-UP SWIVEL WHEEL DIVERTER
 ● DEVIATEUR A ROUES PIVOTANTES ESCAMOTABLES
- (71) **HK SYSTEMS, INC.** [US/US]; 2855 S. James Drive, New Berlin, WI 53151 (US).
- (72) **WILKINS, John, J.**; 867 Locust Lane, Cincinnati, OH 45245 (US).
- (74) **NILLES, Andrew, J.** et al. / etc.; Nilles & Nilles, S.C., Firstar Center, Suite 2000, 777 East Wisconsin Avenue, Milwaukee, WI 53202 (US).
- (81) BR 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 98/50298** (13) A1
 (21) PCT/NL98/00248
 (22) **5 May/mai 1998** (05.05.1998)
 (25) nl (26) en
 (31) 1005978 (32) **6 May/mai 1997** (33) NL
 (06.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B65G 47/51, 47/08**
- (54) ● DEVICE FOR FORMING A BUFFER STOCK OF MUTUALLY ORIENTED ARTICLES
 ● DISPOSITIF POUR FORMER UN STOCK TAMPON D'ARTICLES AYANT UNE CERTAINE ORIENTATION RELATIVE
- (71) **CAN SYSTEMS WORLDWIDE B.V.** [NL/NL]; Oude Holterweg 10, NL-7416 WG Deventer (NL). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZWAANS, Marianus, Hermanus, Johannes, Maria** [NL/NL]; Van Heemstraweg 14, NL-6653 KB Deest (NL).
- (74) **SCHUMANN, Bernard, Herman, Johan;** Arnold & Siedsma, Sweelincplein 1, NL-2517 GK Den Haag (NL).
- (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 98/50299** (13) A1
 (21) PCT/EP98/02549
 (22) **30 Apr/avr 1998** (30.04.1998)
 (25) de (26) de
 (31) 197 18 626.2 (32) **2 May/mai 1997** (33) DE
 (02.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B66B 11/00**
- (54) ● CABLE-DRIVEN ELEVATOR
 ● ASCENSEUR A COMMANDE PAR CABLE
- (71) **THYSSEN AUFZÜGE GMBH** [DE/DE]; Bernhäuser Strasse 45, D-73765 Neuhausen (DE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHLECKER, Helmut** [DE/DE]; Hindenburgstrasse 118, D-73207 Plochingen (DE). **SCHIFFNER, Gerhard** [DE/DE]; Richard-Wagner-Strasse 7/2, D-73760 Ostfildern (DE). **SELG, Joseph** [DE/DE]; Lerchenstrasse 19, D-72644 Oberboihingen (DE). **THUMM, Gerhard** [DE/DE]; In den Staudenäckern 3, D-70794 Filderstadt (DE).
- (74) **RAECK & HÖSSLE;** Moserstrasse 8, D-70182 Stuttgart (DE).
- (81) CN NO 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 98/50300** (13) A1
 (21) PCT/US98/08528
 (22) **30 Apr/avr 1998** (30.04.1998)
 (25) en (26) en
 (31) 60/045,500 (32) **2 May/mai 1997** (33) US
 (02.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B66F 9/12, B65G 35/00**
- (54) ● MECHANISM TO FOLD AND UNFOLD TRUCK FORKS
 ● MECANISME PERMETTANT DE REPLIER ET DE DEPLOYER DES FOURCHES DE CHARIOT ELEVATEUR
- (71) **SOUTHLAND SOD FARMS** [US/US]; P.O. Box 579, Port Hueneme, CA 93044 (US).
- (72) **BUSHONG, Jimmy, Ray;** 5105 Dodson Street, Somis, CA 93066 (US). **BUSHONG, Clint, Emerson;** 5105 Dodson Street, Somis, CA 93066 (US).
- (74) **KELLEY, Scott, W.;** Kelly Bauersfeld Lowry & Kelley, LLP, Suite 1650, 6320 Canoga Avenue, Woodland Hills, CA 91367 (US).
- (81) CA IL 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 98/50301** (13) A1
 (21) PCT/CA97/00307
 (22) **5 May/mai 1997** (05.05.1997)
 (25) en (26) en
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B66F 11/04, 1/08**
- (54) ● SELF ERECTING SCAFFOLDING
 ● ECHAFAUDAGE A ERECTION AUTOMATIQUE
- (71) **LES PRODUITS FRACO LIMITEE** [CA/CA]; 91, chemin des Patriotes, Saint-Mathias sur Richelieu, Québec J3L 6A1 (CA).
- (72) **ST-GERMAIN, André;** 1346, rang du Bassin, Saint-Bonaventure, Québec J0C 1C0 (CA). **TES-SIER, Luc;** Appartement 4, 2030, rue Houle, Drummondville, Québec J2B 7E5 (CA).
- (74) **MARTINEAU, François;** Lespérance & Martineau, Bureau 700, 1440, rue Sainte-Catherine Ouest, Montréal, Québec H3G 1R8 (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); 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 98/50302** (13) A1
 (21) PCT/US98/09260
 (22) **6 May/mai 1998** (06.05.1998)
 (25) en (26) en
 (31) 08/851,770 (32) **6 May/mai 1997** (33) US
 (06.05.1997)
- (31) 08/903,831 (32) **31 Jul/juillet 1997** (33) US
 (31.07.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B67D 5/52**
- (54) ● PRODUCT DISPENSER HAVING SEPARABLE REFILL CARTRIDGE
 ● DISTRIBUTEUR DE PRODUIT A CARTOUCHE DE RECHANGE SEPARABLE
- (71) **THE PLASTEK GROUP** [US/US]; 2425 West 23rd Street, Erie, PA 16506 (US).
- (72) **SEAGER, Richard, H.;** 9 Thomas Street, Mystic, CT 06388 (US). **PISCOPO, Peter;** 6 Chaucer Lane, Medford, NJ 08055 (US). **ASTORECA, Alfred, J.;** 66 Sidney School Road, Annandale, NJ 08801 (US).
- (74) **COURY, George, A.;** 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 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 98/50303** (13) A1
 (21) PCT/US98/00517
 (22) **8 Jan/jan 1998** (08.01.1998)
 (25) en (26) en
 (31) 08/841,796 (32) **5 May/mai 1997** (33) US
 (05.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **B67D 5/58**
- (54) ● AIR SEPARATING FUEL DISPENSING SYSTEM
 ● SYSTEME DE DISTRIBUTION DE CARBURANT SEPARANT L'AIR
- (63) US 08/841,796 (CON)
 5 May/mai 1997 (05.05.1997)
- (71) **DELAWARE CAPITAL FORMATION, INC.** [US/US]; Suite 102, 1403 Foulkstone Plaza, Wilmington, DE 19803 (US). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WOOD, Gregory, P.** [US/US]; 2079 Gettysburg Drive S.E., Kentwood, MI 49508 (US). **WALTERS, Michael, D.** [US/US]; 3745 Brookfield Drive, Hudsonville, MI 49426 (US). **OLSON, Scott, M.** [US/US]; 1648 Forest Hill S.E., Grand Rapids, MI 49546 (US).
- (74) **GOLDENBERG, David, S.** et al. / etc.; Flynn, Thiel, Boutell & Tanis, P.C., 2026 Rambling Road, Kalamazoo, MI 49008-1699 (US).
- (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 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 98/50304** (13) A1
(21) PCT/JP98/02033
(22) **7 May/mai 1998 (07.05.1998)**
(25) ja (26) ja
(31) 9/132993 (32) **8 May/mai 1997 (08.05.1997)** (33) JP
(31) 9/182116 (32) **8 Jul/juil 1997 (08.07.1997)** (33) JP
(31) 9/299599 (32) **17 Oct/oct 1997 (17.10.1997)** (33) JP
(31) 9/296872 (32) **29 Oct/oct 1997 (29.10.1997)** (33) JP
(31) 9/321021 (32) **21 Nov/nov 1997 (21.11.1997)** (33) JP
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C01B 19/02, C02F 1/70, 1/58**
(54) ● METHOD FOR TREATING SELENIUM-CONTAINING SOLUTION
● PROCEDE DE TRAITEMENT D'UNE SOLUTION CONTENANT DU SELENIUM
- (71) **MITSUBISHI CHEMICAL CORPORATION** [JP/JP]; 5-2, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-0005 (JP). **KAWASAKI KASEI CHEMICALS LTD.** [JP/JP]; 8-2, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WATANABE, Junya** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). **YANO, Katsuhiko** [JP/JP]; Mitsubishi Chemical Corporation, Yokohama Research Center, 1000, Kamoshida-cho, Aoba-ku, Yokohama-shi, Kanagawa 227-0033 (JP). **KUSABE, Koji** [JP/JP]; Kawasaki Kasei Chemicals Ltd., 1-2, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (JP). **SAKURAI, Tatsuya** [JP/JP]; Kawasaki Kasei Chemicals Ltd., 1-2, Chidori-cho, Kawasaki-ku, Kawasaki-shi, Kanagawa 210-0865 (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) 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 98/50305** (13) A1
(21) PCT/US98/08958
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 08/850,811 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C01B 33/193, C08K 3/36**
(54) ● IMPROVED SILICAS FOR USE IN RUBBER
● SILICES AMELIOREES A UTILISER DANS DU CAOUTCHOUC
- (71) **J.M. HUBER CORPORATION** [US/US]; 333 Thornall Street, Edison, NJ 08818 (US).
- (72) **EVANS, Larry, R.**; 40 Marble Arch, Colora, MD 21917 (US). **FULTZ, William, C.**; 114 Telegraph Road, Rising Sun, MD 21911 (US).
- (74) **LINDENFELDAR, Russell, G.** et al. / etc.; 3000 Two Logan Square, Eighteenth and Arch Streets, Philadelphia, PA 19103 (US).
- (81) BR CA CN 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 98/50306** (13) A1
(21) PCT/US98/09062
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 08/850,813 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C01B 33/193, C08K 3/36**
(54) ● IMPROVED SILICA PRODUCT FOR USE IN ELASTOMERS
● PRODUIT A BASE DE SILICE AMELIORE S'UTILISANT DANS DES ELASTOMERES
- (71) **J.M. HUBER CORPORATION** [US/US]; 333 Thornall Street, Edison, NJ 08818 (US).
- (72) **FULTZ, William, C.**; 114 Telegraph Road, Rising Sun, MD 21911 (US). **MARTIN, Michel, J.**; 49 Thoreau Drive, Plainsboro, NJ 08536 (US). **BEAVERS, Mark, A.**; 245 Pine Trail, Delta, PA 17314 (US).
- (74) **LINDENFELDAR, Russell, G.** et al. / etc.; 3000 Two Logan Square, Eighteenth and Arch Streets, Philadelphia, PA 19103 (US).
- (81) BR CA CN 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 98/50307** (13) A1
(21) PCT/GB98/01275
(22) **30 Apr/avr 1998 (30.04.1998)**
(25) en (26) en
(31) 9708907.2 (32) **1 May/mai 1997 (01.05.1997)** (33) GB
(31) 9709192.0 (32) **7 May/mai 1997 (07.05.1997)** (33) GB
(31) 9801091.1 (32) **20 Jan/jan 1998 (20.01.1998)** (33) GB
(31) 9801097.8 (32) **20 Jan/jan 1998 (20.01.1998)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C01B 37/00**
(54) ● ACTINIDE-CONTAINING MOLECULAR SIEVES
● TAMIS MOLECULAIRES CONTENANT DE L'ACTINIDE
- (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) **LEE, Darren, Frank** [GB/GB]; British Nuclear Fuels plc, Research & Technology, B516, Springfields Works, Salwick, Preston, Lancashire PR4 0XJ (GB). **O'HARE, Dermot** [GB/GB]; 5 St. Cross Road, Oxford, Oxfordshire OX1 3TN (GB). **FRANCIS, Robin** [GB/GB]; Inorganic Chemistry Laboratory, South Parks Road, Oxford, Oxfordshire OX1 3QR (GB).
- (74) **HARRISON GODDARD FOOTE**; Belmont House, 20 Wood Lane, Leeds LS6 2AE (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 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); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50308** (13) A1
(21) PCT/JP98/02011
(22) **6 May/mai 1998 (06.05.1998)**
(25) ja (26) ja
(31) 9/134391 (32) **7 May/mai 1997 (07.05.1997)** (33) JP
(31) 9/368239 (32) **26 Dec/déc 1997 (26.12.1997)** (33) JP
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C01G 45/00, H01M 4/50**
(54) ● NOVEL PROCESS FOR PREPARING SPINEL TYPE LITHIUM MANGANESE COMPOSITE OXIDE AND CATHODE ACTIVE MATERIAL FOR RECHARGEABLE BATTERY
● NOUVEAU PROCEDE DE PREPARATION D'UN OXYDE COMPOSITE LITHIUM-MANGANESE DU TYPE SPINELLE ET MATERIAU ACTIF CATHODIQUE POUR BATTERIE RECHARGEABLE
- (71) **FUJI CHEMICAL INDUSTRY CO., LTD.** [JP/JP]; 55, Yokohoonji, Kamiichi-machi, Nakanikawa-gun, Toyama 930-0397 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **INOUE, Hidetoshi** [JP/JP]; Fuji Chemical Industry Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakanikawa-gun, Toyama 930-0397 (JP). **KIKUYA, Kazuhiko** [JP/JP]; Fuji Chemical Industry Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakanikawa-gun, Toyama 930-0397 (JP). **MACHIMURA, Hitoshi** [JP/JP]; Fuji Chemical Industry Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakanikawa-gun, Toyama 930-0397 (JP). **MATSUBARA, Yukio** [JP/JP]; Fuji Chemical Industry Co., Ltd., 55, Yokohoonji, Kamiichi-machi, Nakanikawa-gun, Toyama 930-0397 (JP).
- (74) **TANAKA, Masahiro**; 607, Lions Mansion Hatchobori No.2, 21-3, Hatchobori 3-chome, Chuo-ku, Tokyo 104-0032 (JP).
- (81) CA 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 98/50309** (13) A1
(21) PCT/RU97/00139
(22) **6 May/mai 1997 (06.05.1997)**
(25) en (26) en
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C02F 1/46, C25B 9/00**
(54) ● APPARATUS FOR ELECTROCHEMICAL TREATMENT OF WATER AND/OR WATER SOLUTIONS
● APPAREIL POUR LE TRAITEMENT ELECTROCHIMIQUE D'EAU ET/OU DE SOLUTIONS AQUEUSES
- (71, 72) **BAKHIR, Vitold Mikhailovich** [RU/RU]; ul. Profsojuznaya, 136-3-292, Moscow, 117321 (RU).
- (72) **ZADOROZHNY, Jury Georgievich**; ul. Nagatinskaya, 33-37, Moscow, 115533 (RU). **BARABASH, Taras Borisovich**; ul. Sayanskaya, 5-1-368, Moscow, 115131 (RU).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE HU IL IS JP KR LK LR LT LV MG MK MX NO NZ PL RO SG SI SK TR TT: AP (GH KE LS MW SD SZ UG); 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 98/50310** (13) A1

(21) PCT/US98/09213

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,656 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C02F 1/76, 3/28, B01D 53/34, 53/52**

(54) ● ODOR CONTROL IN INDUSTRIAL LAGOONS
● LUTTE CONTRE LES ODEURS DANS DES LAGUNES INDUSTRIELLES

(71) **SABRE OXIDATION TECHNOLOGIES, INC.** [US/US]; 4642 Marco Avenue, Odessa, TX 79762 (US).

(72) **MASON, John, Y.**; 7765 Old Sacramento Drive, Plymouth, CA 95669 (US). **DECHANT, Darrell, L.**; 8919 Xavier Street, Westminster, CO 80030 (US).

(74) **KONDRACKI, Edward, J.**; Kerkam, Stowell, Kondracki & Clarke, P.C., Suite 600, Two Skyline Place, 5203 Leesburg Pike, Falls Church, VA 22041 (US).

(81) AU CA CN GB JP KR MX.

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(11) **WO 98/50311** (13) A1

(21) PCT/CA98/00462

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 2,204,422 (32) **2 May/mai 1997 (02.05.1997)** (33) CA

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C02F 3/04, 3/06, 3/10**

(54) ● LIQUID WASTE TREATMENT BIO-REACTOR PROCESS AND APPARATUS
● PROCEDE ET DISPOSITIF A BIOREACTEUR POUR TRAITEMENT DE DECHETS LIQUIDES

(71, 72) **KANTARDJIEFF, Alexandra** [CA/CA]; 663 Vauquelin Street, Rock Forest, Quebec J1N 1X7 (CA).

(74) **MORROW, Joy, D.** et al. / etc.; Smart & Biggar, 900 - 55 Metcalfe Street, P.O. Box 2999, Station D, Ottawa, Ontario K1P 5Y6 (CA).

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

Published / Publiée : (c)

(11) **WO 98/50312** (13) A1

(21) PCT/US98/09628

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/851,645 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C02F 11/18, 11/04**

(54) ● PROCESS AND APPARATUS FOR TREATING WASTE

● PROCEDE ET APPAREIL SERVANT AU TRAITEMENT DE DECHETS

(63) US Not furnished / non communiqué (CIP)
Not furnished / non communiquée

(71) **UNITED STATES FILTER CORPORATION** [US/US]; 40-004 Cook Street, Palm Desert, CA 92211 (US).
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(72, 75) **BUEHLER, Verne, T.** [US/US]; 2137 Kensington Drive, Waukesha, WI 53188 (US).

(74) **GANZI, Gary, C.**; United States Filter Corporation, 10 Technology Drive, Lowell, MA 01851 (US).

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

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(11) **WO 98/50313** (13) A1

(21) PCT/US98/09042

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/852,861 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C03B 37/08, 37/095, C23C 16/00, B05D 1/36, 7/00**

(54) ● DIFFUSION BARRIER FOR BORES OF GLASS FIBER SPINNERS PROVIDING HIGH CORROSION AND OXIDATIVE RESISTANCE AT HIGH TEMPERATURES
● BARRIERE DE DIFFUSION POUR TROUS DE PANIERS CENTRIFUGEURS AYANT UNE EXCELLENTE RESISTANCE A LA CORROSION ET A L'OXYDATION A TEMPERATURES ELEVEES

(71) **OWENS CORNING** [US/US]; One Owens Corning Parkway, Toledo, OH 43659 (US).

(72) **MCGARRY, Dennis**; 3572 Deeds Road, Granville, OH 43023 (US).

(74) **BRUESKE, Curtis, B.** et al. / etc.; Owens Corning, Building 54, 2790 Columbus Road, Granville, OH 43023 (US).

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

(11) **WO 98/50314** (13) A1

(21) PCT/US98/08444

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

(25) en (26) en

(31) 97/05632 (32) **7 May/mai 1997 (07.05.1997)** (33) FR

(31) 60/051,524 (32) **2 Jul/juil 1997 (02.07.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C03C 3/083, 3/085, 3/087, 3/089, 3/091, 3/093, 3/11, 3/115, 3/118, 4/02, G02C 7/10**

(54) ● IR AND UV ABSORBING BROWN SOLAR GLASSES, OPHTHALMIC LENSES

● VERRES SOLAIRES BRUNS ABSORBANT LES IR ET LES UV ET LENTILLES OPHTHALMIQUES

(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) **BROCHETON, Yves** [FR/FR]; 41, rue Gabriel Lacassagne, F-94120 Fontenay-sous-Bois (FR).

(74) **HERZFELD, Alexander, R.** et al. / etc.; Corning Incorporated, Patent Dept., SP FR 02-12, Corning, NY 14831 (US).

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

(11) **WO 98/50315** (13) A1

(21) PCT/EP98/02806

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 97/05631 (32) **7 May/mai 1997 (07.05.1997)** (33) FR

(31) 60/051,599 (32) **2 Jul/juil 1997 (02.07.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C03C 3/093, B29D 11/00**

(54) ● ORGANIC LENS MOLDS IN INORGANIC GLASS AND NOVEL INORGANIC GLASSES

● MOULES POUR VERRES ORGANIQUES, REALISES EN VERRE INORGANIQUE, ET NOUVEAUX VERRES INORGANQUES

(71) **CORNING INCORPORATED** [US/US]; One Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RICOULT, Daniel** [FR/FR]; 35, rue Lamartine, F-91120 Palaiseau (FR). **LABORDE, Pascale** [FR/US]; 3076 Goff Road, East Corning, NY 14830 (US).

(74) **LE ROUX, Martine** et al. / etc.; Cabinet Beau de Loménie, 158, rue de l'Université, F-75340 Paris Cedex 07 (FR).

(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)

(11) **WO 98/50316** (13) A1

(21) PCT/AU98/00326

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) PO 6635 (32) **6 May/mai 1997 (06.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C03C 25/02**

(54) ● FABRICATION OF ZINC OXIDE FILMS ON NON-PLANAR SUBSTRATES AND THE USE THEREOF

● FABRICATION DE COUCHES D'OXYDE DE ZINC SUR DES SUBSTRATS NON PLANS ET LEUR UTILISATION

(71) **CORNING INCORPORATED** [US/US]; One Riverfront Plaza, Corning, NY 14831 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BROCHETON, Yves** [FR/FR]; 41, rue Gabriel Lacassagne, F-94120 Fontenay-sous-Bois (FR).

(74) **HERZFELD, Alexander, R.** et al. / etc.; Corning Incorporated, Patent Dept., SP FR 02-12, Corning, NY 14831 (US).

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

- (71) **UNISEARCH LIMITED** [AU/AU]; 76 Wentworth Street, Cnr. King & Wentworth Streets, Randwick, NSW 2031 (AU).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOCH, Michael, Herman** [DE/AU]; 85 Union Street, Erskineville, NSW 2043 (AU). **LAMB, Robert, Norman** [AU/AU]; 9 Gamut Road, Engadine, NSW 2233 (AU). **TIMBRELL, Peter, Yorke** [CA/CA]; 12 Silver Aspen Crescent, Ottawa, Ontario K1B 3C3 (CA). **MAR, Gock, Leong** [FJ/AU]; 7/35-37 Robertson Street, Kogarah, NSW 2217 (AU).
- (74) **GRIFFITH HACK**; G.P.O. Box 4164, Sydney, NSW 2001 (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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50317** (13) A1

(21) PCT/NL98/00254

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,746 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(31) 1007933 (32) **30 Dec/déc 1997 (30.12.1997)** (33) NL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C03C 25/02, G02B 6/44, C09D 11/10**

- (54) ● RADIATION-CURABLE INK COMPOSITION
● COMPOSITION D'ENCRE DURCISSABLE PAR EXPOSITION A UN RAYONNEMENT

(71) **DSM N.V.** [NL/NL]; Het Overloon 1, NL-6411 TE Heerlen (NL).

(72) **ZAHORA, Edward, Paul**; 115601 Walterlane, Naperville, IL 60564 (US). **MURPHY, Edward, Joseph**; 742 South Mitchel, Arlington Heights, IL 60005 (US). **SZUM, David, Michael**; 646 North Oaklawn, Elmhurst, IL 60126 (US). **VAN DEN BURG, Johannes, Cornelis**; Christiaan Weenigstraat 76, NL-3151 CV Hoek van Holland (NL).

(74) **DEN HARTOG, Jeroen, Hendrikus, Joseph**; Octroibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).

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

(11) **WO 98/50318** (13) A1

(21) PCT/NZ98/00052

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

(25) en (26) en

(31) 314721 (32) **1 May/mai 1997 (01.05.1997)** (33) NZ

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C04B 18/00**

- (54) ● A CEMENTITIOUS COMPOSITION
● COMPOSITION CIMENTAIRE

(71) **PLASCRETE LTD.** [NZ/NZ]; 1002 Harvard Lane, Ardmore, Auckland (NZ).
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(72, 75) **BARROW, Peter, Hamish** [NZ/NZ]; 1002 Harvard Lane, Ardmore, Auckland (NZ).

(74) **PIPER James, William** et al. / etc.; James W. Piper & Co., Wellesley Street, P. O. Box 5298, Auckland 1036 (NZ).

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

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(11) **WO 98/50319** (13) A1

(21) PCT/IT97/00101

(22) **7 May/mai 1997 (07.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C04B 18/30, B09B 3/00, C02F 11/00**

- (54) ● PROCESS FOR THE COLD TRANSFORMATION OF MUNICIPAL REFUSES AND/OR SLUDGE INTO INERT MATERIALS, PLANT FOR CARRYING OUT SAID PROCESS AND PRODUCTS OBTAINED

- PROCEDE DE TRANSFORMATION A FROID DE DECHETS URBAINS OU DE BOUES LIQUIDES EN MATERIAUX INERTES, INSTALLATION SERVANT A METTRE CE PROCEDE EN APPLICATION ET PRODUITS OBTENUS

(71, 72) **BERNABEI, Raffaello** [IT/IT]; Corso Vittorio Emanuele II, 305, I-00186 Roma (IT).

(74) **BANCHETTI, Marina** et al. / etc.; Ing. Barzanó & Zanardo Roma S.p.A., Via Piemonte, 26, I-00187 Roma (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 IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG 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).

(11) **WO 98/50320** (13) A1

(21) PCT/EP98/02651

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) M197A001044 (32) **6 May/mai 1997 (06.05.1997)** (33) IT

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C04B 24/16 // 103:30**

- (54) ● CEMENT FLUIDIFIERS HAVING STARCH SULPHATE BASE
● FLUIDIFIANTS DE CIMENT POSSEDANT UNE BASE DE SULFATE D'AMIDON

(71) **F.B.C. FUTURE BIOLOGIC CHEMICALS S.R.L.** [IT/IT]; Via Padriciano, 99, I-34012 Trieste (IT).
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(72, 75) **NAVARINI, Luciano** [IT/IT]; Via Stoppani, 3, I-34133 Trieste (IT). **STUCCHI, Luca** [IT/IT]; Via Mariori della Libertà, 5, I-33048 S. Giovanni al Natisone (IT).

(74) **GERVASI, Gemma**; Notarbartolo & Gervasi S.p.A., Corso di Porta Vittoria, 9, I-20122 Milan (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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50321** (13) A1

(21) PCT/JP98/01899

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

(25) ja (26) ja

(31) 9/116714 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(31) 9/156630 (32) **13 Jun/juin 1997 (13.06.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C04B 35/66**

- (54) ● SEIZURE REPAIRING MATERIAL
● MATERIAU SERVANT A REPARER UN GRIPPAGE

(71) **SHINAGAWA REFRACTORIES CO., LTD.** [JP/JP]; 2-1, Otemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
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(72, 75) **TAKENAKA, Hiroshi** [JP/JP]; 477-23, Hattori, Osafune-cho, Oku-gun, Okayama 701-4276 (JP). **HORITA, Shuzo** [JP/JP]; 390, Higashi-Katakami, Bizen-shi, Okayama 705-0022 (JP). **AKIZUKI, Toshihiko** [JP/JP]; 1931, Inbe, Bizen-shi, Okayama 709-0001 (JP). **OSAKI, Yoshiaki** [JP/JP]; 2891-5, Tsurumi, Bizen-shi, Okayama 705-0025 (JP).

(74) **UCHIDA, Nobuhiko** et al. / etc.; Azusa Patent Office, Ueno Suzuki Building, 7th floor, 16-3, Ueno 3-chome, Taito-ku, Tokyo 110-0005 (JP).

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

(11) **WO 98/50322** (13) A1

(21) PCT/US98/08867

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/852,260 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C05F 5/00, C05G 3/00**

- (54) ● METHOD OF ESTABLISHING HOPS BY APPLICATION OF AMMONIATED ZINC METAL ALKANOATES
● PROCEDE D'ETABLISSEMENT DU HOUBLON PAR APPLICATION D'ALCANOATES DE ZINC AMMONIACAUX

(71) **PLATTE CHEMICAL COMPANY** [US/US]; 419 18th Street, Greeley, CO 80631 (US).

(72) **SHELTON, David**; 5 Manor Close, Charwelton, Darenty, Northamptonshire NN11 34Q (GB).

(74) **BURTON, Carol, W.** et al. / etc.; Holland & Hart L.L.P., Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).

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

(11) **WO 98/50323** (13) A1

(21) PCT/US98/09398

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/852,663 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C05F 7/00**

(54) ● SEWAGE SLUDGE RECYCLING WITH A PIPE CROSS-REACTOR
● RECYCLAGE DE BOUES D'EPURATION A L'AIDE D'UN REACTEUR A TUYAUX TRANSVERSAUX

(71) **UNITY, INC.** [US/US]; P.O. Box 374, Soda Springs, ID 83276 (US).

(72) **GREER, Gary, D.**; P.O. Box 374, Soda Springs, ID 83276 (US). **DAHMS, Gary, L.**; 19651 Nounan Road, Soda Springs, ID 83276 (US).

(74) **BOND, Laurence, B.** et al. / etc.; Trask, Britt & Rossa, P.O. Box 2550, Salt Lake City, UT 84110 (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).

(11) **WO 98/50324** (13) A1

(21) PCT/EP98/02562

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

(25) de (26) de

(31) 197 18 553.3 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C06D 5/06, C06B 23/02, B60R 21/26**

(54) ● REDUCING POLLUTANT GASES IN GAS MIXTURES FROM PYROTECHNIC REACTIONS
● REDUCTION DE GAZ NOCIFES DANS DES MELANGES GAZEUX PROVENANT DE REACTIONS PYROTECHNIQUES

(71) **DYNAMIT NOBEL GMBH EXPLOSIVSTOFF- UND SYSTEMTECHNIK** [DE/DE]; Kaiserstrasse 1, D-53840 Troisdorf (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BLEY, Ulrich** [DE/DE]; Kleinreuther Weg 42, D-90408 Nürnberg (DE). **REDECKER, Klaus** [DE/DE]; Burgfarnbacher Strasse 34, D-90431 Nürnberg (DE). **REICHEL, Martin** [DE/DE]; Waldstrasse 33, D-90596 Schwanstetten (DE). **WEUTER, Waldemar** [DE/DE]; Kronacher Strasse 44 b, D-90765 Fürth (DE).

(74) **UPPENA, Franz** et al. / etc.; Dynamit Nobel Aktiengesellschaft, Patentabteilung, D-53839 Troisdorf (DE).

(81) BR CA CN CZ JP KR MX PL RU 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 98/50325** (13) A2

(21) PCT/US98/09383

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,129 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C**

(54) ● BUILDING BLOCKS DERIVED FROM 1,2-AMINOALCOHOLS
● BLOCS DE CONSTRUCTION DE DERIVES DE 1,2-AMINO-ALCOOLS

(71) **PHARM-ECO LABORATORIES, INC.** [US/US]; 128 Spring Street, Lexington, MA 02173 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GABRIEL, Richard, L.** [US/US]; 20 Blodgett Avenue, Swampscott, MA 01907 (US). **JURAY, J, Jurjus** [LB/US]; 16C Strawberry Hill Road, No. 32, Acton, MA 01720 (US).

(74) **PIERCE, N., Scott** 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50326** (13) A1

(21) PCT/US98/09145

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/851,867 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 1/04**

(54) ● HYDROCARBON SYNTHESIS WITH CRYOGENIC NITROGEN REMOVAL UPSTREAM OF THE SYNGAS GENERATION
● SYNTHÈSE D'HYDROCARBURES AVEC EXTRACTION CRYOGENIQUE DE L'AZOTE EN AMONT DE LA PRODUCTION DE GAZ DE SYNTHÈSE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **ALEXION, Dennis, G.**; 7 Longfellow Drive, Succasunna, NJ 07876 (US). **COULALOGLOU, Constantine, A.**; 20 Coventry Road, Mendham, NJ 07945 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(81) AU CA 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 98/50327** (13) A1

(21) PCT/GB98/01210

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

(25) en (26) en

(31) 9709268.8 (32) **8 May/mai 1997 (08.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 17/087, 19/08, B01J 27/12**

(54) ● A PROCESS FOR THE PRODUCTION OF A HYDROFLUOROCARBON AND USE OF A CATALYST THEREFOR

● PROCEDE DE PRODUCTION D'HYDROFLUOROCARBONE ET UTILISATION D'UN CATALYSEUR A CETTE FIN

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **EWING, Paul, Nicholas** [GB/GB]; 14 Alexandra Road, Stockton Heath, Warrington WA4 2UT (GB). **McCARTHY, John, Charles** [GB/GB]; 63 Grange Drive, Penketh, Warrington, Cheshire WA5 2JN (GB).

(74) **GEARY, Stephen** et al. / etc.; ICI Group Intellectual Property, The Heath, P.O. Box 11, 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).

(11) **WO 98/50328** (13) A1

(21) PCT/EP98/02087

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

(25) de (26) de

(31) 197 18 871.0 (32) **3 May/mai 1997 (03.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 17/156, 19/045**

(54) ● METHOD FOR OXICHLORINATION OF ETHYLENE IN A FLUIDIZED BED-CATALYST BED

● PROCEDE D'OXYCHLORATION D'ETHYLENE DANS LIT CATALYSEUR A COUCHE FLUIDISEE

(71) **KRUPP UHDE GMBH** [DE/DE]; Friedrich-Uhde-Strasse 15, D-44141 Dortmund (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BENJE, Michael** [DE/DE]; Barkhausstrasse 6, D-64289 Darmstadt (DE).

(74) **MEINKE, Julius** et al. / etc.; Westenhellweg 67, D-44137 Dortmund (DE).

(81) AL AU BA BB BG BR BY CA CN CU CZ EE GE GH GM 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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(25) fr (26) fr
(31) 9700399 (32) **5 May/mai 1997 (05.05.1997)** (33) BE
(31) 9700669 (32) **8 Aug/août 1997 (08.08.1997)** (33) BE
(31) 9800140 (32) **24 Feb/fév 1998 (24.02.1998)** (33) BE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 17/278, 19/08**

(54) ● METHOD FOR PREPARING 1,1,1,3,3-PENTACHLOROBUTANE
● PROCEDE DE PREPARATION DE 1,1,1,3,3-PENTACHLOROBUTANE

(71) **SOLVAY (SOCIETE ANONYME)** [BE/BE]; Rue du Prince Albert 33, B-1050 Bruxelles (BE).
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(72, 75) **SCHOEBRECHTS, Jean-Paul** [BE/BE]; Allée des Vignes 7, B-5980 Grez-Doiceau (BE).
MATHIEU, Véronique [BE/BE]; Venelle des Préas 16, B-1300 Wavre (BE).
JANSSENS, Francine [BE/BE]; Steenweg op Koningslo 106, B-1800 Vilvoorde (BE).

(74) **JACQUES, Philippe** et al. / etc.; Solvay (Société Anonyme), Rue de Ransbeek 310, B-1120 Bruxelles (BE).

(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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) fr (26) fr
(31) 9700399 (32) **5 May/mai 1997 (05.05.1997)** (33) BE
(31) 9700669 (32) **8 Aug/août 1997 (08.08.1997)** (33) BE
(31) 9800141 (32) **24 Feb/fév 1998 (24.02.1998)** (33) BE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 17/278, 17/275, 19/01, B01J 31/02**

(54) ● METHOD FOR PREPARING HALOGENATED HYDROCARBONS
● PROCEDE DE PREPARATION D'HYDROCARBURES HALOGENES

(71) **SOLVAY (SOCIETE ANONYME)** [BE/BE]; 33, rue du Prince Albert, B-1050 Bruxelles (BE).
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(72, 75) **MATHIEU, Véronique** [BE/BE]; 16, venelle des Préas, B-1300 Wavre (BE).
JANSSENS, Francine [BE/BE]; Steenweg op Koningslo 106, B-1800 Vilvoorde (BE).

(74) **JACQUES, Philippe** et al. / etc.; Solvay (Société Anonyme), 310, rue de Ransbeek, B-1120 Bruxelles (BE).

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

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(11) **WO 98/50331** (13) A1
(21) PCT/US98/08921
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 60/044,013 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 17/38, 41/34, C07D 301/32, C07C 21/18, 19/08, 43/17, C07D 303/08, B01D 53/22**

(54) ● CO₂ REMOVAL FROM FLUOROCARBONS BY SEMIPERMEABLE MEMBRANE
● ELIMINATION DU CO₂ DANS LES FLUOROCARBURES PAR MEMBRANE SEMIPERMEABLE

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

(72) **O'BRIEN, William, G.**; 3 Orbit Circle, Newark, DE 19711 (US).
NOELKE, Charles, J.; 105 Crosica Lane, Cary, NC 27511 (US).
HARKER, Raymond, C.; 210 Howard Drive, Williamstown, NJ 08094 (US).

(74) **HENDRICKSON, John, S.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

(11) **WO 98/50332** (13) A1
(21) PCT/US98/08922
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 60/045,440 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 17/38, 41/34, 21/18, 43/17, B01D 53/22**

(54) ● SEPARATION OF CO₂ FROM UNSATURATED FLUORINATED COMPOUNDS BY SEMIPERMEABLE MEMBRANE
● EXTRACTION DE CO₂ DANS LES COMPOSES FLUORES INSATURES PAR MEMBRANE SEMIPERMEABLE

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

(72) **O'BRIEN, William, G.**; 3 Orbit Circle, Newark, DE 19711 (US).
NOELKE, Charles, J.; 105 Corsica Lane, Cary, NC 27511 (US).
HARKER, Raymond, C.; 210 Howard Drive, Williamstown, NJ 08094 (US).

(74) **HENDRICKSON, John, S.**; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

(11) **WO 98/50333** (13) A1

(21) PCT/US97/07772

(22) **6 May/mai 1997 (06.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 27/10, 67/00, B01J 31/00**

(54) ● LIGATED PLATINUM GROUP METAL CATALYST COMPLEX AND IMPROVED PROCESS FOR CATALYTICALLY CONVERTING ALKANES TO ESTERS AND DERIVATIVES THEREOF

● COMPLEXE DE CATALYSEURS RENFERMANT DES LIGANDES ET DES METAUX DU GROUPE DU PLATINE ET PROCEDE AMELIORE DE CONVERSION CATALYTIQUE D'ALCANES EN ESTERS ET EN LEURS DERIVES

(63) US 08/637,067 (CON)
24 Apr/avr 1996 (24.04.1996)

(71) **CATALYTICA, INC.** [US/US]; 430 Ferguson Drive, Mountain View, CA 94043-5272 (US).
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(72, 75) **PERIANA, Roy, A.** [US/US]; 2717 Camino Del Rey, San Jose, CA 95132 (US).
TAUBE, Douglas, J. [US/US]; 3265 Oakes Drive, Hayward, CA 94542 (US).
GAMBLE, Scott [US/US]; 238 Goodwin Street, Hayward, CA 94544 (US).
TAUBE, Henry [US/US]; 441 Gerona Road, Stanford, CA 94305 (US).

(74) **BRADFUTE, David, L.** 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL 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).

(11) **WO 98/50334** (13) A1

(21) PCT/US98/06995

(22) **7 Apr/avr 1998 (07.04.1998)**

(25) en (26) en

(31) 08/854,131 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 41/22, 41/24, 43/225**

(54) ● PRODUCTION OF BROMINATED METHOXYNAPHTHALENE COMPOUNDS

- PRODUCTION DE COMPOSES METHOXY-NAPHTHALENES BROMES
- (71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).
- (72) **SABAHI, Mahmood**; 851 Shadow Oak Drive, Baton Rouge, LA 70810 (US).
- (74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent & Trademark Division, 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).

(11) **WO 98/50335** (13) A1

(21) PCT/EP98/02410

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

(25) de (26) de

(31) 197 19 054.5 (32) **6 May/mai 1997 (06.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 45/00, 49/80**

- (54) ● METHOD FOR PREPARING ACETOPHENONES WITH A FLUOROALKYL-SUBSTITUTED AROMATIC NUCLEUS
- PROCÉDE DE PRÉPARATION D'ACÉTOPHÉNONES SUBSTITUÉES PAR FLUOROALKYLE AU NIVEAU DU NOYAU AROMATIQUE

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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(72, 75) **KÜHNLE, Wulf** [DE/DE]; Hahnenweg 3, D-51061 Köln (DE). **MARHOLD, Albrecht** [DE/DE]; Carl-Duisberg-Strasse 329, D-51373 Leverkusen (DE). **STEFFAN, Guido** [DE/DE]; Im Herzogenfeld 52, D-51519 Odenthal (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).

Published / Publiée : (c)

(11) **WO 98/50336** (13) A1

(21) PCT/US98/09264

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/046,336 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 60/069,100 (32) **10 Dec/déc 1997 (10.12.1997)** (33) US

(31) 09/069,183 (32) **29 Apr/avr 1998 (29.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 45/49, 2/54, C10G 35/06**

- (54) ● SUPERACID CATALYZED FORMYLATION-REARRANGEMENT OF SATURATED HYDROCARBONS

- FORMYLATION-REAGENCEMENT D'HYDROCARBURES SATURÉS UTILISANT UN CATALYSEUR SUPER ACIDE

(71, 72) **OLAH, George, A.** [US/US]; 2252 Gloaming Way, Beverly Hills, CA 90210 (US).

(74) **FANUCCI, Allan, 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).

(11) **WO 98/50337** (13) A1

(21) PCT/EP98/02447

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

(25) de (26) de

(31) 197 19 380.3 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 49/835, 49/813, 205/45, 317/24, 45/54, A01N 35/06**

- (54) ● SUBSTITUTED 2-(3-ALKENYL-BENZOYL)-CYCLOHEXANE-1,3-DIONES
- 2-(3-ALKENYLE-BENZYLOLE)-CYCLOHEXANE-1,3-DIONES SUBSTITUEES

(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
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(72, 75) **BAUMANN, Ernst** [DE/DE]; Falkenstrasse 6a, D-67373 Dudenhofen (DE). **VON DEYN, Wolfgang** [DE/DE]; An der Bleiche 24, D-67435 Neustadt (DE). **ENGEL, Stefan** [DE/DE]; Friedrich-Ebert-Strasse 13, D-65510 Idstein (DE). **HILL, Regina, Luise** [DE/DE]; Ziegelofenweg 40, D-67346 Speyer (DE). **KARDORFF, Uwe** [DE/DE]; D 3.4, D-68159 Mannheim (DE). **MAYER, Guido** [DE/DE]; Gutleuthausstrasse 8, D-67433 Neustadt (DE). **OTTEN, Martina** [DE/DE]; Gunterstrasse 28, D-67069 Ludwigshafen (DE). **RACK, Michael** [DE/DE]; Sandwingert 67, D-69123 Heidelberg (DE). **RHEINHEIMER, Joachim** [DE/DE]; Merziger Strasse 24, D-67063 Ludwigshafen (DE). **WITSCHEL, Matthias** [DE/DE]; Wittelsbachstrasse 81, D-67061 Ludwigshafen (DE). **WESTPHALEN, Karl-Otto** [DE/DE]; Mausbergweg 58, D-67346 Speyer (DE). **MISSLITZ, Ulf** [DE/DE]; Mandelring 74, D-67433 Neustadt (DE). **WALTER, Helmut** [DE/DE]; Grünstadter Strasse 82, D-67283 Obrigheim (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 UZ; EA (AM AZ BY KG 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)

(11) **WO 98/50338** (13) A1

(21) PCT/FI98/00391

(22) **7 May/mai 1998 (07.05.1998)**

(25) fi (26) en

(31) 971973 (32) **7 May/mai 1997 (07.05.1997)** (33) FI

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 67/48, 67/08, 67/58, 67/60**

- (54) ● PROCESS FOR PREPARING AND PURIFYING COMPLEX ESTERS
- PROCÉDE DE PRÉPARATION ET PURIFICATION D'ESTERS COMPLEXES

(71) **NESTE OYJ** [FI/FI]; Keilaniemi, FIN-02150 Espoo (FI).
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(72, 75) **KOISTINEN, Jari** [FI/FI]; Lamminmutka 2 C 14, FIN-40520 Jyväskylä (FI). **RISSANEN, Kari** [FI/FI]; Hankamäenti 13, FIN-41520 Hankasalmi (FI). **KOSKIMIES, Salme** [FI/FI]; Hämeenapajantie 7, FIN-00850 Helsinki (FI).

(74) **LAINE, Seppo** et al. / etc.; Seppo Laine OY, Itämerenkatu 3B, FIN-00180 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).

(11) **WO 98/50339** (13) A1

(21) PCT/JP98/01952

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

(25) ja (26) ja

(31) 9/117130 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(31) 9/117131 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(31) 9/118925 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 69/16, 67/08, 43/13**

- (54) ● 1-ACETOXY-3-n-PROPOXYPROPANE AND ETHER ALCOHOL SOLVENTS
- 1-ACETOXY-3-n-PROPOXYPROPANE ET SOLVANTS D'ETHER ALCOOL

(71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAWASAKI, Hiroshi** [JP/JP]; 1-1, Shinguu-chou, Tokuyama-shi, Yamaguchi 745-0843 (JP). **JINTOKU, Tetsuro** [JP/JP]; 1-1, Shinguu-chou, Tokuyama-shi, Yamaguchi 745-0843 (JP).

(74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).

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

(11) **WO 98/50340** (13) A1

(21) PCT/US97/15861

(22) **9 Sep/sep 1997 (09.09.1997)**

(25) en (26) en

(31) 08/853,981 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07C 69/653, C08F 220/22, G02B 1/04

- (54) ● HIGH INDEX OF REFRACTION MONOMERS
● MONOMERES A INDICE DE REFRACTION ELEVE

(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).

(74) SCHULTE, Daniel, C. 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).

(11) WO 98/50341 (13) A1

(21) PCT/US98/08449

(22) 24 Apr/avr 1998 (24.04.1998)

(25) en (26) en

(31) 853,752 (32) 9 May/mai 1997 (33) US (09.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07C 229/00

- (54) ● METHOD OF PREPARING SALICYLOYLAMINO ACIDS
● PROCEDE DE PREPARATION D'ACIDES SALICYLOYLAMINES

(63) US 08/853,752 (CON) 9 May/mai 1997 (09.05.1997)

(71) EMISPHERE TECHNOLOGIES, INC. [US/US]; 15 Skyline Drive, Hawthorne, NY 10532 (US).
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(72, 75) GSCHNEIDNER, David [US/US]; 44 Cerretta Street #6, Stamford, CT 06907 (US). O'TOOLE, Doris [US/US]; 33 Lakeview Road, Carmel, NY 10512 (US). FREEMAN, John [US/US]; 98 Eastview Drive, Valhalla, NY 10595 (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 GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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/US98/08764

(22) 30 Apr/avr 1998 (30.04.1998)

(25) en (26) en

(31) 60/046,862 (32) 8 May/mai 1997 (33) US (08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07C 233/00

- (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) BONDINELL, William, Edward [US/US]; 1512 Franklin Lane, Wayne, PA 19087 (US). Des-JARLAIS, Renee, Louise [US/US]; 11 Cornwall Circle, St. Davids, PA 19087 (US). VEBER, Daniel, Frank [US/US]; 290 Batleson Road, Ambler, PA 19002 (US). YAMASHITA, Dennis, Shinji [US/US]; 703 Edgewood Road, King of Prussia, PA 19406 (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 GM GW HU ID IL IS JP KP KR LC LK LR LT LV MD 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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(21) PCT/EP98/02266

(22) 14 Apr/avr 1998 (14.04.1998)

(25) en (26) en

(31) 9707830.7 (32) 18 Apr/avr 1997 (33) GB (18.04.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07C 233/75, C07D 215/50, A61K 31/165, 31/47

- (54) ● (HETERO)ARYL CARBOXAMIDE DERIVATIVES, PROCESS FOR THEIR PREPARATION AND THEIR USE IN THE TREATMENT OF CNS DISORDERS
● DERIVES (HETERO)ARYLE CARBOXAMIDES, LEUR PROCEDE DE PREPARATION ET LEUR UTILISATION DANS LES DESORDRES CNS

(71) SMITHKLINE BEECHAM PLC [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
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(72, 75) WYMAN, Paul, Adrian [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).

(74) WATERS, David, Martin; 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).

(11) WO 98/50344 (13) A1

(21) PCT/DK98/00176

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 0533/97 (32) 7 May/mai 1997 (33) DK (07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07C 255/06, 253/30, C07D 295/00, 211/00, 213/00, 217/00, 233/00, A61K 31/275, 31/33

- (54) ● SUBSTITUTED 3,3-DIAMINO-2-PROPENITRILES, THEIR PREPARATION AND USE
● 3,3-DIAMINO-2-PROPENITRILES, PREPARATION ET UTILISATION DE CES DERNIERS

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

(72) DÖRWALD, Florenzio, Zaragoza; Klokkeddybet 3D, DK-2730 Herlev (DK). HANSEN, John, Bondo; Langaasen 3, DK-4450 Jyderup (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).

(11) WO 98/50345 (13) A1

(21) PCT/US98/09202

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 08/848,455 (32) 8 May/mai 1997 (33) US (08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07C 269/04, C08F 8/32

- (54) ● PREPARATION OF HYDROXY URETHANES
● PREPARATION D'HYDROXY-URETHANES

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

(72) ANDERSON, Albert, Gordon; 2410 Saint Francis Street, Wilmington, DE 19808 (US).

(74) SIEGELL, Barbara, C.; E.I. du Pont de Nemours and Company, Legal Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) AU BR 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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(22) 14 Apr/avr 1998 (14.04.1998)

(25) en (26) en

(31) 9707874.5 (32) 18 Apr/avr 1997 (33) GB (18.04.1997)

(31) 9801632.2 (32) 26 Jan/jan 1998 (33) GB (26.01.1998)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07C 275/32, 233/29, 271/58, C07D 213/40, 401/12, 213/56, 401/14, A61K 31/17, 31/16, 31/395

- (54) ● ACETAMIDE AND UREA DERIVATIVES, PROCESS FOR THEIR PREPARATION AND THEIR USE IN THE TREATMENT OF CNS DISORDERS

- DERIVES D'ACETAMIDE ET D'UREE, PROCEDE DE PREPARATION ET UTILISATION DE CES DERIVES DANS LE TRAITEMENT DES TROUBLES DU SYSTEME NERVEUX CENTRAL
- (71) **SMITHKLINE BEECHAM PLC** [GB/GB]; New Horizons Court, Brentford, Middlesex TW8 9EP (GB).
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- (72, 75) **GASTER, Laramie, Mary** [GB/GB]; (GB).
WYMAN, Paul, Adrian [GB/GB]; SmithKline Beecham Pharmaceuticals, New Frontiers Science Park South, Third Avenue, Harlow, Essex CM19 5AW (GB).
- (74) **WATERS, David, Martin**; SmithKline Beecham plc, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (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 98/50347** (13) A1
(21) PCT/US98/08815
(22) **4 May/mai 1998 (04.05.1998)**
(25) en (26) en
(31) 60/045,583 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(31) 09/072,484 (32) **4 May/mai 1998 (04.05.1998)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07C 309/35, A61K 31/655**
(54) • NAPHTHOLS USEFUL IN ANTIVIRAL METHODS
• NAPHTOLS UTILISABLES DANS DES METHODES ANTIVIRALES
- (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 5th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).
- (72) **KENYON, George, L.**; 85 Mountain Spring Avenue, San Francisco, CA 94114 (US). **STAUBER, Margaret, J.**; 13110 Briarcliff Terrace #610, German Town, MD 20874-2676 (US). **MAURER, Karl**; P.O. Box 1024, Ross, CA 94957 (US). **EARGLE, Dolan**; 49 Van Buren Way, San Francisco, CA 94131 (US). **MUSCATE, Angelika**; Herrenstrasse 4, D-79539 Loerach (DE). **LEAVITT, Andrew**; 4850-17th Street, San Francisco, CA 94117 (US). **ROE, Diana, C.**; 5206 Ramsgate Drive, Newark, CA 94560 (US). **EWING, Todd, J., A.**; 1800-10th Avenue #5, San Francisco, CA 94122 (US). **SKILLMAN, Allan, G., Jr.**; 149 Ripley Street, San Francisco, CA 94110 (US). **ARNOLD, Edward**; 91 Adams Drive, Belle Mead, NJ 08502 (US). **KUNTZ, Irwin, D.**; 55 Alameda Drive, Greenbrae, CA 94940 (US). **YOUNG, Malin**; 125 Behr Avenue, San Francisco, CA 94131 (US).
- (74) **SIEBERT, J., Suzanne** et al. / etc.; Majestic, Parsons, Siebert & Hsue P.C., Suite 1100, Four Embarcadero Center, 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).
- (11) **WO 98/50348** (13) A1
(21) PCT/US98/09389
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 60/045,931 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07C 311/29, A61K 31/18, C07D 213/42, C07F 9/40, C07D 211/60, 401/12, 233/54, 231/12, 405/12, 309/06, 211/34, 207/26, 261/08, 213/32, 211/20, 213/68, 413/12, 223/06, 403/12, A61K 31/44, 31/445**
(54) • METALLOPROTEINASE INHIBITORS, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR PHARMACEUTICAL USES
• INHIBITEURS DE METALLOPROTEASES, COMPOSITIONS PHARMACEUTIQUES CONTENANT ET LEURS UTILISATIONS PHARMACEUTIQUES
- (71) **AGOURON PHARMACEUTICALS, INC.** [US/US]; 10350 North Torrey Pines Road, La Jolla, CA 92037-1022 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BENDER, Steven, L.** [US/US]; 915 Reese Street, Oceanside, CA 92054 (US).
- (74) **GARRETT, Arthur, S.**; Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, DC 20005-3315 (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 98/50349** (13) A1
(21) PCT/US97/17244
(22) **25 Sep/sep 1997 (25.09.1997)**
(25) en (26) en
(31) 08/847,206 (32) **1 May/mai 1997 (01.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07C 311/48, 311/51, C07D 303/34, C07C 317/14**
(54) • FLUORINATED SULPHONAMIDE AND SULPHONE DERIVATIVES
• SULFAMIDE FLUORE ET DERIVES DE SULFONE
- (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **HAMROCK, Steven, J.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **PHAM, Phat, Tan**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SCHULTE, Daniel, C.** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO 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 98/50350** (13) A1
(21) PCT/US98/08172
(22) **23 Apr/avr 1998 (23.04.1998)**
(25) en (26) en
(31) 08/847,093 (32) **1 May/mai 1997 (01.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07C 319/14, 321/28**
(54) • ALKANETHIOLATION PROCESS
• PROCESS D'ALCANETHIOLATION
- (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). **EVERLY, Charles, R.**; 1431 Munal Drive, Baton Rouge, LA 70816 (US). **PARK, Won, S.**; 1411 Salisbury Drive, Baton Rouge, LA 70816 (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).
-
- (11) **WO 98/50351** (13) A1
(21) PCT/EP98/02654
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 97107495.0 (32) **7 May/mai 1997 (07.05.1997)** (33) EP
(34) AT et al. / etc.
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07C 323/60, C07D 213/40, 209/16, A61K 31/16, 31/27, 31/44, 31/40**
(54) • NEW CYSTEINE DERIVATIVES, PROCESSES FOR THEIR PRODUCTION, AND PHARMACEUTICALS CONTAINING THEM
• NOUVEAUX DERIVES DE CYSTEINE, LEURS PROCEDES DE PRODUCTION ET PRODUITS PHARMACEUTIQUES LES CONTENANT
- (71) **MAX-PLANCK-GESELLSCHAFT ZUR FÖRDERUNG DER WISSENSCHAFTEN E.V., BERLIN** [DE/DE]; Hofgartenstrasse 2, D-80539 München (DE).
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- (72, 75) **MÜLLER, Juliane, Constanze, Desirée** [DE/DE]; Talfeldstrasse 34, D-88400 Biberach (DE). **GRAF VON RÖDERN, Erich** [DE/DE]; Huttentalstrasse 20, D-63628 Bad Soden-Salmünster (DE). **MORODER, Luis** [IT/DE]; A. Flemingstrasse 10D, D-82152 Martinsried (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 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).

(11) **WO 98/50352** (13) A1

(21) PCT/GB98/01234

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

(25) en (26) en

(31) 9708903.1 (32) **2 May/mai 1997 (02.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 337/04, C07D 213/53, 333/22, 307/52, 213/61, 333/28, 207/32, 215/12, 271/06, A01N 47/42**

(54) ● DITHIOCARBAZONIC ACID DERIVATIVES AS PESTICIDES
● DERIVES D'ACIDE DITHIOCARBAZONIQUE UTILISES EN TANT QUE PESTICIDES

(71) **AGREVO UK LIMITED** [GB/GB]; Hauxton, Cambridge CB2 5HU (GB).
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(72, 75) **BRIGGS, Geoffrey, Gower** [GB/GB]; Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). **CORNELL, Clive, Leonard** [GB/GB]; Chesterford Park, Saffron Walden, Essex CB10 1XL (GB). **THOMAS, Peter, Stanley** [GB/GB]; Chesterford Park, Saffron Walden, Essex CB10 1XL (GB).

(74) **SEWELL, Richard, Charles**; AgrEvo UK Limited, Patent Dept., Chesterford Park, Saffron Walden, Essex CB10 1XL (GB).

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

(11) **WO 98/50353** (13) A1

(21) PCT/JP98/01979

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

(25) ja (26) ja

(31) 9/114695 (32) **2 May/mai 1997 (02.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 401/00, A61K 31/59**

(54) ● VITAMIN D₃ DERIVATIVES AND PROCESS FOR PRODUCING THE SAME
● DERIVES DE VITAMINE D₃ ET PROCEDE DE PRODUCTION

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihom-machi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-8587 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAKAYAMA, Hiroaki** [JP/JP]; Faculty of Pharmaceutical Sciences, Teikyo University, 1091-1, Suarashi, Sagamiko-machi, Tsukui-gun, Kanagawa 199-0166 (JP). **KONNO, Katsuhiko** [JP/JP]; Faculty of Pharmaceutical Sciences, Teikyo University, 1091-1, Suarashi, Sagamiko-machi, Tsukui-gun, Kanagawa 199-0166 (JP). **FUJISHIMA, Toshie** [JP/JP]; Faculty of Pharmaceutical Sciences, Teikyo University, 1091-1, Suarashi, Sagamiko-machi, Tsukui-gun, Kanagawa 199-0166 (JP).

(74) **MAEDA, Sumihiro**; Teijin Limited, Intellectual Property Dept., 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-8585 (JP).

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

(11) **WO 98/50354** (13) A1

(21) PCT/US98/08907

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,334 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07C 409/00, C08F 8/00**

(54) ● PROCESS FOR CROSS-LINKING THERMOPLASTIC POLYMERS AND CROSS-LINKING SYSTEM USED THEREIN
● PROCEDE ET SYSTEME DE RETICULATION DE POLYMERES THERMOPLASTIQUES

(71) **WITCO CORPORATION** [US/US]; One American Lane, Greenwich, CT 06831 (US).

(72) **BOCK, Lawrence, A.**; 1310 Tiffany Lane, Longview, TX 75604 (US). **LEWIS, Roger, N.**; 105 Northcastle Street, Longview, TX 75604 (US).

(74) **WITKOWSKI, Timothy, X.**; One American Lane, Greenwich, CT 06831 (US).

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

(11) **WO 98/50355** (13) A1

(21) PCT/EP98/02571

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

(25) de (26) de

(31) 197 18 706.4 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 201/08**

(54) ● METHOD FOR PRODUCING CYCLIC LACTAMS
● PROCEDE DE FABRICATION DE LACTAMES CYCLIQUES

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

(72, 75) **FUCHS, Eberhard** [DE/DE]; Bensheimer Ring 5c, D-67227 Frankenthal (DE). **FISCHER, Rolf** [DE/DE]; Bergstrasse 98, D-69121 Heidelberg (DE).

(74) **KINZEBACH, Werner** et al. / etc.; Reitstötter, Kinzebach & Partner, Sternwartstrasse 4, D-81679 München (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 98/50356** (13) A1

(21) PCT/US98/09017

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/045,838 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 60/046,868 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 60/049,324 (32) **11 Jun/juin 1997 (11.06.1997)** (33) US

(31) 60/050,413 (32) **20 Jun/juin 1997 (20.06.1997)** (33) US

(31) 60/050,412 (32) **20 Jun/juin 1997 (20.06.1997)** (33) US

(31) 60/050,977 (32) **20 Jun/juin 1997 (20.06.1997)** (33) US

(31) 60/059,381 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(31) 60/059,384 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(31) 60/059,336 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(31) 60/059,544 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(31) 60/059,677 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(31) 60/059,971 (32) **25 Sep/sep 1997 (25.09.1997)** (33) US

(31) 60/060,194 (32) **26 Sep/sep 1997 (26.09.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 207/09, 209/42, 211/02, 307/02**

(54) ● 2-INDOLINONE DERIVATIVES AS MODULATORS OF PROTEIN KINASE ACTIVITY
● DERIVES DE 2-INDOLINONE UTILISES EN TANT QUE MODULATEURS DE L'ACTIVITE DE LA PROTEINE KINASE

(71) **SUGEN, INC.** [US/US]; 351 Galveston Drive, Redwood City, CA 94063 (US).

(72) **TANG, Peng, Cho**; 827 Camino Ricardo, Moraga, CA 94556 (US). **SUN, Li**; 64 Rockharbor Lane, Foster City, CA 94404 (US). **McMAHON, Gerald**; 1800 Schultz Road, Kenwood, CA 95452 (US). **SHAWVER, Laura, Kay**; 216 Cotter Street, San Francisco, CA 94112 (US). **HIRTH, Klaus, Peter**; 334 Collingswood Street, San Francisco, CA 94114 (US).

(74) **ROSE, Bernard, F.** 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 98/50357** (13) A2

(21) PCT/US98/04669

(22) **6 Mar/mar 1998 (06.03.1998)**

(25) en (26) en

(31) 08/813,365 (32) **7 Mar/mar 1997 (07.03.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 209/00**

- (54) ● INDOLE-3-CARBINOL, DIINDOLYLME-
THANE AND SUBSTITUTED ANALOGS AS
ANTIESTROGENS
● INDOLE-3-CARBINOL, DIINDOLYLME-
THANE ET ANALOGUES SUBSTITUES
UTILISES COMME ANTI-OESTROGENES
- (71) **THE TEXAS A & M UNIVERSITY SYSTEM**
[US/US]; TAMUS Technology Licensing Office,
310 Wisenbaker Building, Mail Stop 3369, College
Station, TX 77843-3369 (US).
- (72) **SAFE, Stephen, F.**; Texas Veterinary Medical
Center, College Station, TX 77843-4466 (US).
- (74) **FULGHUM, Roger, F.**; One Shell Plaza, 910
Louisiana, Houston, TX 77002-4995 (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).
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 0526/97 (32) **6 May/mai 1997 (06.05.1997)** (33) DK
- (31) 60/045,722 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07D 211/46, 211/40, 211/94, C07H 7/06, A61K 31/445**
- (54) ● NOVEL HETEROCYCLIC COMPOUNDS
● NOUVEAUX COMPOSES HETEROCY-
CLIQUES
- (71) **NOVO NORDISK A/S** [DK/DK]; Novo Allé,
DK-2880 Bagsvaerd (DK).
(for all designated States except / pour tous les États
désignés sauf US)
- (72, 75) **KRISTIANSEN, Marit** [DK/DK]; Gus-
tav Esmanns Allé 2, DK-2860 Søborg (DK).
JAKOBSEN, Palle [DK/DK]; Langkær Vænge
14, DK-3500 Værløse (DK). **LUNDBECK, Jane,
Marie** [DK/DK]; Evas Allé 19, DK-2600 Glostrup
(DK). **SØKILDE, Birgitte** [DK/DK]; Birkegården
48, DK-3500 Værløse (DK). **LUNDGREN,
Karsten** [DK/DK]; N. Jespersensvej 25, DK-2000
Frederiksberg (DK).
- (74) **NOVO NORDISK A/S**; Corporate Patents, Novo
Allé, DK-2880 Bagsvaerd (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).
- (22) **21 Apr/avr 1998 (21.04.1998)**
- (25) en (26) en
- (31) 2,204,580 (32) **6 May/mai 1997 (06.05.1997)** (33) CA
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07D 213/16, 213/30, 213/61, 213/68, 213/79**
- (54) ● SYNTHESIS OF PHARMACEUTICALLY
USEFUL PYRIDINE DERIVATIVES
● SYNTHÈSE DE DERIVES DE LA PYRIDINE
UTILLES SUR LE PLAN PHARMACEUTIQUE
- (71) **PDI-RESEARCH LABORATORIES, INC.**
[CA/CA]; P.O. Box 433, Station A, Richmond
Hill, Ontario L4C 4Y8 (CA).
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désignés sauf US)
- (72, 75) **ZOGHBI, Michel** [CA/CA]; P.O. Box 433,
Station A, Richmond Hill, Ontario L4C 4Y8 (CA).
CHEN, Liquin [CA/CA]; P.O. Box 433, Station
A, Richmond Hill, Ontario L4C 4Y8 (CA).
- (74) **HUGHES, ETIGSON**; Suite 200, 175 Commerce
Valley Drive West, Thornhill, Ontario L3T 7P6
(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
US UZ VN YU ZW; AP (GH GM KE LS MW SD
SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ
TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50358** (13) A1
- (21) PCT/EP98/02262
- (22) **14 Apr/avr 1998 (14.04.1998)**
- (25) en (26) en
- (31) 9707829.9 (32) **18 Apr/avr 1997 (18.04.1997)** (33) GB
- (31) 9801882.3 (32) **29 Jan/jan 1998 (29.01.1998)** (33) GB
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07D 209/08, 401/12, 403/12, 417/12, 413/12, A61K 31/40**
- (54) ● INDOLE DERIVATIVES HAVING COM-
BINED 5HT_{1A}, 5HT_{1B} AND 5HT_{2D} RE-
CEPTOR ANTAGONIST ACTIVITY
● DERIVES INDOLIQUES A ACTIVITE DE RE-
CEPTEUR ANTAGONISTE 5HT_{1A}, 5HT_{1B},
5HT_{2D}
- (71) **SMITHKLINE BEECHAM PLC** [GB/GB]; New
Horizons Court, Brentford, Middlesex TW8 9EP
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(for all designated States except / pour tous les États
désignés sauf US)
- (72, 75) **GASTER, Laramie, Mary** [GB/GB]; (GB).
RAMI, Harshad, Kantilal [GB/GB]; (GB). **WY-
MAN, Paul, Adrian** [GB/GB]; SmithKline Bee-
cham Pharmaceuticals, New Frontiers Science Park
South, Third Avenue, Harlow, Essex CM19 5AW
(GB).
- (74) **WATERS, David, Martin**; SmithKline Beecham
plc, Corporate Intellectual Property, Two New
Horizons Court, Brentford, Middlesex TW8 9EP
(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).
- (11) **WO 98/50360** (13) A1
- (21) PCT/EP98/02678
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) M197A001064 (32) **8 May/mai 1997 (08.05.1997)** (33) IT
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07D 211/46, 211/58, 401/12, C08K 5/3435, 5/3492, C09D 7/12**
- (54) ● LIGHT-STABILIZED ORGANIC POLYMERS
● POLYMERES ORGANIQUES RENDUS
STABLES A LA LUMIERE
- (71) **GREAT LAKES CHEMICAL ITALIA S.R.L.**
[IT/IT]; Via Cornaggia, 10, I-20123 Milano (IT).
(for all designated States except / pour tous les États
désignés sauf US)
- (72, 75) **CRISCI, Luciana** [IT/IT]; Via S. Angelo,
75, I-20074 Graftignana (IT). **BROUSSARD, Fa-
bio** [IT/IT]; P.zza V. Veneto, 4, I-24060 Brus-
saporito (IT). **NERI, Carlo** [IT/IT]; Via Europa, 32,
I-20097 S. Donato M.se (IT). **ADOVASIO, Mauro**
[IT/IT]; Via G. Mattioli, 16/A, I-24129 Bergamo
(IT).
- (74) **FRANCK, Peter** et al. / etc.; Uexküll & Stolberg,
Beselerstrasse 4, D-22607 Hamburg (DE).
- (81) CA JP US; EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).
- (11) **WO 98/50362** (13) A1
- (21) PCT/US98/09146
- (22) **8 May/mai 1998 (08.05.1998)**
- (25) en (26) en
- (31) 60/046,072 (32) **9 May/mai 1997 (09.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07D 213/77, 213/61, C07B 39/00, A01N 43/40**
- (54) ● PREPARATION OF 2,5-DICHLORO-(3-
TRIFLUOROMETHYL)PYRIDINE
● PREPARATION DE 2,5-DICHLORO-3-
(TRIFLUOROMETHYL)PYRIDINE
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330
Zionsville Road, Indianapolis, IN 46268 (US).
- (72) **FUNG, Alexander, Paiyung**; 1941 Spring Lake
Drive, Martinez, CA 94553 (US). **TAI, Jimmy,
Jui**; 311 Seminole Court, Midland, MI 48642 (US).
RINGER, James, William; 2715 Colony Drive,
Midland, MI 48642 (US).
- (74) **OSBORNE, David, Wendell**; Dow Agrosciences
LLC, 9330 Zionsville Road, Indianapolis, IN 46268
(US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN
CZ DE DK EE ES FI GB GE HU ID IL IS JP KE
KG KR KZ LC LR LS LT LU LV MD MG MK
MN MW MX NO NZ PL PT RO RU SD SE SG
SI SK TJ TM TR TT UA UG UZ VN; AP (GH
GM KE LS MW SD SZ UG ZW); EA (AM AZ
BY KG KZ MD RU TJ TM); EP (AT BE CH CY
DE DK ES FI FR 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)
- (11) **WO 98/50359** (13) A1
- (21) PCT/DK98/00177
- (11) **WO 98/50361** (13) A2
- (21) PCT/CA98/00375
- (11) **WO 98/50363** (13) A1
- (21) PCT/EP98/02582
- (22) **27 Apr/avr 1998 (27.04.1998)**

(25) en (26) en
 (31) 9708805.8 (32) **1 May/mai 1997** (33) GB
 (01.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07D 217/04, 401/12, A61K 31/47**

(54) ● SUBSTITUTED TETRAHYDRO ISOQUINOLINES AS MODULATORS OF DOPAMINE D₃ RECEPTORS
 ● TETRAHYDRO ISOQUINOLINES SUBSTITUES UTILISES COMME MODULATEURS DES RECEPTEURS D₃ 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) **JOHNS, Amanda** [GB/GB]; (GB). **NASH, David, John** [GB/GB]; (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 98/50364** (13) A1

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

(25) en (26) en

(31) 9708976.7 (32) **3 May/mai 1997** (33) GB
 (03.05.1997)

(31) 9723294.6 (32) **4 Nov/nov 1997** (33) GB
 (04.11.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 217/04, A61K 31/435, C07D 401/12, 405/12, 409/12, 413/12, 487/04, 471/04, 495/04**

(54) ● TETRAHYDROISOQUINOLINE DERIVATIVES AS MODULATORS OF DOPAMINE D₃ RECEPTORS
 ● DERIVES DE TETRAHYDROISOQUINOLINE COMME MODULATEURS DES RECEPTEURS D₃ 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). **JOHNSON, Christopher, Norbert** [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 plc, Corporate Intellectual Property, Two New Horizons Court, Brentford, Middlesex TW8 9EP (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 98/50365** (13) A1

(21) PCT/AU98/00312

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) PO 6565 (32) **2 May/mai 1997** (33) AU
 (02.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 217/20, 217/24, 487/14, 491/147, A61K 31/47**

(54) ● PREPARATION OF FUSED POLYCYCLIC ALKALOIDS BY RING CLOSURE OF AZOMETHINE YLIDES, NOVEL COMPOUNDS THEREOF AND THEIR USE AS CHEMOTHERAPEUTIC AGENTS

● PREPARATION D'ALCALOIDES POLYCYCLIQUES FONDUS PAR FERMETURE DE CYCLE DES AZOMETHYNE YLIDES, NOUVEAUX COMPOSES DE CES DERNIERS ET UTILISATION DE CES DERNIERS COMME AGENTS CHIMIOThERAPEUTIQUES

(71) **THE AUSTRALIAN NATIONAL UNIVERSITY** [AU/AU]; Acton, ACT 2601 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BANWELL, Martin, Gerhardt** [AU/AU]; 6 Marawa Place, Aranda, ACT 2614 (AU). **FLYNN, Bernard, Luke** [AU/AU]; 103 Canberra Avenue, Griffith, ACT 2603 (AU).

(74) **HUGHES, E., John, L.** et al. / etc.; Davies Collision Cave, 1 Little Collins Street, Melbourne, VIC 3000 (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).

(11) **WO 98/50366** (13) A1

(21) PCT/EP98/02433

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 26 710.6 (32) **7 May/mai 1997** (33) DE
 (07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 231/20, A01N 43/56**

(54) ● SUBSTITUTED 4-(3-ALKENYL-BENZOYL)-PYRAZOLES
 ● 4-(3-ALKENYLE-BENZOYLE)-PYRAZOLS

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

(72, 75) **BAUMANN, Ernst** [DE/DE]; Falkenstrasse 6a, D-67373 Dudenhofen (DE). **VON DEYN, Wolfgang** [DE/DE]; An der Bleiche 24, D-67435 Neustadt (DE). **ENGEL, Stefan** [DE/DE]; Friedrich-Ebert-Strasse 13, D-65510 Idstein (DE). **HILL, Regina, Luise** [DE/DE]; Ziegelofenweg 40, D-67346 Speyer (DE). **KARDORFF, Uwe** [DE/DE]; D 3.4, D-68159 Mannheim (DE). **MAYER, Guido** [DE/DE]; Gutleuthausstrasse 8, D-67433 Neustadt (DE). **OTTEN, Martina** [DE/DE]; Gunterstrasse 28, D-67069 Ludwigshafen (DE). **RACK, Michael** [DE/DE]; Sandwingert 67, D-69123 Heidelberg (DE). **RHEINHEIMER, Joachim** [DE/DE]; Merziger Strasse 24, D-67063 Ludwigshafen (DE). **WITSCHEL, Matthias**

[DE/DE]; Wittelsbachstrasse 81, D-67061 Ludwigshafen (DE). **WESTPHALEN, Karl-Otto** [DE/DE]; Mausbergweg 58, D-67346 Speyer (DE). **MISSBLITZ, Ulf** [DE/DE]; Mandelring 74, D-67433 Neustadt (DE). **WALTER, Helmut** [DE/DE]; Grünstadter Strasse 82, D-67283 Obriheim (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 UZ; EA (AM AZ BY KG 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 98/50367** (13) A1

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

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(31) 60/046,858 (32) **8 May/mai 1997** (33) US
 (08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 231/56, C07C 309/66, 309/73**

(54) ● PROCESSES AND INTERMEDIATES FOR PREPARING SUBSTITUTED INDAZOLE DERIVATIVES

● PROCEDES ET PRODUITS INTERMEDIAIRES POUR LA PREPARATION DE DERIVES D'INDAZOLE SUBSTITUES

(71) **PFIZER PRODUCTS INC.** [US/US]; Eastern Point Road, Groton, CT 06340 (US).
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(72, 75) **CARON, Stephane** [CA/US]; Unit 509, 600 Meridian Street Extension, Groton, CT 06340 (US). **EISENBEIS, Shane, Allen** [US/US]; 3 Holly Court, Pawcatuck, CT 06379 (US).

(74) **SPIEGEL, Allen, J.** et al. / etc.; Pfizer Inc., Patent Dept., 235 East 42nd Street, 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50368** (13) A1

(21) PCT/JP98/01986

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

(25) en (26) en

(31) 9/113723 (32) **1 May/mai 1997** (33) JP
 (01.05.1997)

(31) 10/55303 (32) **6 Mar/mar 1998** (33) JP
 (06.03.1998)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 235/30, 235/14, A61K 31/415**

(54) ● BENZIMIDAZOLE DERIVATIVE
 ● DERIVE DE BENZIMIDAZOLE

(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) **TANIKAWA, Keizo** [JP/JP]; Nissan Chemical Industries, Ltd., Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-0062 (JP). **KAMIKAWAJI, Yoshimasa** [JP/JP]; Nissan Chemical Industries, Ltd., Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-0062 (JP). **HIROTSUKA, Mitsuaki** [JP/JP]; Nissan Chemical Industries, Ltd., Central Research Institute, 722-1, Tsuboi-cho, Funabashi-shi, Chiba 274-0062 (JP). **IWAMA, Takehisa** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, No. 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP). **YAMAMOTO, Akiko** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, No. 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP). **FUJITA, Yoichiro** [JP/JP]; Nissan Chemical Industries, Ltd., Seibutsukagaku Kenkyusho, No. 1470, Oaza-shiraoka, Shiraoka-machi, Minamisaitama-gun, Saitama 349-0218 (JP).

(74) **OGAWA, Toshiharu** et al. / etc.; Torimoto Kogyo Building, 38, Kanda-Higashimatsushitacho, Chiyoda-ku, Tokyo 101-0042 (JP).

(81) AL AU CA CN CZ HU IL KR LT LV MK MX NO NZ RO RU SI 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 98/50369** (13) A1

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(25) en (26) en

(31) 08/846,472 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 239/54, 405/06, C07C 271/10**

(54) ● IMPROVED METHOD FOR THE PREPARATION OF BENZYLURACILS
● PROCEDE AMELIORE POUR LA PREPARATION DE BENZYLURACILES

(71) **FMC CORPORATION** [US/US]; 1735 Market Street, Philadelphia, PA 19103 (US).

(72) **KONZ, Marvin, J.**; 1173 Dickinson Drive, Yardley, PA 19067 (US). **WENDT, Harvey, R.**; 303 Chairville Road #A, Southampton, NJ 08088 (US).

(74) **CALDWELL, John**; Woodcock Washburn Kurtz Mackiewicz & Norris, 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50370** (13) A1

(21) PCT/US98/09060

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,351 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(31) 60/060,152 (32) **26 Sep/sep 1997 (26.09.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 239/84, 239/94, 239/95, 403/04, A61K 31/505, C07D 409/12, 405/12, 401/12, 403/12, G01N 33/50**

(54) ● METHODS OF MODULATING SERINE/THREONINE PROTEIN KINASE FUNCTION WITH QUINAZOLINE-BASED COMPOUNDS

● PROCEDES DE MODULATION DE LA FONCTION PROTEINE KINASE DE LA FAMILLE SERINE/THREONINE AVEC DES COMPOSES A BASE DE QUINAZOLINE

(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) **TANG, Peng, C.** [US/US]; 827 Camino Ricardo, Moraga, CA 94556 (US). **MCMAHON, Gerald** [US/US]; 1414 Greenwich Street, San Francisco, CA 94109 (US). **WEINBERGER, Heinz** [DE/DE]; Am Holzweg 3, D-65843 Sulzbach (DE). **KUTSCHER, Bernhard** [DE/DE]; Stresenmannstrasse 9, D-63477 Maintal (DE). **APP, Harald** [US/US]; 630 27th Street, San Francisco, CA 94131 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 9/118231 (32) **8 May/mai 1997 (08.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 249/20, C09K 3/00, C08K 5/3475, C08F 220/36, C08L 33/14, C09D 133/14**

(54) ● 2,2'-BIS(6-BENZOTRIAZOLYLPHENOL) COMPOUNDS, ULTRAVIOLET ABSORBERS COMPRISING THE SAME, COPOLYMERS CONTAINING THE SAME, AND POLYMER COMPOSITIONS CONTAINING THE SAME

● COMPOSES DE 2,2'-BIS(6-BENZOTRIAZOLYLPHENOL), ABSORBEURS UV LES CONTENANT, COPOLYMERES LES CONTENANT ET COMPOSITIONS POLYMERES LES CONTENANT

(71) **OTSUKA CHEMICAL CO., LTD.** [JP/JP]; 2-27, Otedori 3-chome, Chuo-ku, Osaka-shi, Osaka 540-0021 (JP).
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(72, 75) **NAKANO, Shinji** [JP/JP]; Koporasukoku 2-A, 487, Sumiyoshi, Matsushige-cho, Itano-gun, Tokushima 771-0218 (JP). **DAIMON, Emiko** [JP/JP]; Daini Masuya Manshon 310, 5, Aza Nibangoshi, Hiroshima, Matsushige-cho, Itano-gun, Tokushima 771-0220 (JP). **YAMAMOTO, Minoru** [JP/JP]; Roiyaruhaitsu Katajima 450, 36-2, Aza Myojaike, Ejiri, Kitajima-cho, Itano-gun, Tokushima 771-0205 (JP). **AKADA, Mitsuo** [JP/JP]; 245-43, Aza Gune, Nakagirai, Matsushige-cho, Itano-gun, Tokushima 771-0212 (JP).

(74) **SAEGUSA, Eiji** et al. / etc.; Kitahama TNK Building, 1-7-1, Doshomachi, Chuo-ku, Osaka-shi, Osaka 541-0045 (JP).

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

(11) **WO 98/50372** (13) A1

(21) PCT/DE98/01241

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

(25) de (26) de

(31) 197 20 155.5 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 265/36, 265/34, 279/16, A61K 31/535**

(54) ● SUBSTITUTED HETEROCYCLES AND THEIR USE IN MEDICATIONS

● HETEROCYCLIQUES SUBSTITUES ET LEUR UTILISATION DANS DES MEDICAMENTS

(71) **SCHERING AKTIENGESELLSCHAFT** [DE/DE]; Müllerstrasse 178, D-13353 Berlin (DE).
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(72, 75) **HÖLSCHER, Peter** [DE/DE]; Rathenower Strasse 52, D-10559 Berlin (DE). **REHWINKEL, Hartmut** [DE/DE]; Glasower Strasse 41, D-12051 Berlin (DE). **SUELZLE, Detlev** [DE/DE]; Schildhorn Strasse 22, D-12163 Berlin (DE). **BURTON, Gerardine** [GB/DE]; Seegfelder Weg 235, D-13591 Berlin (DE). **HILLMANN, Margrit** [DE/DE]; Grünlandweg 3a, D-13437 Berlin (DE). **PRIBILLA, Iris** [DE/DE]; Insterburgallee 22, D-14055 Berlin (DE). **DAVEY, David, Daniel** [US/US]; Painted Pony Road 3813, El Sobrante, CA 94803 (US).

(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 98/50373** (13) A1

(21) PCT/EP98/02378

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

(25) de (26) de

(31) 197 19 053.7 (32) **6 May/mai 1997 (06.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 277/48, A61K 31/425, C07D 417/12, 417/14**

(54) ● SUBSTITUTED AMINOTHIAZOLES AND THE USE THEREOF AS ACTIVE ANTIMICROBIAL SUBSTANCES

● AMINOTHIAZOLES SUBSTITUES ET LEUR UTILISATION COMME PRINCIPES ACTIFS ANTIMICROBIENS

(71) **BAYER AKTIENGESELLSCHAFT** [DE/DE]; D-51368 Leverkusen (DE).
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(72, 75) **BAASNER, Bernd** [DE/DE]; Wagnerstrasse 83, D-51467 Bergisch Gladbach (DE). **MATZKE, Michael** [DE/DE]; Am Ringelbusch 15, D-42113 Wuppertal (DE). **MILITZER, Hans-Christian** [DE/DE]; Hebborner Feld 18, D-51467 Bergisch

Gladbach (DE). **SCHALLER, Klaus** [DE/DE]; Am Sonnenschein 38, D-42109 Wuppertal (DE). **LABISCHINSKI, Harald** [DE/DE]; Am Bredtchen 80, D-42109 Wuppertal (DE). **ENDERMANN, Rainer** [DE/DE]; In den Birken 152a, D-42113 Wuppertal (DE). **WERLING, Hans-Otto** [DE/DE]; In den Birken 92c, 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 98/50374** (13) A2

(21) PCT/EP98/02681

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/851,105 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(31) 08/900,794 (32) **25 Jul/juillet 1997 (25.07.1997)** (33) US

(31) 09/060,375 (32) **15 Apr/avr 1998 (15.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 301/00**

(54) ● EPOXIDATION PROCESS USING IMPROVED HETEROGENEOUS CATALYST COMPOSITION

● PROCÉDE D'EPOXYDATION METTANT EN OEUVRE UNE COMPOSITION DE CATALYSEUR HETEROGENE PERFECTIONNEE

(71) **ARCO CHEMICAL TECHNOLOGY, L.P.** [US/US]; Two Greenville Crossing, Suite 238, 4001 Kennett Pike, Greenville, DE 19807 (US). (for all designated States except / pour tous les États désignés sauf MN)

(71) **ARCO CHEMIE TECHNOLOGIE NEDERLAND B.V.** [NL/NL]; Theemsweg 14, NL-3197 KM Botlek Rotterdam (NL). (only for / seulement pour MN)

(72) **HAN, Yuan-Zhang**; 235 Oxford Road, West Chester, PA 19380 (US). **CARROLL, Kevin, M.**; 511 Kathmere Road, Havertown, PA 19083 (US). **MORALESE, Edrick**; B-39, 1518 Manley Road, West Chester, PA 19382 (US). **GASTINGER, Robert, G.**; 904 Thistle Lane, West Chester, PA 19380 (US).

(74) **SMAGGASGALE, Gillian, Helen**; Mathys & Squire, 100 Gray's 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50375** (13) A1

(21) PCT/EP98/02673

(22) **6 May/mai 1998 (06.05.1998)**

(25) de (26) de

(31) 197 19 375.7 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 301/08**

(54) ● METHOD AND REACTOR FOR PRODUCING ETHYLENE OXIDE

● PROCÉDE ET REACTEUR POUR LA FABRICATION D'OXYDE D'ETHYLENE

(71) **LINDE AKTIENGESELLSCHAFT** [DE/DE]; Abraham-Lincoln-Strasse 21, D-65189 Wiesbaden (DE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HEISEL, Michael** [DE/DE]; Gistlstrasse 54, D-82049 Pullach (DE).

(74) **LINDE AKTIENGESELLSCHAFT**; Abraham-Lincoln-Strasse 21, D-65189 Wiesbaden (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).

(11) **WO 98/50376** (13) A1

(21) PCT/EP98/02421

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

(25) en (26) en

(31) 08/850,983 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 301/12**

(54) ● EPOXIDATION PROCESS USING A PHOSPHATE-STABILIZED PEROXOTUNGSTATE COMPOUND AS CATALYST

● PROCÉDE D'EPOXYDATION A L'AIDE D'UN COMPOSE DE PEROXOTUNGSTATE STABILISE AU PHOSPHATE, UTILISE COMME CATALYSEUR

(71) **ARCO CHEMICAL TECHNOLOGY, L.P.** [US/US]; Suite 238, Two Greenville Crossing, 4001 Kennett Pike, Greenville, DE 19807 (US). (for all designated States except / pour tous les États désignés sauf MN)

(71) **ARCO CHEMIE TECHNOLOGIE NEDERLAND B.V.** [NL/NL]; Theemsweg 14, 3197 KM Botlek Rotterdam (NL). (only for / seulement pour MN)

(72) **PO-SUM SHUM, Wilfred**; 2603 Winterbridge Lane, West Chester, PA 19382 (US).

(74) **SMAGGASGALE, Gillian, Helen**; Mathys & Squire, 100 Gray's 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50377** (13) A1

(21) PCT/EP98/02448

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

(25) de (26) de

(31) 197 26 711.4 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 305/12, 305/10, 305/08, 303/32, C07F 9/655, C07D 493/10, C07F 7/08, A01N 43/04**

(54) ● SUBSTITUTED 2-BENZOYL-CYCLOHEXANE-1,3-DIONES

● 2-BENZOYLE-CYCLOHEXANE-1,3-DIONES SUBSTITUEES

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

(72, 75) **ENGEL, Stefan** [DE/DE]; Friedrich-Ebert-Strasse 13, D-65510 Idstein (DE).

BAUMANN, Ernst [DE/DE]; Falkenstrasse 6a, D-67373 Dudenhofen (DE). **VON DEYN, Wolfgang** [DE/DE]; An der Bleiche 24, D-67435 Neustadt (DE). **HILL, Regina, Luise** [DE/DE]; Ziegelofenweg 40, D-67346 Speyer (DE).

KARDORFF, Uwe [DE/DE]; D 3.4, D-68159 Mannheim (DE). **MAYER, Guido** [DE/DE]; Gutleuthausstrasse 8, D-67433 Neustadt (DE).

OTTEN, Martina [DE/DE]; Gunterstrasse 28, D-67069 Ludwigshafen (DE). **RHEINHEIMER, Joachim** [DE/DE]; Merziger Strasse 24, D-67063 Ludwigshafen (DE). **WAGNER, Oliver** [DE/DE]; Rossinistrasse 7, D-67061 Ludwigshafen (DE). **WITSCHEL, Matthias** [DE/DE]; Wittelsbachstrasse 81, D-67061 Ludwigshafen (DE). **MISSLITZ, Ulf** [DE/DE]; Mandelring 74, D-67433 Neustadt (DE). **WALTER, Helmut** [DE/DE]; Grünstadter Strasse 82, D-67283 Obrigheim (DE). **WESTPHALEN, Karl-Otto** [DE/DE]; Mausbergweg 58, D-67346 Speyer (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 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)

(11) **WO 98/50378** (13) A1

(21) PCT/CA98/00401

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 2,204,197 (32) **1 May/mai 1997 (01.05.1997)** (33) CA

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 305/14**

(54) ● PROCESS FOR CONVERTING 9-DIHYDRO-13-ACETYLBACCATIN III INTO TAXOL AND DERIVATIVES THEREOF

● PROCÉDE DE CONVERSION DE LA 9-DIHYDRO-13-ACETYLBACCATINE III EN TAXOL ET SES DERIVES

(71, 72) **LIU, Jian** [CA/CA]; 470 Cherry Avenue, Fredericton, New Brunswick E3A 5N9 (CA).

(74) **SEABY & MACLEAN**; 603-880 Wellington Street, Ottawa, Ontario K1R 6K7 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50379** (13) A1

(21) PCT/EP98/02622

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 19 387.0 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 405/10, A01N 43/56, C07D 493/04, 303/38, 305/06 // (C07D 493/04, 305:00, 305:00)**

(54) ● SUBSTITUTED 4-BENZOYL-PYRAZOLES
● 4-BENZOYLE-PYRAZOLS SUBSTITUES

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

(72, 75) **ENGEL, Stefan** [DE/DE]; Koelerstrasse 8, D-55286 Wörrstadt (DE). **BAUMANN, Ernst** [DE/DE]; Falkenstrasse 6a, D-67373 Dudenhofen (DE). **VON DEYN, Wolfgang** [DE/DE]; An der Bleiche 24, D-67435 Neustadt (DE). **HILL, Regina, Luise** [DE/DE]; Ziegelofenweg 40, D-67346 Speyer (DE). **KARDORFF, Uwe** [DE/DE]; D 3.4, D-68159 Mannheim (DE). **MAYER, Guido** [DE/DE]; Gutleuthausstrasse 8, D-67433 Neustadt (DE). **OTTEN, Martina** [DE/DE]; Gunterstrasse 28, D-67069 Ludwigshafen (DE). **RHEINHEIMER, Joachim** [DE/DE]; Merziger Strasse 24, D-67063 Ludwigshafen (DE). **WAGNER, Oliver** [DE/DE]; Rossinistrasse 7, D-67061 Ludwigshafen (DE). **WITSCHEL, Matthias** [DE/DE]; Wittelsbachstrasse 81, D-67061 Ludwigshafen (DE). **MISSLITZ, Ulf** [DE/DE]; Mandelring 74, D-67433 Neustadt (DE). **WALTER, Helmut** [DE/DE]; Grünstadter Strasse 82, D-67283 Obrigheim (DE). **WESTPHALEN, Karl-Otto** [DE/DE]; Mausbergweg 58, D-67346 Speyer (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 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).

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(11) **WO 98/50380** (13) A1

(21) PCT/SE98/00792

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

(25) en (26) en

(31) 9701682-8 (32) **5 May/mai 1997 (05.05.1997)** (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 409/12, A61K 31/47**

(54) ● COMPOUNDS
● COMPOSES

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACDONALD, James** [US/US]; Astra Arcus USA, Inc., P.O. Box 20890, Rochester, NY

14603 (US). **MATZ, James** [US/US]; Astra Arcus USA, Inc., Rochester, NY 14603 (US). **SHAKESPEARE, William** [US/US]; 7 Derby Street, Framingham, MA 01701 (US).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (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 98/50381** (13) A1

(21) PCT/FR98/00887

(22) **4 May/mai 1998 (04.05.1998)**

(25) fr (26) fr

(31) 97/05539 (32) **6 May/mai 1997 (06.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 413/04, 413/14, A61K 31/41, 31/445**

(54) ● 3-(PYRROLIDIN-3-YL)-1,3,4-OXADIAZOL-2(3H)-ONE DERIVATIVES AND THEIR USE AS 5-HT4 LIGANDS
● DERIVES DE 3-(PYRROLIDIN-3-YL)-1,3,4-OXADIAZOL-2(3H)-ONE ET LEUR UTILISATION COMME LIGANDS 5-HT4

(71) **SYNTHELABO** [FR/FR]; 22, avenue Galilée, F-92350 Le Plessis Robinson (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LOCHEAD, Alistair** [GB/FR]; 95, rue de Paris, F-94220 Charenton (FR). **JEGHAM, Samir** [TN/FR]; 65, rue du Lieutenant Colonel Prudhon, F-95100 Argenteuil (FR). **JEUNESSE, Jean** [FR/FR]; 14, avenue Jules Valles, F-94500 Champigny sur Marne (FR). **NEDELEC, Alain** [FR/FR]; 97, rue Victor Hugo, F-92700 Colombes (FR).

(74) **LUDWIG, Jacques**; Synthélabo, 22, avenue Galilée, F-92350 Le Plessis Robinson (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 98/50382** (13) A1

(21) PCT/SE98/00785

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

(25) en (26) en

(31) 9701681-0 (32) **5 May/mai 1997 (05.05.1997)** (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 413/12, A61K 31/55**

(54) ● AMIDINE DERIVATIVES AS INHIBITORS OF NITRIC OXIDE SYNTHASE
● DERIVES D'AMIDINE UTILISES COMME INHIBITEURS DE MONOXYDE D'AZOTE SYNTHASE

(71) **ASTRA AKTIEBOLAG** [SE/SE]; S-151 85 Södertälje (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACDONALD, James** [US/US]; Astra Arcus USA, Inc., P.O. Box 20890, Rochester, NY 14603 (US). **MATZ, James** [US/US]; Astra Arcus USA, Inc., P.O. Box 20890, Rochester, NY 14603 (US). **SHAKESPEARE, William** [US/US]; 7 Derby Street, Framingham, MA 01701 (US).

(74) **ASTRA AKTIEBOLAG**; Patent Dept., S-151 85 Södertälje (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 98/50383** (13) A1

(21) PCT/FR98/00886

(22) **4 May/mai 1998 (04.05.1998)**

(25) fr (26) fr

(31) 97/05537 (32) **6 May/mai 1997 (06.05.1997)** (33) FR

(31) 97/05538 (32) **6 May/mai 1997 (06.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 453/02, 271/113, 413/06, 413/04, 413/14, 451/02, A61K 31/435, 31/41, 31/445, 31/47, 31/46, 31/55, 31/495**

(54) ● 5-PHENYL-1,3,4-OXADIAZOL-2(3H)-ONE DERIVATIVES AND THEIR USE AS 5-HT4 LIGANDS
● DERIVES DE 5-PHENYL-1,3,4-OXADIAZOL-2(3H)-ONE ET LEUR UTILISATION COMME LIGANDS 5-HT4

(71) **SYNTHELABO** [FR/FR]; 22, avenue Galilée, F-92350 Le Plessis Robinson (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JEGHAM, Samir** [TN/FR]; 65, rue du Lieutenant Colonel Prudhon, F-95100 Argenteuil (FR). **LOCHEAD, Alistair** [GB/FR]; 95, rue de Paris, F-94220 Charenton (FR). **NEDELEC, Alain** [FR/FR]; 97, rue Victor Hugo, F-92700 Colombes (FR). **GALLI, Frédéric** [FR/FR]; 3, résidence de l'Orangerie, F-78170 La Celle Saint Cloud (FR). **GALLEZ, Thierry** [FR/FR]; 105, boulevard de Palaiseau, F-91120 Palaiseau (FR).

(74) **LUDWIG, Jacques**; Synthélabo, 22, avenue Galilée, F-92350 Le Plessis Robinson (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)

(11) **WO 98/50384** (13) A1

(21) PCT/GB98/01167

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

(25) en (26) en

- (31) 9708945.2 (32) **1 May/mai 1997** (33) GB
(01.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07D 471/14, 471/04, A61K 31/435 // (C07D 471/14, 223:00, 221:00, 221:00) (C07D 471/04, 223:00, 221:00) (C07D 471/14, 221:00, 221:00, 209:00) (C07D 471/14, 221:00, 221:00, 221:00)**

- (54) ● TRICYCLIC PYRIDONE ANALOGUES AS GABA-A RECEPTOR LIGANDS
- ANALOGUES DE PYRIDONE TRICYCLIQUE UTILISES COMME LIGANDS DE RECEPTEURS GABA-A

- (71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **HARRISON, Timothy** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **MOYES, Christopher, Richard** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **NADIN, Alan** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **OWENS, Andrew, Pate** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **LEWIS, Richard, Thomas** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

- (74) **THOMPSON, John**; 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).

(11) **WO 98/50385** (13) A1

(21) PCT/GB98/01307

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 9709368.6 (32) **8 May/mai 1997** (33) GB
(08.05.1997)

(31) 9714508.0 (32) **10 Jul/juillet 1997** (33) GB
(10.07.1997)

(31) 9723741.6 (32) **11 Nov/nov 1997** (33) GB
(11.11.1997)

(31) 9803992.8 (32) **25 Feb/février 1998** (33) GB
(25.02.1998)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 487/04, A61K 31/50**

- (54) ● SUBSTITUTED 1,2,4-TRIAZOLO[3,4-a]PHthalazine DERIVATIVES AS GABA ALPHA 5 LIGANDS
- DERIVES DE 1,2,4-TRIAZOLO[3,4-a]PHthalazine SUBSTITUES COMME LIGANDS DE GABA ALPHA 5

- (71) **MERCK SHARP & DOHME LIMITED** [GB/GB]; Hertford Road, Hoddesdon, Hertfordshire EN11 9BU (GB).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **CARLING, William, Robert** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **LADDUWAHETTY, Tamara** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **MACLEOD, Angus, Murray** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **MERCHANT,**

Kevin, John [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **MOORE, Kevin, William** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **STERNFELD, Francine** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB). **STREET, Leslie, Joseph** [GB/GB]; Terlings Park, Eastwick Road, Harlow, Essex CM20 2QR (GB).

- (74) **COLE, Gwyn**; 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).

(11) **WO 98/50386** (13) A1

(21) PCT/CA98/00425

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

(25) en (26) en

(31) 08/852,326 (32) **7 May/mai 1997** (33) US
(07.05.1997)

(31) 08/918,840 (32) **26 Aug/août 1997** (33) US
(26.08.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 487/22, A61K 39/395**

- (54) ● A NEW CLASS OF BENZOPORPHYRIN DERIVATIVE PHOTOACTIVE COMPOUNDS
- NOUVELLE CLASSE DE COMPOSES PHOTO-ACTIFS DERIVES DE LA BENZOPORPHYRINE

- (71) **QLT PHOTOTHERAPEUTICS, INC.** [CA/CA]; 520 West 6th Avenue, Vancouver, British Columbia V5Z 4H5 (CA). **THE UNIVERSITY OF BRITISH COLUMBIA** [CA/CA]; 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).

- (72) **STERNBERG, Ethan**; 3837 West 4th Avenue, Vancouver, British Columbia V6R 1P8 (CA). **DOLPHIN, David**; 4464 West 12th Avenue, Vancouver, British Columbia V6R 2R2 (CA). **LEVY, Julia, G.**; 1490 Pennyfarthing Drive #601, Vancouver, British Columbia V6J 4Z3 (CA). **RICHTER, Anna, M.**; PH1-5775 Toronto Road, Vancouver, British Columbia V6T 1X4 (CA). **TOVEY, Andrew**; 1251 West 71st Street #401, Vancouver, British Columbia V6P 3A9 (CA).

- (74) **ROBINSON, Christopher, J.**; Fetherstonhaugh & Co., Suite 2200, 650 West Georgia Street, P.O. Box 11560, Vancouver, British Columbia V6B 4N8 (CA).

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

(11) **WO 98/50387** (13) A1

(21) PCT/CA98/00468

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/852,494 (32) **7 May/mai 1997** (33) US
(07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 487/22, A61K 51/00, 41/00, 51/04, 51/10 // (C07D 487/22, 257:00, 209:00, 209:00, 209:00, 209:00)**

- (54) ● ETHYLENE GLYCOL ESTERS OF MONO-HYDROBENZOPORPHYRIN DERIVATIVES AS PHOTOACTIVE AGENTS

- ESTERS D'ETHYLENEGLYCOL DE DERIVES DE MONOHYDROBENZOPORPHYRINE UTILISES COMME AGENTS PHOTOSENSIBLES

- (71) **QLT PHOTOTHERAPEUTICS, INC.** [CA/CA]; 520 West 6th Avenue, Vancouver, British Columbia V5Z 4H5 (CA). **THE UNIVERSITY OF BRITISH COLUMBIA** [CA/CA]; 2194 Health Sciences Mall, Vancouver, British Columbia V6T 1Z3 (CA).

- (72) **STERNBERG, Ethan**; 3837 West 4th Avenue, Vancouver, British Columbia V6R 1P8 (CA). **DOLPHIN, David**; 4464 West 12th Avenue, Vancouver, British Columbia V6R 1P8 (CA). **LEVY, Julia, G.**; #601 - 1490 Pennyfarthing Drive, Vancouver, British Columbia V6J 4Z3 (CA). **RICHTER, Anna, M.**; PH1 - 5775 Toronto Road, Vancouver, British Columbia V6T 1X4 (CA). **HUNT, David, W., C.**; 886 Habgood Street, White Rock, British Columbia V4B 4W3 (CA). **ASHOK, Jain**; #209 - 2150 Brunswick Street, Vancouver, British Columbia V5T 3L5 (CA).

- (74) **ROBINSON, J., Christopher** et al. / etc.; Fetherstonhaugh & Co., Suite 2200, Box 11560, 650 West Georgia Street, Vancouver, British Columbia V6B 4N8 (CA).

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

(11) **WO 98/50388** (13) A1

(21) PCT/IB98/00654

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

(25) fr (26) fr

(31) 97/05544 (32) **6 May/mai 1997** (33) FR
(06.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07D 498/10, G03C 1/685, G02B 1/04 // (C07D 498/10, 265:00, 209:00)**

- (54) ● NOVEL PHOTOCROMIC SPIROOXAZINE COMPOUNDS, THEIR USE IN OPHTHALMIC OPTICS

- NOUVEAUX COMPOSES PHOTOCROMIQUES SPIROOXAZINES, LEUR UTILISATION DANS LE DOMAINE DE L'OPTIQUE OPHTHALMIQUE

- (71) **TRANSITIONS OPTICAL INC.** [US/US]; 9251 Belcher Road, Pinellas Park, FL 34664-0700 (US).

- (72) **CHAMONTIN, Karine**; 101, avenue de la Timone, F-13010 Marseille (FR). **LOKSHIN, Vladimir**; HLM Luminy Bâtiment H43, 45, avenue de Luminy, F-13009 Marseille (FR). **SAMAT, André**; 72, chemin de la Grave, F-13013 Marseille (FR). **GUGLIELMETTI, Robert**; Résidence les Ateliers, Bâtiment B3, Boulevard des Ateliers, F-13009 Marseille (FR).

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

(11) **WO 98/50389** (13) A1

(21) PCT/JP98/00238

(22) **22 Jan/jan 1998 (22.01.1998)**

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(31) 9/113855 (32) **1 May/mai 1997** (33) JP
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(31) 9/248156 (32) **12 Sep/sep 1997** (33) JP
(12.09.1997)

- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07F 5/06, B01J 31/12, C07C 41/03, C07H 1/00**
- (54) ● ALUMINUM COMPOUNDS AND USE THEREOF
● COMPOSES D'ALUMINIUM ET LEUR UTILISATION
- (71) **KAO CORPORATION** [JP/JP]; 14-10, Nihonbashikayabacho 1-chome, Chuo-ku, Tokyo 103 (JP). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OKUTSU, Munchisa** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640 (JP). **KITSUKI, Tomohito** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640 (JP). **KITA, Katsumi** [JP/JP]; Kao Corporation, Research Laboratories, 1334, Minato, Wakayama-shi, Wakayama 640 (JP).
- (74) **ARUGA, Mitsuyuki** et al. / etc.; Kyodo Building, 3-6, Nihonbashingocho 1-chome, Chuo-ku, Tokyo 103 (JP).
- (81) US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50390** (13) A1
- (21) PCT/EP98/02260
- (22) **14 Apr/avr 1998 (14.04.1998)**
- (25) en (26) en
- (31) 08/850,312 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07F 9/38**
- (54) ● FORMATION OF 1-PHENYLVINYLL-1-PHOSPHONIC ACID
● FORMATION D'ACIDE 1-PHENYLVINYLL-1-PHOSPHONIQUE
- (71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
- (72) **GRECO, Carl, C.**; 53 Main Street, Garnerville, NY 10923 (US). **TOMKO, John**; 200 Beacon Hill Drive #4C-1, Dobbs Ferry, NY 10522 (US).
- (74) **SCHALKWIJK, Pieter, Cornelis**; Akzo Nobel N.V., Patent Dept. (Dept. APTA), P.O. Box 9300, NL-6800 SB Arnhem (NL).
- (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 98/50391** (13) A1
- (21) PCT/US98/08814
- (22) **4 May/mai 1998 (04.05.1998)**
- (25) en (26) en
- (31) 60/045,825 (32) **5 May/mai 1997 (05.05.1997)** (33) US
- (31) 09/082,905 (32) **1 May/mai 1998 (01.05.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07F 9/38**
- (54) ● METHOD FOR PREPARING FORMYLPHOSPHONIC ACID
● PROCEDE DE PREPARATION DE L'ACIDE FORMYLPHOSPHONIQUE
- (71) **MONSANTO COMPANY** [US/US]; 800 North Lindbergh Boulevard, St. Louis, MO 63167 (US).

- (72) **FRANCZYK, Thaddeus, S.**; 12235 Spring Place Court, Maryland Heights, MO 63043 (US).
- (74) **HEJLEK, Edward, J.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, Saint Louis, MO 63102 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50392** (13) A1
- (21) PCT/CA98/00428
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 2,204,803 (32) **8 May/mai 1997 (08.05.1997)** (33) CA
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07F 9/6568, 17/00, C08F 10/00**
- (54) ● PROCESS TO PREPARE BRIDGED PHOSPHOLE-CYCLOPENTADIENYL COMPOUNDS
● PROCEDE DE PREPARATION DE COMPOSES PHOSPHOLE-CYCLOPENTADIENYLE PONTES

- (71) **NOVA CHEMICALS (INTERNATIONAL) S.A.** [CH/CH]; Route de la Glâne 107, P.O. Box 76, CH-1752 Villars-sur-Glâne 1 (CH). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SPENCE, Rupert, Edward, von Haken** [GB/CA]; 401 - 11 Street N.W., Calgary, Alberta T2N 1X5 (CA). **GAO, Xiaoliang** [CA/CA]; 6 Varmoor Place N.W., Calgary, Alberta T3A 0A1 (CA). **KOCH, Linda** [CA/CA]; 409, 5204 Dalton Drive N.W., Calgary, Alberta T3A 3H1 (CA). **BROWN, Stephen, John** [CA/CA]; 157 Mount Sparrowhawk Place S.E., Calgary, Alberta T2Z 2G7 (CA). **HARRISON, Daryll, G.** [CA/CA]; 619 Oakridge Way S.W., Calgary, Alberta T2V 1T7 (CA). **WANG, Qinyan** [CN/CA]; Apartment 4, 1831 - 14 Avenue N.E., Calgary, Alberta T2E 1G7 (CA).
- (74) **CHISHOLM, P., Scott** et al. / etc.; Nova Chemicals Ltd., 2928 - 16 Street N.E., Calgary, Alberta T2E 7K7 (CA).

- (81) AL AM AT AU AZ BA BG BR BY CH CN CU CZ DE DK EE ES FI GB GE GH HU ID IL JP KE KG KP KR KZ LK LT LV MX NO NZ PL PT RO RU SD SG SI SK TJ TM TR 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).

- (11) **WO 98/50393** (13) A1
- (21) PCT/IB98/00680
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) en (26) en
- (31) PCT/IB97/00518 (32) **7 May/mai 1997 (07.05.1997)** (33) WO
- (34) AU et al. / etc.
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07F 15/00, 13/00, 15/02, C09B 57/10, H01G 9/20**

- (54) ● METAL COMPLEX PHOTOSENSITIZER AND PHOTOVOLTAIC CELL
● COMPLEXE METALLIQUE PHOTOSENSIBILISANT ET CELLULE PHOTOVOLTAIQUE
- (71) **ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE** [CH/CH]; DPR-Ecublens, CH-1015 Lausanne (CH). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **GRÄTZEL, Michael** [DE/CH]; Chemin du Marquisat 7a, CH-1025 Saint-Sulpice (CH). **NAZEERUDDIN, Mohammad, Khaja** [IN/CH]; Chemin de la Chiésaz 9, CH-1024 Ecublens (CH). **PÉCHY, Péter** [HU/CH]; Avenue Victor-Ruffly 17, CH-1012 Lausanne (CH).
- (74) **GANGUILLET, Cyril**; ABREMA Agence Brevets et Marques Ganguillet & Humphrey, Avenue du Théâtre 16, Case postale 2065, CH-1002 Lausanne (CH).
- (81) AU JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50394** (13) A1
- (21) PCT/FR98/00847
- (22) **28 Apr/avr 1998 (28.04.1998)**
- (25) fr (26) fr
- (31) 97/05674 (32) **7 May/mai 1997 (07.05.1997)** (33) FR
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07F 15/02, 15/06, 19/00, A61K 31/28**
- (54) ● NITRIC OXIDE CARRIERS BASED ON POLYAZAMACROCYCLE COMPLEXES
● TRANSPORTEURS DE NO A BASE DE COMPLEXES POLYAZAMACROCYCLES
- (71) **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE** [FR/FR]; 75, quai d'Orsay, F-75321 Paris Cedex 07 (FR). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TABARD, Alain** [FR/FR]; 26, impasse Girard de Propiac, F-21000 Dijon (FR). **SIRI, Olivier** [FR/FR]; 18, rue Fèvet, F-21000 Dijon (FR). **COCOLIOS, Panayotis** [FR/FR]; 92, rue de l'Acquisition, F-78030 Bullion (FR). **GUILARD, Roger** [FR/FR]; 48, rue du Cottage, F-21121 Fontaine les Dijon (FR).
- (74) **L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE**; 75, quai d'Orsay, F-75321 Paris Cedex 07 (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 MD 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 98/50395** (13) A1
- (21) PCT/EP98/02671
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) de (26) de
- (31) 197 19 103.7 (32) **6 May/mai 1997 (06.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07F 17/00, C08F 10/00**

- (54) ● STEREORIGID METALLOCENE COMPOUNDS
● COMPOSES METALLOCENES STEREORIGIDES

(71) **TARGOR GMBH** [DE/DE]; Rheinstrasse 4G, D-55116 Mainz (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KAMINSKY, Walter** [DE/DE]; Buschweg 52, D-25421 Pinneberg (DE). **KUEBER, Frank** [DE/DE]; Bleibiskopfstrasse 10, D-61440 Oberursel (DE). **SCHIEMENZ, Berthold** [DE/DE]; Loreleistrasse 40, D-65929 Frankfurt (DE). **WERNER, Ralf** [DE/DE]; Löfflerstrasse 10, D-22765 Hamburg (DE). **SCHAUWIENOLD, Anne-Meike** [DE/DE]; Schüttstrasse 3, D-21073 Hamburg (DE). **FREDANCK, Frank** [DE/DE]; Suhrweg 16, D-22305 Hamburg (DE).

(74) **STARK, Vera**; BASF Aktiengesellschaft, D-67056 Ludwigshafen (DE).

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

(11) **WO 98/50396** (13) A1

(21) PCT/EP98/02600

(22) **2 May/mai 1998 (02.05.1998)**

(25) de (26) de

(31) 197 19 126.6 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07F 17/02, C06B 45/10, 23/00**

(54) ● FERROCENE DICARBOXYLIC ACID DIESTERS AND SOLID COMPOSITE PROPELLANTS CONTAINING THE SAME

● DIESTERS D'ACIDES DICARBOXYLIQUES DE FERROCENES ET COMBUSTIBLES SOLIDES COMPOSITES LES CONTENANT

(71) **DYNAMIT NOBEL GMBH EXPLOSIIVSTOFF- UND SYSTEMTECHNIK** [DE/DE]; Kaiserstrasse 1, D-53840 Troisdorf (DE). **CHEMISCHE BETRIEBE PLUTO GMBH** [DE/DE]; D-44649 Herne (DE). **HEBEKEUSER, Hans-Peter** [DE/DE]; Goethestrasse 4, D-53721 Siegburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MACKOWIAK, Hans-Peter** [DE/DE]; Haferbusch 17, D-51467 Bergisch-Gladbach (DE). **GOTTLIEB, Klaus** [DE/DE]; Alte Strasse 59, D-58313 Herdecke (DE). **JUNGBLUTH, Hubert** [DE/DE]; Broicherdorfstrasse 83 a, D-41564 Kaarst (DE). **NEITSCH, Horst** [DE/DE]; Oemkenstrasse 47 a, D-45892 Gelsenkirchen (DE).

(74) **UPPENA, Franz** et al. / etc.; Dynamit Nobel Aktiengesellschaft, Patentabteilung, D-53839 Troisdorf (DE).

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

(11) **WO 98/50397** (13) A2

(21) PCT/DE98/01216

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 20 151.2 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07H**

(54) ● CHIMERIC OLIGONUCLEOTIDES AND THE USE THEREOF

● OLIGONUCLEOTIDES CHIMERIQUES ET LEUR UTILISATION

(71) **MAX-DELBRÜCK-CENTRUM FÜR MOLEKULARE MEDIZIN** [DE/DE]; Robert-Rössle-Strasse 10, D-13125 Berlin (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MATTHES, Eckart** [DE/DE]; Altlandsberger Chaussee 76, D-15345 Eggersdorf (DE). **VON JANTA-LIPINSKI, Martin** [DE/DE]; Mittelweg 75, D-12487 Berlin (DE).

(74) **BAUMBACH, Fritz**; BioTez Berlin-Buch GmbH, Patentstelle, Robert-Rössle-Strasse 10, D-13125 Berlin (DE).

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

(11) **WO 98/50398** (13) A1

(21) PCT/US98/09333

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/045.834 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07H 1/00, 1/06, A23G 3/00**

(54) ● IMPROVED BETA-GLUCAN AND METHODS OF USE

● β-GLUCANE AMELIOREE ET PROCEDES D'UTILISATION

(71) **RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY** [US/US]; Old Queens, Somerset Street, New Brunswick, NJ 08903 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PINTO, Susan** [US/US]; 5114 Kensington High Street, Naples, FL 34105 (US).

(74) **REED, Janet, E.** et al. / etc.; Dann Dorfman Herrell and Skillman, Suite 720, 1601 Market Street, Philadelphia, PA 19103-2307 (US).

(81) CA 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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(31) 08/853.826 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07H 15/04, A61K 31/70**

(54) ● AMINOALKYL GLUCOSAMINE PHOSPHATE COMPOUNDS AND THEIR USE AS ADJUVANTS AND IMMUNOEFFECTORS

● COMPOSES D'AMINOALKYLE GLUCOSAMINE PHOSPHATES ET LEUR UTILISATION COMME ADJUVANTS ET IMMUNOEFFECTEURS

(71) **RIBI IMMUNOCHEM RESEARCH, INC.** [US/US]; 553 Old Corvallis Road, Hamilton, MT 59840 (US).

(72) **JOHNSON, David, A.**; 121 Woodland Way, Hamilton, MT 59840 (US). **SOWELL, C., Gregory**; 965 Ponderosa Drive, Hamilton, MT 59840 (US).

(74) **KULLICK, Ronald, H.**; Ribl ImmunoChem Research, Inc., 553 Old Corvallis Road, Hamilton, MT 59840 (US) et al. / etc.

(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) 1005947 (32) **1 May/mai 1997 (01.05.1997)** (33) NL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07H 15/26, 15/06, 3/04, 3/06, C08B 11/08, 31/12, 37/18, C12P 19/44**

(54) ● METHOD FOR THE ESTERIFICATION OF CARBOHYDRATES

● PROCEDE D'ESTERIFICATION D'HYDRATES DE CARBONE

(71) **INSTITUUT VOOR AGROTECHNOLOGISCH ONDERZOEK (ATO-DLO)** [NL/NL]; P.O. Box 17, NL-6700 AA Wageningen (NL).
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(72, 75) **WOUDENBERG-VAN OOSTEROM, Marjolein** [NL/NL]; Jasappel 44, NL-6662 JG Elst (NL). **WIJERDA, Feike** [NL/NL]; Lieuwenburg 53, NL-8925 CJ Leeuwarden (NL). **SLAGHEK, Theodor, Maximiliaan** [NL/NL]; Schansweg 35, NL-3042 HT Rotterdam (NL).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS 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).

(11) **WO 98/50401** (13) A1

(21) PCT/FR98/00892

(22) **4 May/mai 1998 (04.05.1998)**

(25) fr (26) fr

(31) 97/05517 (32) **5 May/mai 1997 (05.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07H 21/00, 1/08**

(54) ● METHOD FOR DETECTING THE PRESENCE OF BIOLOGICAL MATTERS OF BOVINE ORIGIN, AND OLIGONUCLEOTIDES FOR ITS IMPLEMENTATION

● PROCEDE DE DETECTION DE LA PRESENCE DE MATIERES BIOLOGIQUES D'ORIGINE BOVINE, ET OLIGONUCLEOTIDES POUR SA MISE EN OEUVRE

- (71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE** [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HANNI, Catherine** [FR/FR]; 26, quai Saint-Vincent, F-69000 Lyon (FR). **LAUDET, Vincent** [FR/FR]; 26, quai Saint-Vincent, F-69000 Lyon (FR). **GRANGETTE, Corine** [FR/FR]; 3, rue Jean Rostand, F-59152 Anstaing (FR). **LANGE, Marc** [FR/FR]; Résidence Le Corbusier, 188, allée de Liège, F-59777 Euralille (FR). **PASTEAU, Stéphane** [FR/FR]; 116, rue Flament Reboux, F-59130 Lammersart (FR).
- (74) **GROSSET-FOURNIER, Chantal**; Grosset-Fournier & Demachy, 103, rue La Fayette, F-75481 Paris Cedex 10 (FR).
- (81) AU 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 98/50402** (13) A1
(21) PCT/US98/08497
(22) **28 Apr/avr 1998 (28.04.1998)**
(25) en (26) en
(31) 60/045,688 (32) **6 May/mai 1997 (06.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07H 21/02, C07K 1/00, A01H 37/18, C12N 15/00, 5/00**
(54) ● DNA MOLECULE CONFERRING ON *MYCOBACTERIUM TUBERCULOSIS* RESISTANCE AGAINST ANTIMICROBIAL REACTIVE OXYGEN AND NITROGEN INTERMEDIATES
● MOLECULE D'ADN CONFERANT A *MYCOBACTERIUM TUBERCULOSIS* UNE RESISTANCE CONTRE LES INTERMEDIRES REACTIFS ANTIMICROBIENS DE L'OXYGENE ET DE L'AZOTE
(71) **CORNELL RESEARCH FOUNDATION, INC.** [US/US]; Suite 105, 20 Thornwood Drive, Ithaca, NY 14850 (US).
(72) **RILEY, Lee, W.**; 2920 Derby Street, Berkeley, CA 94705 (US). **NATHAN, Carl, F.**; 5 Edgewood Avenue, Larchmont, NY 10538 (US). **EHRT, Sabine**; Apartment #10, 2505 Virginia Street, Berkeley, CA 94709 (US).
(74) **GOLDMAN, Michael, L.** 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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(31) 08/851,588 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(31) 08/934,097 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US
(31) 09/034,205 (32) **3 Mar/mar 1998 (03.03.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07H 21/04, 21/02, C12Q 1/68**
(54) ● TARGET-DEPENDENT REACTIONS USING STRUCTURE-BRIDGING OLIGONUCLEOTIDES
● REACTIONS DEPENDANTES DES CIBLES, UTILISANT DES OLIGONUCLEOTIDES DE PONTAGE DE STRUCTURES
(63) US 09/034,205 (CIP)
3 Mar/mar 1998 (03.03.1998)
(71) **THIRD WAVE TECHNOLOGIES, INC.** [US/US]; 2800 South Fish Hatchery Road, Madison, WI 53711 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DONG, Fang** [CN/US]; 203 Eagle Heights, Madison, WI 53705 (US). **LYAMICHEV, Victor I.** [RU/US]; 2523 Carriedale Court, Madison, WI 53711 (US). **PRUDENT, James, R.** [US/US]; 3750 Country Grove Drive, Madison, WI 53719 (US). **FORS, Lance** [US/US]; 12 Hidden Hollow Trace, Madison, WI 53717 (US). **NERI, Bruce, P.** [US/US]; 5714 Kilkenny Place, Madison, WI 53711 (US). **BROW, Mary, Ann, D.** [US/US]; 5905 Hammersley Road, Madison, WI 53711 (US). **ANDERSON, Todd, A.** [US/US]; 2302 University Avenue #323, Madison, WI 53705 (US). **DAHLBERG, James, E.** [US/US]; 1119 Merrill Springs Road, Madison, WI 53705-1316 (US).
(74) **CARROLL, Peter, G.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (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).
- Published / Publiée : (c)
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- (11) **WO 98/50404** (13) A1
(21) PCT/US98/07265
(22) **14 Apr/avr 1998 (14.04.1998)**
(25) en (26) en
(31) 08/840,551 (32) **15 Apr/avr 1997 (15.04.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07H 21/04, 21/02, C12P 19/34, C12Q 1/68**
(54) ● METHOD OF DETECTING METASTATIC THYROID CANCER
● PROCEDE DE DETECTION DE CANCER DE LA THYROIDE METASTATIQUE
(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; West 116th Street and Broadway, New York, NY 10027 (US).
(72) **DITKOFF, Beth, Ann**; Apartment 5F, 424 West End Avenue, New York, NY 10024 (US). **CHABOT, John, A.**; 87 Hix Avenue, Rye, NY 10580 (US). **FEIND, Carl, R.**; Duck Pond Road, Alpine, NJ 07620 (US). **LOGERFO, Paul**; 979 Route 9 West, Grandview, NY 10960 (US).
(74) **WHITE, John, P.**; Cooper & Dunham LLP, 1185 Avenue of the Americas, New York, NY 10036 (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).
- Published / Publiée : (c)
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- (11) **WO 98/50405** (13) A1
(21) PCT/US98/09270
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
- (31) 60/045,805 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07H 21/04, C12P 19/34, C12N 5/06, 5/08**
(54) ● AN INFECTIOUS CLONE FOR HUMAN PARAINFLUENZA VIRUS TYPE 3
● CLONE INFECTIEUX ASSOCIE AU VIRUS PARAINFLUENZA DE TYPE 3 D'ORIGINE HUMAINE
(71) **CLEVELAND CLINIC FOUNDATION** [US/US]; 9500 Euclid Avenue, Cleveland, OH 44195 (US).
(72) **BANERJEE, Amiya, K.**; 60 Lochspur Lane, Moreland Hills, OH 44022 (US). **HOFFMAN, Michael, A.**; 20501 South Woodland Road, Shaker Heights, OH 44122 (US).
(74) **DOCHERTY, Pamela, A.**; Calfee, Halter & Griswold LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114 (US).
(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).
- Published / Publiée : (c)
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- (11) **WO 98/50406** (13) A1
(21) PCT/US98/09453
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 60/046,077 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07H 21/04, C07K 1/00**
(54) ● CELL PROLIFERATION RELATED GENES
● GENES ASSOCIES A LA PROLIFERATION CELLULAIRE
(63) US 60/046,077 (CIP)
9 May/mai 1997 (09.05.1997)
(71) **THE GENERAL HOSPITAL CORPORATION** [US/US]; 55 Fruit Street, Boston, MA 02110 (US).
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(72, 75) **ZERVOS, Antonis, S.** [GR/US]; 8 Westgate Drive #105, Woburn, MA 01801 (US).
(74) **MYERS, Paul, Louis** et al. / etc.; Lahive & Cockfield, LLP, 28 State Street, Boston, MA 02109 (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 98/50407** (13) A1
(21) PCT/US98/09456
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 08/853,703 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C07H 21/04, C12N 5/10, 15/63, 15/79, C12P 19/34**

- (54) ● EUKARYOTIC AND RETROVIRAL ANTI-SENSE INITIATOR ELEMENTS
● ELEMENTS INITIATEURS ANTISENS EU-CARYOTES ET RETROVIRAUX
- (71) **THE RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK** [US/US]; Suite 200 UB Commons, 520 Lee Entrance, University at Buffalo, Amherst, NY 14228-2561 (US).
- (72) **LUDWIG, Linda, B.**; 861 Main Street, East Aurora, NY 14052 (US).
- (74) **KADLE, Ranjana** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, 1800 One M & T Plaza, Buffalo, NY 14203-2391 (US).
- (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 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 98/50408** (13) A1
- (21) PCT/US98/09559
- (22) **11 May/mai 1998 (11.05.1998)**
- (25) en (26) en
- (31) 08/853,217 (32) **9 May/mai 1997 (09.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07H 21/04, A61K 48/00, C12Q 1/68**
- (54) ● HYBRID RIBOZYMES AND METHODS OF USE
● RIBOZYMES HYDRIDES ET PROCEDES D'UTILISATION
- (71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, Boston, MA 02108 (US). **UNIVERSITE DE MONTREAL** [CA/CA]; 2900 Edouard-Montpetit, Montreal, Quebec H3C 3J7 (CA).
- (72) **FOURNIER, Maurille, J.**; 10 Amherst Road, R.D. #3, Amherst, MA 01002 (US). **SAMARSKY, Dmitry, A.**; 31 Fales Street, Worcester, MA 01606 (US). **FERBEYRE, Gerardo**; Apartment 1, 5690 Gatineau, Montreal, Quebec H3J 1X7 (CA). **CEDERGREEN, Robert**; 4675 Christoph Colomb, Montreal, Quebec H2J 3G7 (CA).
- (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 98/50409** (13) A1
- (21) PCT/US98/09159
- (22) **5 May/mai 1998 (05.05.1998)**
- (25) en (26) en
- (31) 08/851,939 (32) **7 May/mai 1997 (07.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07J 11/00, C07C 49/213, 45/00**
- (54) ● PROCESS FOR EFFECTING ALLYLIC OXIDATION
● PROCEDE POUR EFFECTEUR UNE OXYDATION ALLYLIQUE

- (71) **HUMANETICS CORPORATION** [US/US]; Interchange Tower, Suite 1205, 600 South Highway 169, St. Louis Park, MN 55426-1205 (US).
- (72) **MARWAH, Padma**; Apartment C, 5317 Old Middletown Road, Madison, WI 53705 (US). **LARDY, Henry, A.**; 1829 Thorstrand Road, Madison, WI 53705 (US).
- (74) **SHERRILL, Michael, S.**; Michael S. Sherrill Law Offices, Suite 200, 4756 Banning Avenue, White Bear Lake, MN 55110-3205 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50410** (13) A1
- (21) PCT/US98/08453
- (22) **28 Apr/avr 1998 (28.04.1998)**
- (25) en (26) en
- (31) 08/850,569 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07J 31/00, A61K 31/57**
- (54) ● SALTS OF 5.ALPHA.-PREGN-16-EN-3.BETA.-OL-20-ONE 3-SULPHATE ESTER WITH PROGESTIN ACTIVITY
● SELS DE 5.ALPHA.-PREGN-16-EN-3.BETA.-OL-20-ONE 3-SULFATE ESTER A ACTIVITE PROGESTATIVE
- (71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).

- (72) **BENDER, Reinhold, Hans, Wilhelm**; 101 Oakwood Lane, Valley Forge, PA 19481 (US). **FAWZI, Mahdi, Bakir**; 1 Dukess Court, Morristown, NJ 07960 (US). **FLETCHER, Horace, III**; 2382 Schaffer Road, Pottstown, PA 19464 (US). **MORTON, George, Oscar**; 36 Kinderkamack Road, Hillsdale, NJ 07642 (US). **SHAH, Syed, Muzafar**; 13 Yvette Drive, East Hanover, NJ 07936 (US). **TANG, Xuejun**; 69 Laurel Road, New City, NY 10956 (US).
- (74) **ALICE, Ronald, W.**; 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 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 98/50411** (13) A1
- (21) PCT/US98/08454
- (22) **28 Apr/avr 1998 (28.04.1998)**
- (25) en (26) en
- (31) 08/850,571 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07J 31/00, A61K 31/57**
- (54) ● PHARMACEUTICALLY ACCEPTABLE SALTS OF 5ALPHA-PREGNAN-3BETA, 16ALPHA HA-DIOL-20-ONE 3-SULFATE USEFUL AS PROGESTINS AND CNS DISORDERS

- SELS PHARMACEUTIQUEMENT ACCEPTABLES DE 5ALPHA-PREGNAN-3BETA, 16ALPHA-DIOL-20-ONE 3-SULFATE UTILISES COMME PROGESTATIFS ET DANS LES TROUBLES DU SNC
- (71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, New Jersey 07940-0874 (US).
- (72) **BENDER, Reinhold, Hans, Wilhelm**; 101 Oakwood Lane, Valley Forge, PA 19481 (US). **FAWZI, Mahdi, Bakir**; 1 Dukess Court, Morristown, NJ 07960 (US). **FLETCHER, Horace, III**; 2382 Schaffer Road, Pottstown, PA 19464 (US). **MORTON, George, Oscar**; 36 Kinderkamack Road, Hillsdale, NJ 07642 (US). **SHAH, Syed, Muzafar**; 13 Yvette Drive, East Hanover, NJ 07639 (US). **TANG, Xuejun**; 69 Laurel Road, New City, NY 10956 (US).

- (74) **ALICE, Ronald, W.**; 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 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 98/50412** (13) A1
- (21) PCT/US98/08455
- (22) **28 Apr/avr 1998 (28.04.1998)**
- (25) en (26) en
- (31) 08/850,427 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **C07J 31/00, A61K 31/565, C07J 17/00, 1/00**
- (54) ● ESTROGENIC 19-NORADNROST-17-ONE DERIVATIVES WITH AN AROMATIC B-RING
● DERIVES OESTROGENIQUES 19-NORADNROST-17-ONE RENFERMANT UN CYCLE B AROMATIQUE

- (71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).
- (72) **SHAH, Syed, Muzafar**; 13 Yvette Drive, East Hanover, NJ 07936 (US). **RAVEENDRANATH, Panolil**; 2 Whitman Place, Monroe, NY 10950 (US). **KAGAN, Michael, Z.**; 4 Mackenzie Lane, Plainsboro, NJ 08536 (US).
- (74) **ALICE, Ronald, W.**; 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 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 98/50413** (13) A1
- (21) PCT/US98/08481
- (22) **28 Apr/avr 1998 (28.04.1998)**

- (25) en (26) en
 (31) 08/850,568 (32) **2 May/mai 1997** (33) US (02.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07J 31/00, A61K 31/565, C07J 1/00**
 (54) ● PHARMACEUTICALLY ACCEPTABLE SALTS OF 3-HYDROXY-ESTR-5(10)-EN-17-ONE 3-SULPHATE ACTIVE AS ESTROGENS
 ● SELS PHARMACEUTIQUEMENT ACCEPTABLES DE 3-HYDROXY-ESTR-5(10)-EN-17-ONE 3-SULFATE A ACTIVITE D'ESTROGENES
 (71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).
 (72) **KAGAN, Michael, Z.**; 4 Mackenzie Lane, Plainsboro, NJ 08536 (US). **KONG, Fangming**; Apartment 2, 14 Sutton Place, Westwood, NJ 07675 (US). **McDONALD, Leonard, Alexander**; 323 Briar Patch, Mountainside, NJ 07092 (US). **RAVEENDRANATH, Panolil**; 2 Whitman Place, Monroe, NY 10950 (US). **SHAH, Syed, Muzafar**; 13 Yvette Drive, East Hanover, NJ 07936 (US). **ZELDIS, Joseph**; 195 Long Clove Road, New City, NY 10956 (US).
 (74) **ALICE, Ronald, W.**; 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 98/50414** (13) A1
 (21) PCT/US98/08483
 (22) **28 Apr/avr 1998 (28.04.1998)**
 (25) en (26) en
 (31) 08/841,882 (32) **5 May/mai 1997** (33) US (05.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07J 31/00, A61K 31/565**
 (54) ● B-RING ESTRATRIENE DIOL SULPHATES
 ● ESTRATRIENE DIOL SULFATES A CYCLE B
 (71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).
 (72) **KAGAN, Michael, Z.**; 4 Mackenzie Lane, Plainsboro, NJ 08536 (US). **RAVEENDRANATH, Panolil**; 2 Whitman Place, Monroe, NY 10950 (US). **SHAH, Syed, Muzafar**; 13 Yvette Drive, East Hanover, NJ 07936 (US). **WINKLEY, Michael, William**; 1 Arbor Road, Campbell Hall, NY 10916 (US).
 (74) **ALICE, Ronald, W.**; 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 98/50415** (13) A1
 (21) PCT/US98/08485
 (22) **28 Apr/avr 1998 (28.04.1998)**
 (25) en (26) en
 (31) 08/850,876 (32) **2 May/mai 1997** (33) US (02.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07J 31/00, A61K 31/57, C07J 7/00**
 (54) ● PREGNANE 3,20 DIOL MONO- AND DI-SULPHATES
 ● PREGNAN 3,20 DIOL MONO- ET DI-SULFATES
 (71) **AMERICAN HOME PRODUCTS CORPORATION** [US/US]; Five Giralda Farms, Madison, NJ 07940-0874 (US).
 (72) **BENDER, Reinhold, Hans, Wilhelm**; 101 Oakwood Lane, Valley Forge, PA 19481 (US). **FLETCHER, Horace, III**; 2382 Schaffer Road, Pottstown, PA 19464 (US). **HUANG, Wenzhong, James**; 8 Woodville Terrace, Somerville, NJ 08876 (US). **KAGAN, Michael, Z.**; 4 MacKenzie Lane, Plainsboro, NJ 08536 (US). **SHAH, Syed, Muzafar**; 13 Yvette Drive, East Hanover, NJ 07936 (US).
 (74) **ALICE, Ronald, W.**; 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 98/50416** (13) A1
 (21) PCT/US98/09049
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/852,864 (32) **8 May/mai 1997** (33) US (08.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07J 41/00, A61K 31/575**
 (54) ● CATIONIC AMPHIPHILES CONTAINING MULTIPLE STEROID LIPOPHILIC GROUPS
 ● AMPHIPHILES CATIONIQUES A GROUPES LIPOPHILES STEROIDES MULTIPLES
 (71) **GENZYME CORPORATION** [US/US]; One Mountain Road, Framingham, MA 01701-9322 (US).
 (72) **SIEGEL, Craig, S.**; 15 Bradford Road, Woburn, MA 01801 (US). **LEE, Edward, R.**; 56 Bacon Street, Natick, MA 01760 (US). **HARRIS, David, J.**; 5A Eliot Road, Lexington, MA 02173 (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) 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 98/50417** (13) A1
 (21) PCT/US98/09388
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/853,680 (32) **9 May/mai 1997** (33) US (09.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07J 41/00, A61K 31/575, C07J 51/00**
 (54) ● CATIONIC AMPHIPHILES CONTAINING A DISULPHIDE LINKER FOR CELL TRANSFECTIONS
 ● AMPHIPHILES CATIONIQUES CONTENANT UNE SEQUENCE DE LIAISON DISULFURE POUR TRANSFECTIONS CELLULAIRES
 (71) **GENZYME CORPORATION** [US/US]; One Mountain Road, Framingham, MA 01701-9322 (US).
 (72) **LEE, Edward, R.**; 56 Bacon Street, Natick, MA 01760 (US). **SIEGEL, Craig, S.**; 15 Bradford Road, Woburn, MA 01801 (US). **HARRIS, David, J.**; 5A Eliot Road, Lexington, MA 02173 (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) 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 98/50418** (13) A1
 (21) PCT/US98/09537
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en
 (31) 08/851,917 (32) **6 May/mai 1997** (33) US (06.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07J 41/00, A61K 31/575**
 (54) ● CATIONIC AMPHIPHILES CONTAINING LINKERS DERIVED FROM NEUTRAL OR POSITIVELY CHARGED AMINO ACIDS
 ● AMPHIPHILES CATIONIQUES CONTENANT DES LIEURS OBTENUS A PARTIR D'ACIDES AMINES NEUTRES OU CHARGES POSITIVEMENT
 (71) **GENZYME CORPORATION** [US/US]; One Mountain Road, Framingham, MA 01701-9322 (US).
 (72) **KEYNES, Mikaela, N.**; 17 Strathmore Road, No. 1, Brookline, MA 02146 (US). **SIEGEL, Craig, S.**; 15 Bradford Road, Woburn, MA 01801 (US). **LEE, Edward, R.**; 56 Bacon Street, Natick, MA 01760 (US). **HARRIS, David, J.**; 5A Eliot Road, Lexington, MA 02173 (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) 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 98/50419** (13) A2
 (21) PCT/CA98/00438
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en
 (31) 60/045,810 (32) **7 May/mai 1997** (33) US (07.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07J 73/00(54) ● 4-AZA-STEROIDS
● 4-AZASTEROIDES(71) NOVOPHARM LIMITED [CA/CA]; 30 Novopharm Court, Scarborough, Ontario M1B 2K9 (CA).
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(72, 75) PAMIDI, Chenchai, Chinna [CA/CA]; 52 Lake Avenue North, Hamilton, Ontario L8E 1L3 (CA). JIA, Qi [CA/CA]; 812 Finley Avenue, Ajax, Ontario L1S 3Z4 (CA).

(74) RIDOUT & MAYBEE; 18th floor, 150 Metcalfe Street, Ottawa, Ontario K2P 1P1 (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).

(11) WO 98/50420 (13) A1

(21) PCT/EP98/02587

(22) 28 Apr/avr 1998 (28.04.1998)

(25) en (26) en

(31) 97201286.8 (32) 2 May/mai 1997 (02.05.1997) (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07K 5/00, 5/08, A61K 38/05(54) ● SERINE PROTEASE INHIBITORS
● INHIBITEURS DE LA SERINE PROTEASE(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) ADANG, Anton, Egbert, Peter [NL/NL]; Le Sage ten Broeklaan 77, NL-5615 CR Eindhoven (NL).

(74) HOGENBIRK, M.; P.O. Box 20, NL-5340 BH Oss (NL).

(81) AM AU BB BG BR CA CN CZ EE GE HU ID IS JP KG KP KR LK LR LT LV MD MG MN MX NO NZ PL RO RU SG SI SK SL TJ TM TR TT UA 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).

(11) WO 98/50421 (13) A1

(21) PCT/SE98/00826

(22) 5 May/mai 1998 (05.05.1998)

(25) en (26) en

(31) 9701718-0 (32) 7 May/mai 1997 (07.05.1997) (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07K 5/087, A61K 38/06(54) ● ANALGESIC COMPOUNDS PEPTIDOMIMETIC
● COMPOSES PEPTIDOMIMETIQUES ANALGESIQUES(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) DIMAIO, John [CA/CA]; 12404 Pierre Blanchet, Montreal, Quebec H1E 4L9 (CA). WANG, Wuyi [CA/CA]; 2297 Frenette, St-Laurent, Quebec H4R 1M3 (CA).

(74) ASTRA AKTIEBOLAG; Patent Dept., S-151 85 Södertälje (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 98/50422 (13) A1

(21) PCT/US98/09471

(22) 8 May/mai 1998 (08.05.1998)

(25) en (26) en

(31) 08/853,753 (32) 9 May/mai 1997 (09.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07K 7/06, A01N 63/02, C12N 1/20 // (C12N 1/20, C12R 1:125)

(54) ● A NOVEL STRAIN OF BACILLUS FOR CONTROLLING PLANT DISEASES AND CORN ROOTWORM

● NOUVELLE SOUCHE DE BACILLUS DESTINÉE A LUTTER CONTRE LES MALADIES VÉGÉTALES ET LA LARVE NUISIBLE AUX RACINES DU MAÏS

(71) AGRAQUEST, INC. [US/US]; Suite 4, 1105 Kennedy Place, Davis, CA 95616 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) HEINS, Sherry, Darlene [US/US]; 3110 Oyster Bay, Davis, CA 95616 (US). MANKER, Denise, Carol [US/US]; 3037 Prado Lane, Davis, CA 95616 (US). JIMENEZ, Desmond, Rito [US/US]; 9 Pendergast Street, Woodland, CA 95695 (US). McCOY, Randy, Jay [US/US]; 3212 Breton Avenue, Davis, CA 95616 (US). ORJALA, Jimmy, Ensio [US/US]; 2905 Lollard Drive, Davis, CA 95616 (US).

(74) PARK, Freddie, K. 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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)

(11) WO 98/50423 (13) A2

(21) PCT/FR98/00923

(22) 7 May/mai 1998 (07.05.1998)

(25) fr (26) fr

(31) 97/05677 (32) 7 May/mai 1997 (07.05.1997) (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07K 14/00

(54) ● PEPTIDE ANALOGUES, AND THEIR USES IN PARTICULAR IN PHARMACEUTICAL COMPOSITIONS AND FOR DIAGNOSIS

● ANALOGUES PEPTIDIQUES ET LEURS UTILISATIONS NOTAMMENT DANS DES COMPOSITIONS PHARMACEUTIQUES ET POUR LE DIAGNOSTIC

(71) CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE [FR/FR]; 3, rue Michel-Ange, F-75794 Paris Cedex 16 (FR). INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE [FR/FR]; 101, rue de Tolbiac, F-75654 Paris Cedex 13 (FR).
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(72, 75) GUILLET, Jean-Gérard [FR/FR]; 39, rue Raphaël, F-92170 Vanves (FR). GUICHARD, Gilles [FR/FR]; 6, quai Matthis, F-67000 Strasbourg (FR). OSTANKOVITICH, Marina [FR/FR]; 89, rue Broca, F-75013 Paris (FR). CONNAN, Francine [FR/FR]; 21, rue du Progrès, F-95170 Deuil-La-Barre (FR). QUESNEL, Anne [FR/FR]; 13A, boulevard de Lyon, F-67000 Strasbourg (FR). CHOPPIN, Jeannine [FR/FR]; 8, rue Saint Fiacre, F-51100 Reims (FR). BRIAND, Jean-Paul [FR/FR]; 22, rue des Balayeurs, F-67000 Strasbourg (FR). MULLER, Sylviane [FR/FR]; 15, avenue de la Forêt Noire, F-67000 Strasbourg (FR).

(74) DEMACHY, Charles et al. / etc.; Grosset-Fournier & Demachy S.A.R.L., 103, rue La Fayette, F-75481 Paris Cedex 10 (FR).

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

(11) WO 98/50424 (13) A2

(21) PCT/US98/09096

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 08/851,974 (32) 7 May/mai 1997 (07.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C07K 14/00

(54) ● HUMAN SERINE PROTEASE PRECURSOR

● PRECURSEUR DE SERINE PROTEASE HUMAINE

(63) US 08/851,974 (CIP)
7 May/mai 1997 (07.05.1997)(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).

(11) WO 98/50425 (13) A2

(21) PCT/US98/09122

- (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 08/851,190 (32) **5 May/mai 1997 (05.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07K 14/00**
 (54) ● HUMAN TSC-22-LIKE PROTEIN
 ● PROTEINE ANALOGUE DE TSC-22 HUMAINE
- (63) US 08/851,190 (CIP)
 5 May/mai 1997 (05.05.1997)
- (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.** [US/US]; 3311 Cantamar Court, San Jose, CA 95135 (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 98/50426** (13) A1
 (21) PCT/NL98/00251
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 97201343.7 (32) **6 May/mai 1997 (06.05.1997)** (33) EP
 (34) NL et al. / etc.
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07K 14/08, 16/10, A61K 39/12, G01N 33/68**
 (54) ● PRRSV ANTIGENIC SITES IDENTIFYING PEPTIDE SEQUENCES OF PRRSV VIRUS FOR USE IN VACCINES OR DIAGNOSTIC ASSAYS
 ● SITES ANTIGENIQUES DU VIRUS DU CDRP IDENTIFIANT LES SEQUENCES PEPTIDIQUES DU VIRUS DU CDRP, A UTILISER DANS DES VACCINS ET DES DOSAGES DIAGNOSTIQUES
- (71) **STICHTING INSTITUUT VOOR DIERHOU- DERIJ EN DIERGEZONDHEID** [NL/NL]; Edelhertweg 15, NL-8219 PH Lelystad (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN NIEUWSTADT, Antonie, Paul** [NL/NL]; Zoom 10-05, NL-8225 KA Lelystad (NL). **LANGEVELD, Jan** [NL/NL]; Stedenmeen 12, NL-3844 JB Harderwijk (NL). **MEULENBERG, Janneke** [NL/NL]; Laagte Kadijk 17e, NL-1018 BB Amsterdam (NL).
- (74) **SMULDERS, Th., A., H., J.**; Verenigde Octrooi- bureaux, 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 98/50426** (13) A1
 (21) PCT/US98/08993
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 60/045,641 (32) **5 May/mai 1997 (05.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07K 14/24, C12P 21/02, A01N 63/02**
 (54) ● INSECTICIDAL PROTEIN TOXINS FROM *XENORHABDUS*
 ● TOXINES PROTEIQUES INSECTICIDES ISSUES DE *XENORHABDUS*
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Wisconsin Road, Indianapolis, IN 46268 (US). **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; 614 Walnut Street, Madison, WI 53705 (US).
- (72) **ENSIGN, Jerald, C.**; 1810 Camelot Drive, Madison, WI 53705 (US). **BOWEN, David, J.**; 5668 Highway A., Oregon, WI 53575 (US). **TENOR, Jennifer, L.**; 2103 Keyes Avenue, Madison, WI 53711 (US). **CICHE, Todd, A.**; 1609 Chadbourne Avenue, Madison, WI 53705 (US). **PETELL, James, K.**; 15 Monahan Road, Zionsville, IN 46077 (US). **STRICKLAND, James, A.**; 780 Mt. Zion Road, Lebanon, IN 46052 (US). **ORR, Gregory, L.**; 1028 Saragota Circle, Indianapolis, IN 46280 (US). **FATIG, Raymond, O.**; 30 Clay Court, Zionsville, IN 46077 (US). **BINTRIM, Scott, B.**; 511 Beals Street, Carmel, IN 46032 (US). **FFRENCH-CONSTANT, Richard, T.**; 1006 University Bay Drive, Madison, WI 53705 (US).
- (74) **BORUCKI, Andrea, T.**; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (11) **WO 98/50428** (13) A1
 (21) PCT/US98/09137
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 60/045,607 (32) **5 May/mai 1997 (05.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07K 14/62, A61K 37/26**
 (54) ● TREATMENT OF OSTEOPOROSIS
 ● TRAITEMENT DE L'OSTEOPOROSE
- (71) **MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH** [US/US]; 200 First Street S.W., Rochester, MN 55905 (US).
- (72) **KHOSLA, Sundeep**; 815 3rd Street S.W., Rochester, MN 55902 (US). **CONOVER, Cheryl, A.**; 939 22nd Avenue S.W., Rochester, MN 55902 (US).
- (74) **ELLINGER, Mark, S.**; Fish & Richardson P.C., P.A., Suite 3300, 60 South Sixth Street, Minneapolis, MN 55402 (US).
-
- (11) **WO 98/50429** (13) A1
 (21) PCT/US98/08829
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 60/045,730 (32) **6 May/mai 1997 (06.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07K 14/705, 16/28, C07H 21/04, C12Q 1/04, G01N 33/53, 33/543**
 (54) ● PROTEIN SMI ON HEMATOPOIETIC STEM CELLS
 ● PROTEINES SMI PRESENTES A LA SURFACE DES CELLULES HEMATOPOIETIQUES SOUCHES
- (63) US 60/045,730 (CON)
 6 May/mai 1997 (06.05.1997)
- (71) **STEMCELL THERAPEUTICS, LLC** [US/US]; 1008 West Ninth Avenue, King of Prussia, PA 19406 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **WONG, Peter, M., C.** [CA/US]; 1927 Lafayette Road, Gladwyne, PA 19035 (US). **CHUNG, Siu-Wah** [CA/US]; 1927 Lafayette Road, Gladwyne, PA 19035 (US). **HAN, Xiaodong** [CN/US]; 3324 North Park Avenue, Philadelphia, PA 19140 (US). **CHEN, Hong** [CN/US]; Apartment 410, 570 West DeKalb Pike, King of Prussia, PA 19406 (US).
- (74) **BENT, Stephen, A.** 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 98/50430** (13) A2
 (21) PCT/US98/08861
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 60/045,364 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (31) 60/057,986 (32) **5 Sep/sep 1997 (05.09.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C07K 14/805, C12N 15/12, 1/21**
 (54) ● HEMOGLOBIN MUTANTS WITH INCREASED SOLUBLE EXPRESSION AND/OR REDUCED NITRIC OXIDE SCAVENGING
 ● MUTANTS D'HEMOGLOBINE AVEC EXPRESSION SOLUBLE ACCRUE ET/OU

EVACUATION REDUITE D'OXYDE NITRIQUE
(63) US 60/045,364 (CIP)
2 May/mai 1997 (02.05.1997)
US 60/057,986 (CIP)
5 Sep/sep 1997 (05.09.1997)

(71) **SOMATOGEN, INC.** [US/US]; Suite FD-1, 2545 Central Avenue, Boulder, CO 80301 (US). **WILLIAM MARSH RICE UNIVERSITY** [US/US]; Institute of Bioscience & Bioengineering, 6100 South Main, Houston, TX 77005 (US).
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(72, 75) **WEICKERT, Michael, J.** [US/US]; 7565 Charmant Drive #311, San Diego, CA 92122 (US). **GLASCOCK, Christopher, B.** [US/US]; 919 Eldorado Lane, Louisville, CO 80027 (US). **MATHEWS, Antony, J.** [NZ/US]; 1639 Spruce Street, Boulder, CO 80302 (US). **LEMON, Douglas, D.** [US/US]; 639 Fireside, Louisville, CO 80027 (US). **DOHERTY, Daniel, H.** [US/US]; 719 Ithaca Drive, Boulder, CO 80303 (US). **OLSON, John, S.** [US/US]; 4407 Lumbar, Houston, TX 77096-4418 (US).

(74) **BROWN, Theresa, A.**; Somatogen, Inc., Suite FD-1, 2545 Central Avenue, Boulder, CO 80301 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50431** (13) A2

(21) PCT/US98/08762

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

(25) en (26) en

(31) 08/850,058 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(31) 60/050,661 (32) **24 Jun/juin 1997 (24.06.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07K 16/00**

(54) ● A METHOD FOR MAKING MULTISPECIFIC ANTIBODIES HAVING HETEROMULTIMERIC AND COMMON COMPONENTS

● PROCÉDE DE PRÉPARATION D'ANTICORPS MULTISPECIFIQUES PRÉSENTANT DES COMPOSANTS HÉTÉROMULTIMÈRES

(71) **GENENTECH, INC.** [US/US]; 1 DNA Way, South San Francisco, CA 94080-4990 (US).

(72) **ARATHOON, Robert**; 1620 Lexington Avenue, San Mateo, CA 94402 (US). **CARTER, Paul, J.**; 1048 Monterey Boulevard, San Francisco, CA 94127 (US). **MERCHANT, Anne, M.**; Apartment 1-31, 2000 Crystal Springs Road, San Bruno, CA 94116 (US). **PRESTA, Leonard, G.**; No. 206, 1900 Gough Street, San Francisco, CA 94109 (US).

(74) **CONLEY, Deirdre, L.** 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50432** (13) A1

(21) PCT/US98/08840

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

(25) en (26) en

(31) 60/045,888 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 09/070,637 (32) **30 Apr/avr 1998 (30.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07K 16/00, 17/00, C07H 21/02, 21/04, A61K 39/395**

(54) ● RECOMBINANT ANTIBODY-ENZYMES FUSION PROTEINS

● PROTEINES FUSIONNÉES D'ENZYMES ANTICORPS PRODUITES PAR RECOMBINAISON

(71) **BRISTOL-MYERS SQUIBB COMPANY** [US/US]; 345 Park Avenue, New York, NY 10154 (US).

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

(72, 75) **SIEMERS, Nathan, O.** [US/US]; 120 Austin Avenue, Hamilton Township, NJ 08629 (US). **YARNOLD, Susan** [US/US]; 2342 47th Avenue S.W., Seattle, WA 98116 (US). **SENTER, Peter, D.** [US/US]; 9000 40th Avenue N.E., Seattle, WA 98116 (US).

(74) **PARMELEE, Steven, W.** 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 98/50433** (13) A2

(21) PCT/US98/09160

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/851,362 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07K 16/00**

(54) ● MAN MONOCLONAL ANTIBODIES TO EPIDERMAL GROWTH FACTOR RECEPTOR

● ANTICORPS MONOCLONAUX HUMAINS CONTRE LE RECEPTEUR DU FACTEUR DE CROISSANCE EPIDERMIQUE

(71) **ABGENIX, INC.** [US/US]; 7601 Dumbarton Circle, Fremont, CA 94555 (US).

(72) **JAKOBOVITS, Aya**; 2021 Monterey Avenue, Menlo Park, CA 94025 (US). **YANG, Xiao-Dong**; 2833 Bryant Street, Palo Alto, CA 94306 (US). **GALLO, Michael**; 1376 Klamath Drive, San Jose, CA 95130 (US). **JIA, Xiao-Chi**; 64 Burbank Avenue, San Mateo, CA 94403 (US).

(74) **HALEY, James, F.** et al. / etc.; Fish & Neave, 1251 Avenue of the Americas, New York, NY 10020 (US).

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

(25) en (26) en

(31) 08/852,218 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07K 16/28, G01N 33/569, A61K 39/00**

(54) ● METHODS FOR EOSINOPHIL DEPLETION AND COMPOSITIONS THEREFOR

● METHODES RELATIVES A UN APPAUVRISSEMENT DES EOSINOPHILES ET COMPOSITIONS AFFERENTES

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US).

(72) **GRIMALDI, Christopher, J.**; 1434 36th Avenue, San Francisco, CA 94122 (US). **HOWARD, Maureen, C.**; 12700 Viscaimo Drive, Los Altos Hills, CA 94022 (US). **COFFMAN, Robert, L.**; 239 Echo Lane, Portola Valley, CA 94028 (US).

(74) **FOULKE, Cynthia, L.** 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 LU LV MD MG MK MN MX NO NZ PL RO RU SG SI SK SL 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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(31) 60/046,895 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C07K 19/00, A61K 47/48 // C07K 16/28, 14/46**

(54) ● IMMUNOTOXINS, COMPRISING AN ONC PROTEIN, DIRECTED AGAINST MALIGNANT CELLS

● IMMUNOTOXINES, COMPRENANT UNE PROTEINE ONC, DIRIGÉES CONTRE DES CELLULES MALIGNES

(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA**, as represented by THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES [US/US]; Bethesda, MD 20892 (US). **IMMUNOMEDICS, INC.** [US/US]; 300 American Road, Morris Plains, NJ 07950 (US).
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(72, 75) **RYBAK, Susanna, M.** [US/US]; 7411B Round Hill Road, Frederick, MD 20855 (US). **NEWTON, Dianne, L.** [US/US]; 15904 New Bedford Drive, Rockville, MD 20855 (US). **GOLDENBERG, David, M.** [US/US]; 330 Pleasant Valley Road, Mendham, NJ 07945 (US).

(74) **BASTIAN, Kevin, 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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(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) PO 6696 (32) **8 May/mai 1997 (08.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08F 2/38**

(54) ● POLYMERISATION REACTIONS UNDER MINIEMULSION CONDITIONS
● REACTIONS DE POLYMERISATION DANS DES CONDITIONS DE MINI-EMULSION

(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) **DAVIS, Thomas** [AU/AU]; 38 Earl Street, Randwick, NSW 2031 (AU). **GILBERT, Robert** [AU/AU]; Unit 77/19 Queen Street, Newtown, NSW 2042 (AU). **KUKULJ, Dax** [AU/AU]; 75 Fourteenth Avenue, West Hoxton, NSW 2171 (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).

(11) **WO 98/50437** (13) A1

(21) PCT/US98/08997

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/045,621 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08F 2/50, G03F 7/029, C07C 255/47, 49/67, 49/713, 49/755**

(54) ● BIRADICAL PHOTOINITIATORS
● PHOTOAMORCEURS BIRADICAUX

(63) US 60/045,621 (CON)
5 May/mai 1997 (05.05.1997)

(71) **FIRST CHEMICAL CORPORATION** [US/US]; 1001 Industrial Road, Pascagoula, MS 39581-3237 (US). **UNIVERSITY OF SOUTHERN MISSISSIPPI** [US/US]; P.O. Box 10076, Hattiesburg, MS 39406-0076 (US).
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(72, 75) **NAGARAJAN, Rajamani** [IN/US]; 3230 Cumberland Road, #14, Ocean Springs, MS 39564 (US). **BOWERS, Joseph, Stanton, Jr.** [US/US]; 65 South Georgia Avenue, Mobile, AL 36604 (US). **HOYLE, Charles, E.** [US/US]; 3019 Navaho Circle, Hattiesburg, MS 39402 (US). **JÖNSSON, E., Sonny** [SE/SE]; Tomtebgatan 7 II, S-103 39 Stockholm (SE). **EUBANKS, John, R., I.** [US/US]; 6908 Corto Road, Ocean Springs, MS 39564 (US).

(74) **ARROYO, Blas, P.** 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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(25) en (26) en

(31) 60/045,970 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08F 8/18, 12/08, 112/08, 212/08**

(54) ● CHLORIDE LINKER FOR SOLID PHASE ORGANIC SYNTHESIS
● LIEUR CHLORURE POUR SYNTHÈSES ORGANIQUES EN PHASE SOLIDE

(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) **GARIGIPATI, Ravi, S.** [IN/US]; 565 Quaker Lane #121, West Warwick, RI 02893 (US).

(74) **STEIN-FERNANDEZ, Nora** 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 98/50439** (13) A1

(21) PCT/US98/06996

(22) **7 Apr/avr 1998 (07.04.1998)**

(25) en (26) en

(31) 08/852,462 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08F 8/20**

(54) ● PROCESS FOR BROMINATING POLYSTYRENIC RESINS
● PROCEDE DE BROMATION DES RESINES DE POLYSTYRENE

(71) **ALBEMARLE CORPORATION** [US/US]; 451 Florida Street, Baton Rouge, LA 70801-1765 (US).

(72) **DADGAR, Billie, B.**; 240 Leeward Drive, Baton Rouge, LA 70808 (US). **BALHOFF, Donald, E.**; 10535 Ridgely Drive, Baton Rouge, LA 70809 (US). **KOLICH, Charles, H.**; 11804 Parkbrook Avenue, Baton Rouge, LA 70816 (US). **AO, Meng-Sheng**; 5443 Lost Oak Drive, Baton Rouge, LA 70817 (US). **LIN, Homer, C.**; 2823 Galahad Drive, Baton, LA 70816 (US).

(74) **PIPPENGER, Philip, M.** et al. / etc.; Albemarle Corporation, Patent and Trademark Division, 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).

(11) **WO 98/50440** (13) A1

(21) PCT/EP98/02534

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

(25) en (26) en

(31) 08/850,594 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08F 110/06, 4/64**

(54) ● PROCESS FOR PRODUCING TACTIOSELECTIVE POLYOLEFINS IN CONDENSED PHASE USING TITANOCENES

● PROCEDE DE PRODUCTION DE POLYOLEFINES TACTIOSELECTIVES EN PHASE CONDENSEE, A L'AIDE DE TITANOCENES

(71) **MONTELL TECHNOLOGY COMPANY B.V.** [NL/NL]; Hoeksteen 66, NL-2132 MS Hoofddorp (NL).

(72) **EWEN, John, A.**; 14311 Golf View Trail, Houston, TX 77059 (US).

(74) **ZANOLI, Enrico**; Montell Italia S.p.A., Via Pergolesi, 25, I-20124 Milano (IT).

(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 98/50441** (13) A1

(21) PCT/US97/16012

(22) **10 Sep/sep 1997 (10.09.1997)**

(25) en (26) en

(31) 08/853,982 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08F 212/12, G02B 1/04**

(54) ● METHYL STYRENE AS A HIGH INDEX OF REFRACTION MONOMER

● METHYLE STYRENE UTILISE COMME MONOMERE A INDICE DE REFRACTION ELEVE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **FONG, Bettie, C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **OLSON, David, B.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **SCHULTE, Daniel, C.** et al. / etc.; 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).

(11) **WO 98/50442** (13) A1

(21) PCT/US97/15862

(22) **9 Sep/sep 1997 (09.09.1997)**

(25) en (26) en

(31) 08/853,995 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08F 220/22, G02B 1/04**

(54) ● CHEMICAL COMPOSITION AND POLYMERS AND POLYMERIC MATERIALS DERIVED THEREFROM

● COMPOSITION CHIMIQUE, POLYMERES ET MATERIAUX POLYMERES DERIVES DE CETTE COMPOSITION

(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). **FONG, Bettie, C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **SCHULTE, Daniel, C.** 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).

(11) **WO 98/50443** (13) A1

(21) PCT/US98/09072

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 97/05488 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(31) 60/050,814 (32) **26 Jun/juin 1997 (26.06.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08F 226/02, 226/06, 236/22**

(54) ● POLYMERIZABLE COMPOSITIONS BASED ON DIFUNCTIONAL MONOMERS, RESINS AND OPHTHALMIC ARTICLES CONTAINING SAME

● COMPOSITIONS POLYMERISABLES REPOSANT SUR DE MONOMERES BIFONCTIONNELS, RESINES ET PRODUITS OPHTHALMIQUES A BASE DE CES COMPOSITIONS

(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) **HENRY, David** [FR/FR]; 2, rue de la Grange des Noyers, F-91150 Morigny-Champigny (FR).

(74) **HERZFELD, Alexander, R.** et al. / etc.; 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).

(11) **WO 98/50444** (13) A1

(21) PCT/US97/07464

(22) **2 May/mai 1997 (02.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 18/00, 18/32, 18/79, C09D 175/04**

(54) ● COATING COMPOSITIONS CONTAINING EPOXY AND ALDIMINE COMPONENTS

● COMPOSITIONS DE REVETEMENT CONTENANT DES COMPOSANTS EPOXY ET ALDIMINE

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

(72) **HARPER, Lee, R.**; 330 S. Middletown Road, Media, PA 19063 (US).

(74) **COSTELLO, James, A.**; E.I. du Pont de Nemours and Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

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

(11) **WO 98/50445** (13) A1

(21) PCT/EP98/02684

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 97107536.1 (32) **7 May/mai 1997 (07.05.1997)** (33) EP

(34) BE et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 18/62, C09D 5/00**

(54) ● PRIMER FOR PVC-PLASTISOL

● COUCHE DE FOND DESTINEE A DU PVC-PLASTISOL

(71) **FINA RESEARCH S.A.** [BE/BE]; Zone Industrielle C, B-7181 Senefé (Feluy) (BE). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BELLADONE, Michel** [BE/BE]; Reigerslaan 16, B-1800 Vilvoorde (BE). **BONFITTO, Nazario** [BE/BE]; Rue de Baume 18, B-7100 La Louvière (BE). **PIGEOLET, Philippe** [BE/BE]; Rue Haute 95, B-1435 Corbais (BE).

(74) **FINA RESEARCH S.A.**; Patent Dept., Zone Industrielle C, B-7181 Senefé (Feluy) (BE).

(81) AM AT AU BB BG BR BY CA CH CN CU 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 TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50446** (13) A1

(21) PCT/US98/08605

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

(25) en (26) en

(31) 60/045,782 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 18/76, C08J 9/08, C08G 18/66, C08K 5/54**

(54) ● FLEXIBLE, SUBSTANTIALLY OPEN CELL POLYURETHANE FOAM AND METHOD OF MAKING SAME

● MOUSSE DE POLYURETHANE SOUPLE A ALVEOLES SENSIBLEMENT OUVERTES ET SON PROCEDE DE PRODUCTION

(71) **MAGLA WORLD-WIDE L.L.C.** [-/US]; Villa Real Dev., Suite 1, 2 Street D-7, Vega Baja, Puerto Rico 00693 (US).

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

(72, 75) **MATTESKY, Henry** [US/US]; 8 DePaolo Court, Roseland, NJ 07068 (US).

(74) **BEHR, Omri, M.**; 325 Pierson Avenue, Edison, NJ 08837 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50447** (13) A1

(21) PCT/EP98/02449

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

(25) en (26) en

(31) 1056/97 (32) **6 May/mai 1997 (06.05.1997)** (33) CH

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 59/12, 59/14, 59/18, 59/22, 59/42, 59/62, C09D 163/00, 133/00, C08L 63/00, C08G 59/06**

(54) ● MODIFIED EPOXY RESIN AND ITS USE AS A FORMULATING COMPONENT FOR HEAT-CURABLE COMPOSITIONS, ESPECIALLY FOR POWDER COATINGS

● RESINE EPOXY MODIFIEE, ET UTILISATION DE CETTE DERNIERE COMME COMPOSANT DE FORMULATION POUR DES COMPOSITIONS THERMO-DURCISSABLES, EN PARTICULIER, POUR DES REVETEMENTS SOUS FORME DE POUDRES

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH).

(72) **FRISCHINGER, Isabelle**; 12, rue de Ferrette, F-68640 Riespach (FR). **FINTER, Jürgen**; Zausstrasse 100, D-79102 Freiburg (DE). **POGET, Christine**; 5, chemin de Champsavaux, CH-1807 Blonay (CH). **GOTTIS, Philippe-Guilhaume**; 22, rue Schlumberger, F-68200 Mulhouse (FR).

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

(11) **WO 98/50448** (13) A1

(21) PCT/JP98/01977

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

(25) ja (26) ja

(31) 9/115570 (32) **6 May/mai 1997 (06.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 63/78**

(54) ● PROCESS FOR CONTINUOUSLY PRODUCING POLYESTERS
● PROCEDE DE PRODUCTION CONTINUE DE POLYESTERS

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihom-machi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-8587 (JP).
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(72, 75) **MIYAJIMA, Kazumoto** [JP/JP]; Teijin Limited, Matsuyama Factory, 77, Kitayoshidacho, Matsuyama-shi, Ehime 791-8530 (JP). **KURIHARA, Hideshi** [JP/JP]; Teijin Limited, Matsuyama Factory, 77, Kitayoshidacho, Matsuyama-shi, Ehime 791-8530 (JP).

(74) **MAEDA, Sumihiro**; Teijin Limited, Intellectual Property Dept., 1-1, Uchisaiwaicho 2-Chome, Chiyoda-ku, Tokyo 100-8585 (JP).

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

(11) **WO 98/50449** (13) A1

(21) PCT/US98/08166

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

(25) en (26) en

(31) 08/847,268 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 65/26, C10M 107/34, 145/34, 145/36**

(54) ● OXYALKYLENE-MODIFIED POLYOXYBUTYLENE ALCOHOLS
● ALCOOLS POLYOXYBUTYLIQUES MODIFIES PAR OXYALKYLENE

(71) **THE DOW CHEMICAL COMPANY** [US/US]; 2030 Dow Center, Midland, MI 48674 (US).

(72) **VAN VOORST, Ronald**; Elzenstraat 50, NL-4581 AW Vogelwaard (NL).

(74) **RUHR, Paula, Sanders**; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).

(81) JP KR 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 98/50450** (13) A1

(21) PCT/US98/08981

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/852,967 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 69/08, 69/10, 69/26, 69/28, 69/34, 73/10, C08K 5/16, 5/20, C08L 77/06, 77/08, 79/08**

(54) ● AQUEOUS DISPERSIONS OF POLYAMIDES
● DISPERSIONS AQUEUSES DE POLY-AMIDES

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) **FISCHER, Stephen, A.**; Apartment 4, 9523 South Ryan Green Court, Franklin, WI 53132 (US). **BOUDREAUX, Chase, J.**; 81 Meadowbrook Road, North Wales, PA 19454 (US). **WIGGINS, Michael, S.**; 2405 Hillock Court, Lansdale, PA 19446 (US).

(74) **MEDER, Martin, G.**; 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).

(11) **WO 98/50451** (13) A1

(21) PCT/US98/09208

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,311 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 69/34, 73/10, C08J 3/00, 3/02, 3/20, 3/215, C08K 5/16, 5/20, C08L 77/06, 77/08, 79/08**

(54) ● AQUEOUS DISPERSIONS OF POLYAMIDES
● DISPERSIONS AQUEUSES DE POLY-AMIDES

(71) **HENKEL CORPORATION** [US/US]; Suite 200, 2500 Renaissance Boulevard, Gulph Mills, PA 19406 (US).

(72) **FISCHER, Stephen, A.**; Apartment 4, 9523 South Ryan Green Court, Franklin, WI 53132 (US). **BOUDREAUX, Chase, J.**; 81 Meadowbrook Road, North Wales, PA 19454 (US). **WIGGINS, Michael, S.**; 2405 Hillock Court, Lansdale, PA 19446 (US).

(74) **MEDER, Martin, G.**; 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).

(11) **WO 98/50452** (13) A2

(21) PCT/EP98/02787

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 9708825.6 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

(31) 9708823.1 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 81/00**

(54) ● PROCESS FOR PRODUCING A COATING COMPOSITION
● PROCEDE DE PRODUCTION D'UNE COMPOSITION DE REVETEMENT

(71) **IMPERIAL CHEMICAL INDUSTRIES PLC** [GB/GB]; Imperial Chemical House, Millbank, London SW1P 3JF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WILLIAMS, Neal** [GB/GB]; 12 Northington Close, Forest Park, Bracknell, Berkshire RG12 0XT (GB). **CRAUN, Gary, P.** [US/US]; 409 Crescent Drive, Berea, OH 44107 (US). **SMITH, Beth, A.** [US/US]; 4260 Laurel Glen Drive, Broadview Heights, OH 44147 (US).

(74) **WARD, Steven, Paul**; Patents & Trade Marks Section, Legal Affairs Dept., ICI Paints, Wesham Road, Slough, Berkshire SL2 5DS (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).

(11) **WO 98/50453** (13) A1

(21) PCT/GB98/01276

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 9709045.0 (32) **2 May/mai 1997 (02.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08G 83/00**

(54) ● POLYMERS AND THEIR PREPARATION
● POLYMERES ET PREPARATION DE CES POLYMERES

(71) **COURTAULDS COATINGS (HOLDINGS) LIMITED** [GB/GB]; 50 George Street, London W1A 2BB (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DAVIS, Nicola, Jane** [GB/GB]; 26 Dorothy Powell Way, Walsgrave, Coventry CV2 2TN (GB). **RANNARD, Steven, Paul** [GB/GB]; 26 Oak Road, Tiddington, Stratford-Upon-Avon, Warwickshire CV37 7BU (GB).

(74) **HALE, Stephen, Geoffrey**; J.Y. & G.W. Johnson, Kingsbourne House, 229-231 High Holborn, London WC1V 7DP (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).

(11) **WO 98/50454** (13) A1

(21) PCT/US98/09004

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,356 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08J 3/12, C09J 5/06**

(54) ● ANTIBLOCK COATING FOR HOT MELT ADHESIVES
● REVETEMENT ANTI-ADHERENT POUR ADHESIF THERMO-FUSIBLE

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

(72) **MILLER, Richard, Anthony**; 304 Coralwood Drive, Kingsport, TN 37663-2714 (US). **THOMPSON, Rickey**; 112 Pickens Court, Kingsport, TN 37664 (US).

(74) **KATZ, Mitchell, A.** et al. / etc.; Needle & Rosenberg, P.C., 127 Peachtree Street, N.E., Atlanta, GA 30303 (US).

(81) BR CN JP KR MX 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 98/50455** (13) A1

(21) PCT/IE98/00035

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9709350.4 (32) **8 May/mai 1997 (08.05.1997)** (33) GB

(31) 9709772.9 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(31) 9709773.7 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(31) 9709774.5 (32) **14 May/mai 1997 (14.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08J 5/18, C08L 29/04**

(54) ● BIODEGRADABLE MATERIALS AND PRODUCTS AND METHODS FOR THEIR MANUFACTURE
● MATERIAUX ET PRODUITS BIODEGRADABLES ET PROCÉDES SERVANT A LES FABRIQUER

(71) **POLYVAL RESEARCH LIMITED** [IE/IE]; 149 Lower Baggot Street, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TAYLOR, Paul** [GB/GB]; 143a Regent on the River, Townmead Road, Fulham, London SW6 (GB). **GONINAN, Kevin, Mark** [GB/GB]; 49 Silverberry Road, Weston-Super-Mare, Somerset (GB). **RHATIGAN, Brian, Michael** [IE/IE];

Bri-odi, Brennanstown Road, Carrickmines, Dublin 18 (IE). **O'SULLIVAN, Patrick, Joseph** [IE/IE]; 28 Ailesbury Drive, Ballsbridge, Dublin 4 (IE).

(74) **F.F. GORMAN & CO.**; 54 Merrion Square, Dublin 2 (IE).

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

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(11) **WO 98/50456** (13) A1

(21) PCT/JP98/02002

(22) **1 May/mai 1998 (01.05.1998)**

(25) ja (26) ja

(31) 9/115572 (32) **6 May/mai 1997 (06.05.1997)** (33) JP

(31) 9/173799 (32) **30 Jun/juin 1997 (30.06.1997)** (33) JP

(31) 9/232431 (32) **28 Aug/août 1997 (28.08.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08J 5/18, C08G 63/193, 63/60, G03C 1/795, G11B 5/704 // C08L 67:02**

(54) ● BIAXIALLY ORIENTED POLYETHYLENE NAPHTHALATE COPOLYMER FILM

● FILM DE COPOLYMERE DE NAPHTHALATE DE POLYETHYLENE A ORIENTATION BIAZIALE

(71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihom-machi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TSUKAMOTO, Ryoji** [JP/JP]; Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP). **TERAMOTO, Mitsuru** [JP/JP]; Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP). **ITO, Seiji** [JP/JP]; Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP). **KOSUGE, Masahiko** [JP/JP]; Teijin Limited, Matsuyama Factory, 77, Kitayoshida-cho, Matsuyama-shi, Ehime 791-8041 (JP).

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

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

(11) **WO 98/50457** (13) A1

(21) PCT/US98/08774

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/046,814 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08J 5/22, C25B 13/00, H01M 8/10**

(54) ● COMPOSITE MEMBRANE WITH HIGHLY CRYSTALLINE POROUS SUPPORT

● MEMBRANE COMPOSITE A SUPPORT POROUS FORTEMENT CRISTALLIN

(71, 72) **SPETHMANN, Jeffrey, E.** [US/US]; 226 West Fairwood Drive, Chalfont, PA 18914 (US). **KEATING, James, T.** [US/US]; 1709 Gunning Drive, Wilmington, DE 19803 (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).

(11) **WO 98/50458** (13) A1

(21) PCT/US98/08750

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,501 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08J 9/00, 9/14 // C08L 61/06**

(54) ● METHOD FOR MAKING A CLOSED-CELL PHENOLIC RESIN FOAM

● PROCÉDE DE FORMATION D'UNE RESINE PHENOLIQUE EXPANSEE A CELLULES FERMÉES

(71) **JIFFY FOAM, INCORPORATED** [US/US]; R.R. 1, Box 408, Roncerverte, WV 24970 (US).

(72) **RADER, Samuel, L.**; Apartment #5, 203 Blackbird Way, Lewisburg, WV 24901 (US).

(74) **MELCHER, Jeffrey, S.**; Farkas & Manelli, PLLC, 7th floor, 2000 M Street, N.W., Washington, DC 20036-3307 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50459** (13) A1

(21) PCT/US98/09319

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/853,130 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 60/045,942 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 60/045,990 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C08J 11/04**

(54) ● NONAQUEOUS OZONATION OF VULCANIZED RUBBER

- OZONISATION NON AQUEUSE DE CAOUTCHOU VULCANISE
- (71) **WESTINGHOUSE SAVANNAH RIVER COMPANY** [US/US]; Building 730-B, P.O. Box 616, Aiken, SC 29803 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SERKIZ, Steven, M.** [US/US]; 190 Northwood Drive, Aiken, SC 29803 (US).
- (74) **HARDAWAY, John, B., III** et al. / etc.; Hardaway Law Firm P.A., P.O. Box 10107, Federal Station, Greenville, SC 29603 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50460** (13) A1
(21) PCT/US97/07524
(22) **2 May/mai 1997 (02.05.1997)**
(25) en (26) en
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C08K 3/10**
(54) ● HIGH STRENGTH FLEXIBLE MAGNETIC PAD
● COUSSINET MAGNETIQUE FLEXIBLE A HAUTE RESISTANCE
- (71) **MTT, INC.** [US/US]; 1701 W. Walnut Hill Lane, Dallas, TX 75038 (US).
- (71, 72) **HAMPTON, Thomas, C.** [US/US]; 507 Riverside Drive, Linden, MI 48451 (US).
- (74) **O'NEIL, Michael, A.** et al. / etc.; Gardere & Wynne, L.L.P., Suite 3000, 1601 Elm Street, Dallas, TX 75201 (US).
- (81) AL AM AU BA BB BG BR CA CN CU CZ EE FI GE HU IL IS JP KG KP KR LC LK LR LT LV MD MG MK MN MX NO NZ PL RO SG SI SK TR TT UA 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 98/50461** (13) A1
(21) PCT/US98/09000
(22) **4 May/mai 1998 (04.05.1998)**
(25) en (26) en
(31) 08/851,306 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C08K 3/10, 5/10, 5/09, 5/51**
(54) ● ENCRUSTATION AND BACTERIAL RESISTANT COATINGS FOR MEDICAL APPLICATIONS
● REVETEMENT A FINS MEDICALES RESISTANT AUX BACTERIES ET AUX INCRUSTATIONS
- (71) **ICET, INC.** [US/US]; Unit 12, 916 Pleasant Street, Norwood, MA 02062 (US).
- (72) **SARANGAPANI, Shantha**; 17 Rose Marie Lane, Walpole, MA 02081 (US).
- (74) **BEVILACQUA, Michael, J.** et al. / etc.; Hale and Dorr LLP, 60 State Street, Boston, MA 02109 (US).
- (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
- Published / Publiée : (c)
-
- (11) **WO 98/50462** (13) A1
(21) PCT/EP98/02652
(22) **5 May/mai 1998 (05.05.1998)**
(25) fr (26) fr
(31) 97/05887 (32) **7 May/mai 1997 (07.05.1997)** (33) FR
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C08K 9/02, C08C 19/44, B60C 1/00, C08L 21/00**
(54) ● RUBBER COMPOSITION BASED ON CARBON BLACK WITH SILICA FIXED ON ITS SURFACE AND FUNCTIONALISED POLYMER CONTAINING DIENE OR MODIFIED BY SILANOL FUNCTIONS
● COMPOSITION DE CAOUTCHOU A BASE DE NOIR DE CARBONE AYANT DE LA SILICE FIXEE A SA SURFACE ET DE POLYMERE DIENIQUE FONCTIONNALISE OU MODIFIE PAR DES FONCTIONS SILANOLS
- (71) **COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN - MICHELIN & CIE** [FR/FR]; 12, cours Sablon, F-63040 Clermont-Ferrand Cedex 09 (FR).
- (72) **LABAUZE, Gérard**; 3, rue du Parc de Montjuzet, F-63100 Clermont-Ferrand (FR).
- (74) **COHEN, Sylvia**; Michelin & Cie, Service SGD/LG/PI-LAD, F-63040 Clermont-Ferrand Cedex 09 (FR).
- (81) CN KR.
-
- (11) **WO 98/50463** (13) A1
(21) PCT/CA98/00440
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 2,204,229 (32) **1 May/mai 1997 (01.05.1997)** (33) CA
(31) 2,205,741 (32) **16 May/mai 1997 (16.05.1997)** (33) CA
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C08L 19/00**
(54) ● THERMOPLASTIC ELASTOMER COMPOSITIONS
● COMPOSITIONS D'ELASTOMERE THERMOPLASTIQUE
- (71) **NRI TECHNOLOGY INC.** [CA/CA]; 394 Symington Avenue, Toronto, Ontario M6N 2W3 (CA).
- (72) **JURY, James, R.**; 19 Havenbrook Court, Brampton, Ontario L6S 2B4 (CA). **CHIEN, Alfred, Wing, Yan**; 143 Berwick Crescent, Richmond Hill, Ontario L4C 0B5 (CA).
- (74) **RIDOUT & MAYBEE**; Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (CA).
- (81) AU CA CN JP KR; 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 98/50464** (13) A1
(21) PCT/US98/08863
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 60/045,632 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(31) 60/062,591 (32) **20 Oct/oct 1997 (20.10.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C08L 21/00, 23/28, B60C 1/00 // (C08L 21/00, 23/28) (C08L 23/28, 21:00)**
(54) ● COMPOSITION FOR TIRE SIDEWALLS AND OTHER RUBBER CONSTRUCTIONS
● COMPOSITION POUR FLANCS DE PNEUS ET AUTRES STRUCTURES EN CAOUTCHOU
- (71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 5200 Bayway Drive, Baytown, TX 77520-5200 (US).
- (72) **MCEL RATH, Kenneth, O.**; 4314 Village Corner Drive, Houston, TX 77059 (US). **TSE, Mun-Fu**; 1706 Fair Oaks Drive, Seabrook, TX 77586 (US). **TISLER, Andrew, L.**; 1806 Threeflower Court, Kingwood, TX 77345 (US).
- (74) **PEEBLES, Brent, M.** et al. / etc.; Exxon Chemical Company, P.O. Box 2149, Baytown, TX 77522-2149 (US).
- (81) AT BR CA CN CZ HU JP KR MX PL; EA (AM AZ BY KG 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)
-
- (11) **WO 98/50465** (13) A1
(21) PCT/NL98/00232
(22) **27 Apr/avr 1998 (27.04.1998)**
(25) en (26) en
(31) 60/045,504 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(31) 97201432.8 (32) **22 May/mai 1997 (22.05.1997)** (33) EP
(34) NL et al. / etc.
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C08L 23/00, 77/00, 53/00**
(54) ● THERMOPLASTIC ELASTOMER COMPOSITION ADAPTED FOR ADHESION TO POLAR MATERIALS
● COMPOSITION D'ELASTOMERE THERMOPLASTIQUE ADAPTEE POUR UNE ADHESION A DES MATIERES POLAIRES
- (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) **BRZOSKOWSKI, Ryszard** [PL/US]; 644 Pheasant Hill, Acton, MA 01718 (US). **SADEGHI, Mohammad, Reza** [US/US]; 70 Holland Woods Road, Leominster, MA 01453 (US).
- (74) **NIEUWKAMP, Johannes, Gerardus, Maria**; Octroibureau DSM, P.O. Box 9, NL-6160 MA Geleen (NL).
- (81) BR CA CN CZ JP MX US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50466** (13) A1
 (21) PCT/JP98/02018
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) ja (26) ja
 (31) 9/116839 (32) **7 May/mai 1997 (07.05.1997)** (33) JP
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C08L 23/26, B32B 27/28, C08J 5/18**
 (54) ● RESIN MATERIALS AND FILMS MADE THEREFROM
 ● MATERIAUX EN RESINE ET FILMS PRODUITS A PARTIR DE CEUX-CI
 (71) **SUMITOMO CHEMICAL COMPANY, LIMITED** [JP/JP]; 5-33, Kitahama 4-chome, Chuo-ku, Osaka-shi, Osaka 541-0041 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HANADA, Satoshi** [JP/JP]; 1-2-40-205, Hirata, Ibaraki-shi, Osaka 567-0845 (JP). **KURODA, Ryuma** [JP/JP]; 2-1-242, Kuwata-cho, Ibaraki-shi, Osaka 567-0841 (JP). **SAKAYA, Taiichi** [JP/JP]; 1-9-1-309, Tamagawa, Takatsuki-shi, Osaka 569-0857 (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) 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 98/50467** (13) A1
 (21) PCT/JP98/01426
 (22) **30 Mar/mar 1998 (30.03.1998)**
 (25) ja (26) ja
 (31) 9/151471 (32) **5 May/mai 1997 (05.05.1997)** (33) JP
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C08L 61/12, C08G 8/20**
 (54) ● RESIN COMPOSITION AND BOARD MADE BY USING THE SAME
 ● COMPOSITION DE RESINE ET PANNEAU REALISE AVEC CETTE RESINE
 (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) CN JP US 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 98/50468** (13) A1
 (21) PCT/JP98/01824
 (22) **21 Apr/avr 1998 (21.04.1998)**
 (25) ja (26) ja
 (31) 9/115456 (32) **6 May/mai 1997 (06.05.1997)** (33) JP
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C08L 69/00, C08K 5/521, H01M 2/10 // (C08L 69/00, 51/00, 27/18)**
 (54) ● FLAME-RETARDANT POLYCARBONATE RESIN COMPOSITION AND ELECTRICAL AND ELECTRONIC COMPONENTS MADE BY MOLDING THE SAME
 ● COMPOSITION IGNIFUGE DE RESINE DE POLYCARBONATE, COMPOSANTS ELECTRIQUES ET ELECTRONIQUES FABRIQUES PAR MOULAGE DE CETTE COMPOSITION
 (71) **IDEMITSU PETROCHEMICAL CO., LTD.** [JP/JP]; 6-1, Shiba 5-chome, Minato-ku, Tokyo 108-0014 (JP).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **ITAGAKI, Hiroshi** [JP/JP]; 1-1, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
 (74) **TOHEI, Masamichi**; Idemitsu Kosan Co., Ltd., 24-4, Anesakikaigan, Ichihara-shi, Chiba 299-0107 (JP).
 (81) US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50469** (13) A1
 (21) PCT/US98/09128
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 08/851,127 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C08L 95/00, C09D 195/00**
 (54) ● PAVEMENT AGGREGATE TREATING COMPOSITION
 ● COMPOSITION DE TRAITEMENT D'AGREGAT DE CHAUSSEE
 (71) **K.A.E. PAVING CONSULTANTS, INC.** [US/US]; 2531 Club House Drive, Wexford, PA 15090 (US).
 (72) **McGOVERN, Edward, W.**; 265 Shadowlawn Avenue, Pittsburgh, PA 15216 (US).
 (74) **JOHNSON, Barbara, E.** et al. / etc.; Webb Liesenheim Bruening Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (US).
 (81) BR CA JP MX.
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- (11) **WO 98/50470** (13) A1
 (21) PCT/EP98/02240
 (22) **16 Apr/avr 1998 (16.04.1998)**
 (25) de (26) de
 (31) 197 18 659.9 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C09B 35/64, 69/10, 67/22 // D06P 3/32, C09D 11/02, D21H 21/28**
 (54) ● OLIGOMER AZO COLORANTS
 ● COLORANTS AZO OLIGOMERES
 (71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **SCHRÖDER, Gunter-Rudolf** [DE/DE]; Zietenstrasse 95, D-68259 Mannheim (DE). **FREUND, Torsten** [DE/DE]; Römerweg 11, D-67117 Limburgerhof (DE). **MAYER, Udo** [DE/DE]; Max-Slevogt-Strasse 27, D-67227 Frankenthal (DE). **ETZBACH, Karl-Heinz** [DE/DE]; Jean-Ganss-Strasse 46, D-67227 Frankenthal (DE).
 (74) **BASF AKTIENGESELLSCHAFT**; D-67056 Ludwigshafen (DE).
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- (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).
 Published / Publiée : (c)
-
- (11) **WO 98/50471** (13) A1
 (21) PCT/US98/08451
 (22) **24 Apr/avr 1998 (24.04.1998)**
 (25) en (26) en
 (31) 08/853,928 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C09C 1/00, 3/04, 3/08, A61K 7/00**
 (54) ● BLENDED NACREOUS PIGMENTS, COLORANTS AND ADJUVANTS
 ● MELANGES DE NACRES ARTIFICIELLES, COLORANTS ET ADJUVANTS
 (71) **ENGELHARD CORPORATION** [US/US]; 101 Wood Avenue, Iselin, NJ 08830 (US).
 (72) **GALE, Jeannine, M.**; 1209 Jackson Street, Peekskill, NY 10566 (US). **AUCAR, Betty, F.**; 63 Ganung Drive, Ossining, NY 10562 (US). **CHRISTIE, James, D.**; Apartment #2, 63 Wallace Street, Tuckahoe, NY 10707 (US).
 (74) **MEILMAN, Edward, A.** et al. / etc.; Ostrolenk, Faber, Gerb & Soffen, LLP, 1180 Avenue of the Americas, New York, NY 10036 (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 98/50472** (13) A1
 (21) PCT/US97/08451
 (22) **19 May/mai 1997 (19.05.1997)**
 (25) en (26) en
 (31) 08/854,024 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C09C 1/36, 1/00, C09D 17/00, 7/12**
 (54) ● TITANIUM DIOXIDE PARTICLES WITH ADHERING DISCRETE INORGANIC PARTICLES
 ● PARTICULES DE DIOXYDE DE TITANE AVEC PARTICULES INORGANIQUES ADHESIVES SEPARÉES
 (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
 (72) **BOLT, John, Davis**; 3309 Appleton Road, Landenberg, PA 19350 (US).
 (74) **SULLIVAN, Daniel, W.**; E.I. du Pont de Nemours and Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).
 (81) AU CA JP SG; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50473** (13) A1
 (21) PCT/JP98/02006

- (22) **6 May/mai 1998 (06.05.1998)**
 (25) ja (26) ja
 (31) 9/116619 (32) **7 May/mai 1997 (07.05.1997)** (33) JP
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C09D 11/18**
 (54) ● AQUEOUS PIGMENT-BASED BALL-POINT INK HAVING WHITE COLOR TONE
 ● ENCRE POUR STYLO A BILLE A BASE D'UN PIGMENT AQUEUX DE COULEUR BLANCHE
- (71) **MITSUBISHI PENCIL KABUSHIKI KAISHA** [JP/JP]; 23-37, Higashi Ohi 5-chome, Shinagawa-ku, Tokyo 140-8537 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **MIYAMOTO, Masaru** [JP/JP]; 13-8-207, Idogayashimo-cho, Minami-ku, Yokohama-shi, Kanagawa 232-0053 (JP). **SHINOZUKA, Miki** [JP/JP]; 2-10-25-205, Ebanishi, Naka-ku, Hiroshima-shi, Hiroshima 730-0831 (JP). **KAMAGATA, Tadashi** [JP/JP]; 4-12-11-403, Okamura, Isogo-ku, Yokohama-shi, Kanagawa 235-0021 (JP).
- (74) **FUJIMOTO, Hiromitsu** et al. / etc.; Fujimoto Patent & Law Office, Sanno Grand Building 3F, Room 317, 14-2, Nagata-cho 2-chome, Chiyoda-ku, Tokyo 100-0014 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50474** (13) A1
 (21) PCT/GB98/00861
 (22) **20 Mar/mar 1998 (20.03.1998)**
 (25) en (26) en
 (31) 9708814.0 (32) **1 May/mai 1997 (01.05.1997)** (33) GB
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C09D 17/00, 7/02, 11/02, C09B 67/00, B01F 17/12, C08K 5/42**
 (54) ● USE OF COLOURLESS POLYCYCLIC SULPHONATES
 ● UTILISATION DE SULFONATES POLYCYCLIQUES INCOLORES
- (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) **THETFORD, Dean** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB). **SCHOFIELD, John, David** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB).
- (74) **FAWKES, David, Melville**; Intellectual Property Group, Zeneca Specialties, 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 98/50474** (13) A1
 (21) PCT/CA98/00435
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 60/045,821 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C09J 1/02, 103/00, 103/02**
 (54) ● ADHESIVE COMPOSITIONS FOR CORRUGATED BOXES
 ● COMPOSITIONS ADHESIVES POUR CAISSES EN CARTON ONDULE
- (71) **NATIONAL SILICATES LTD.** [CA/CA]; 429 Kipling Avenue, Etobicoke, Ontario M8Z 5C7 (CA).
- (72) **HAGENS, Rodger, Graham**; 12 Kenmore Road, Hamilton, Ontario L8S 3T7 (CA). **McDONALD, Michael**; 137 Dowling Avenue, Toronto, Ontario M6K 3A9 (CA). **MILLARD, William**; 26 Maple Avenue South, Mississauga, Ontario L5H 2R6 (CA).
- (74) **MITCHELL, Randall, S.** et al. / etc.; Ridout & Maybee, Suite 2400, One Queen Street East, Toronto, Ontario M5C 3B1 (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 98/50476** (13) A1
 (21) PCT/IE98/00034
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 9709352.0 (32) **8 May/mai 1997 (08.05.1997)** (33) GB
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C09D 129/04, B05D 5/08, C09D 5/20**
 (54) ● COATING METHOD POLYVINYL ALCOHOL
 ● PROCEDE DE REVETEMENT A BASE DE POLYVINYLALCOOL
- (71) **POLYVAL MANUFACTURING LIMITED** [IE/IE]; 149 Lower Baggot Street, Dublin 2 (IE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **TAYLOR, Paul** [GB/GB]; 143a Regent on the River, Townmead Road, Fulham, London SW6 (GB).
- (74) **F.F. GORMAN & CO.**; 54 Merrion Square, Dublin 2 (IE).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)

- (11) **WO 98/50479** (13) A1
 (21) PCT/EP98/02783
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) en (26) en
 (31) 9/114691 (32) **2 May/mai 1997 (02.05.1997)** (33) JP

- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C09J 127/16, C08L 27/16, H01M 4/62 // (C09J 127/16, 151:00) (C08L 27/16, 51:00)**

- (54) ● A POLYVINYLIDENE FLUORIDE METAL-ADHESIVE COMPOSITION AND AN ELECTRODE FOR A BATTERY
 ● COMPOSITION ADHERANT A DU METAL ET CONTENANT DU FLUORURE DE POLYVINYLIDENE, ET ELECTRODE DESTINEE A UN ACCUMULATEUR

- (71) **ELF ATOCHEM S.A.** [FR/FR]; 4/8, cours Michelet, F-92800 Puteaux (FR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **OHASHI, Kazuyoshi** [JP/JP]; Elf Atochem Japan K.K., Kyoto Technical Center, 1 Chudoji, Awata-cho, Chudoji, Shimogyo-ku, Kyoto 600 (JP). **MIYAKI, Yoshiyuki** [JP/JP]; Elf Atochem Japan K.K., Kyoto Technical Center, 1 Chudoji, Awata-cho, Chudoji, Shimogyo-ku, Kyoto 600 (JP).

- (74) **KAPLAN, Jean-Pierre**; Elf Atochem S.A., 4/8, cours Michelet, La Défense 10, F-92091 Paris la Défense Cedex (FR).

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

Published / Publiée : (c)

- (11) **WO 98/50480** (13) A1
 (21) PCT/US97/07505
 (22) **5 May/mai 1997 (05.05.1997)**
 (25) en (26) en
 (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **C09J 163/00, 133/06**
 (54) ● ADHESIVE COMPOSITIONS THAT ARE REMOVABLE AFTER THERMOSETTING
 ● COMPOSITIONS ADHESIVES ENLEVABLES APRES THERMODURCISSEMENT

- (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) **WAID, Robert, D.** [US/US]; 2983 Granada Lane North, Oakdale, MN 55128 (US).

- (74) **SKOLNICK, Steven, E.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

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

- (11) **WO 98/50481** (13) A1
 (21) PCT/US98/09148
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 60/046,118 (32) **9 May/mai 1997 (09.05.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **C09J 201/02, D21H 27/32**

- (54) ● ADHESIVE COMPOSITION PROVIDING A SIGNAL MEANS AND ADHESIVELY LAMINATED PAPER PRODUCT
 ● COMPOSITION ADHESIVE FOURNISSANT UN SIGNAL VISUEL ET PRODUIT EN PAPIER CONTRECOLLE

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

- (72) **BOUTLIER, Glenn, David**; 10566 Stablehand Drive, Cincinnati, OH 45242 (US). **BARFORD, Brian, Dale**; 8002 Quail Hollow Court, West Chester, OH 45069 (US). **BOATMAN, Donn, Nathan**; 7536 Carole Lane, Florence, KY 41042 (US). **KRAUS, Christopher, Scott**; 8907 Yorkridge Road, Guilford, IN 47022 (US). **PEKEL, Rhonda, Lee**; Apartment #2, 1208 Wareham Drive, Cincinnati, OH 45202 (US). **WEGELE, George, Vincent**; 5638 Macey Avenue, Cincinnati, OH 45227 (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 98/50482** (13) A1
 (21) PCT/US98/09149

- (22) **8 May/mai 1998 (08.05.1998)**

- (25) en (26) en

- (31) 60/046,118 (32) **9 May/mai 1997 (09.05.1997)** (33) US

- (31) 09/065,916 (32) **24 Apr/avr 1998 (24.04.1998)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **C09J 201/02, D21H 27/32**

- (54) ● PIGMENTED ADHESIVE COMPOSITION FOR LAMINATING TISSUE PAPER PRODUCTS AND METHODS FOR PRODUCING SUCH COMPOSITIONS
 ● COMPOSITION ADHESIVE PIGMENTEE POUR CONTRECOLLER DES PRODUITS EN PAPIER DE SOIE ET PROCÉDES POUR PRODUIRE DE TELLES COMPOSITIONS

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

- (72) **NUNES, Raul, Victorino**; 173 Shoemaker Drive, Loveland, OH 45140 (US). **EVERS-SMITH, Linda**; 20051 Black Oak Road, Fayetteville, OH 45118 (US). **BOATMAN, Donn, Nathan**; 7536 Carole Lane, Florence, KY 41042 (US). **KRAUS, Christopher, Scott**; 8907 Yorkridge Road, Guilford, IN 47022 (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 98/50483** (13) A1
 (21) PCT/US98/08568

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

- (25) en (26) en

- (31) 60/046,120 (32) **9 May/mai 1997 (09.05.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **C09K 5/00**

- (54) ● THERMAL FLUID BLENDS CONTAINING 1,2,3,4-TETRAHYDRO(1-PHENYLETHYL)NAPHTHALENE

- MELANGES DE FLUIDES THERMIQUES CONTENANT DU 1,2,3,4-TETRAHYDRO(1-PHENYLETHYL) NAPHTHALENE

- (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) **MENDOZA, Abel** [MX/US]; 3001 Gibson Street, Midland, MI 48640 (US). **CUTHBERT, John, B.** [US/US]; 128 Helen, Midland, MI 48640 (US).

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

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- (11) **WO 98/50484** (13) A1
 (21) PCT/US98/09123

- (22) **5 May/mai 1998 (05.05.1998)**

- (25) en (26) en

- (31) 08/851,677 (32) **6 May/mai 1997 (06.05.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **C09K 7/06, B01J 13/00**

- (54) ● HIGH TEMPERATURE ENVIRONMENTALLY BENIGN DRILLING FLUID, AND VISCOSIFYING ADDITIVES FOR USE THEREWITH

- FLUIDE DE FORAGE HAUTE TEMPERATURE SANS DANGER POUR L'ENVIRONNEMENT ET ADDITIFS D'AMELIORATION DE VISCOSITE S'UTILISANT AVEC CE FLUIDE

- (71) **SOUTHERN CLAY PRODUCTS, INC.** [US/US]; 1212 Church Street, Gonzales, TX 78629 (US).

(72) **CARROLL, Paul, W.**; Route 1, Box 58A, Gonzales, TX 78629 (US). **DURHAM, David, Hugh**; 42 Park Place, Gonzales, TX 78629 (US). **FARROW, Thomas, C.**; Route 1, Box 64, Gonzales, TX 78629 (US).

(74) **KLAUBER, Stefan, J.** et al. / etc.; Klauber & Jackson, 411 Hackensack Avenue, Hackensack, NJ 07601 (US).

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

(11) **WO 98/50485** (13) A1

(21) PCT/US98/08685

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

(25) en (26) en

(31) 08/850,564 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, C07C 1/04**

(54) ● HYDROCARBON SYNTHESIS USING REACTOR TAIL GAS FOR CATALYST REJUVENATION

● SYNTHESE D'HYDROCARBURE A L'AIDE DE GAZ RESIDUAIRES DE REACTEUR POUR REGENERER DES CATALYSEURS

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **BAUMAN, Richard, F.**; 8031 Oak Hollow Drive, Baton Rouge, LA 70810 (US). **DEGEORGE, Charles, W.**; 208 North Road, Chester, NJ 07930 (US). **FIATO, Rocco, An.**; 27 Wexford Way, Basking Ridge, NJ 07920 (US). **LEVINESS, Stephen, C.**; 1850 Cloverdale Avenue, Baton Rouge, LA 70808 (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 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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(31) 08/850,566 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, B01J 8/22**

(54) ● HYDROCARBON SYNTHESIS CATALYST SLURRY REJUVENATION WITH GAS DISENGAGEMENT

● REGENERATION PAR LIBERATION DE GAZ D'UNE BOUE DE CATALYSEUR DE SYNTHESE D'HYDROCARBURE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **BEHRMANN, William, C.**; 546 Baird Drive, Baton Rouge, LA 70808 (US). **LEVINESS, Stephen, C.**; 1850 Cloverdale Avenue, Baton Rouge, LA 70808 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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(31) 08/850,355 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00**

(54) ● SLURRY HYDROCARBON SYNTHESIS PROCESS WITH INCREASED CATALYST LIFE

● PROCEDE DE SYNTHESE DE BOUES D'HYDROCARBURES, A DUREE DE VIE PROLONGEE DU CATALYSEUR

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US).

(72) **LEVINESS, Stephen, C.**; 1850 Cloverdale Avenue, Baton Rouge, LA 70808 (US). **MART, Charles, J.**; 1705 Plantation Oak Drive, Baton Rouge, LA 70810 (US). **BEHRMANN, William, C.**; 546 Baird Drive, Baton Rouge, LA 70808 (US). **HSIA, Stephen, J.**; 12524 Newcastle Avenue, Baton Rouge, LA 70816 (US). **NESKORA, Daniel, R.**; 2045 Kleinert Avenue, Baton Rouge, LA 70806 (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 JP 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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(31) 08/850,563 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, B01J 8/22**

(54) ● CATALYST REJUVENATION IN HYDROCARBON SYNTHESIS SLURRY WITH REDUCED SLURRY RECONTAMINATION

● REGENERATION D'UN CATALYSEUR DANS DES BOUES D'HYDROCARBURES DE SYNTHESE A FAIBLE RECONTAMINATION DES BOUES

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US).

(72) **LEVINESS, Stephen, C.**; 1850 Cloverdale Avenue, Baton Rouge, LA 70808 (US). **MITCHELL, Willard, N.**; 156 Summers Bay Drive, Ridgeland, MS 39157 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, C07C 1/04**

(54) ● SLURRY HYDROCARBON SYNTHESIS PROCESS WITH MULTISTAGE CATALYST REJUVENATION

● PROCEDE DE SYNTHESE DE BOUES D'HYDROCARBURES A REGENERATION POLYETAGEE DU CATALYSEUR

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **CHANG, Min**; 4 Quail Run, Warren, NJ 07059 (US). **COULALOGLOU, Constantine, A.**; 20 Coventry Road, Mendham, NJ 07945 (US). **HSIA, Stephen, J.**; 12524 Newcastle Avenue, Baton Rouge, LA 70816 (US). **MART, Charles, J.**; 1705 Plantation Oak Drive, 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 JP 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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(31) 08/850,357 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, B01J 8/22**

(54) ● SLURRY HYDROCARBON SYNTHESIS PROCESS WITH CATALYST REJUVENATION IN EXTERNAL LIFT PIPE

● PROCEDE DE SYNTHESE D'HYDROCARBURES A REGENERATION DU CATALYSEUR DANS UNE COLONNE MONTANTE EXTERIEURE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **MART, Charles, J.**; 1705 Plantation Oak Drive, Baton Rouge, LA 70810 (US). **HSIA, Stephen, J.**; 12524 Newcastle Avenue, Baton Rouge, LA 70816 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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(31) 08/850,565 (32) **2 May/mai 1997** (33) US
(02.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, C07C 1/04**

(54) ● SLURRY HYDROCARBON SYNTHESIS WITH CYCLIC CO PURGE AND CATALYST REJUVENATION

● SYNTHESE DE BOUES D'HYDROCARBURES A PURGE CYCLIQUE DU CO ET REGENERATION DU CATALYSEUR

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US).

(72) **LEVINESS, Stephen, C.**; 1850 Cloverdale Avenue, Baton Rouge, LA 70808 (US). **MITCHELL, Willard, N.**; 156 Summers Bay Drive, Ridgeland, MS 39157 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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(31) 08/851,866 (32) **6 May/mai 1997** (33) US
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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, B01J 8/22**

(54) ● SLURRY HYDROCARBON SYNTHESIS WITH DOWNCOMER FED PRODUCT FILTRATION

● SYNTHESE D'HYDROCARBURES DANS UNE SUSPENSION, AVEC FILTRATION DES PRODUITS ACHEMINES PAR UN DEVERSOIR

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **LEVINESS, Stephen, C.**; 1850 Cloverdale Avenue, Baton Rouge, LA 70808 (US). **MART, Charles, J.**; 1705 Plantation Oak Drive, 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).

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(31) 08/851,868 (32) **6 May/mai 1997** (33) US
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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, B01J 8/22**

(54) ● MULTIZONE DOWNCOMER FOR SLURRY HYDROCARBON SYNTHESIS PROCESS

● DEVERSOIR MULTIZONE POUR SYNTHESE D'HYDROCARBURES DANS UNE SUSPENSION

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **LEVINESS, Stephen, C.**; 1850 Cloverdale Avenue, Baton Rouge, LA 70808 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, B01J 8/22**

(54) ● GAS AND SOLIDS REDUCING SLURRY DOWNCOMER

● DEVERSOIR POUR SUSPENSION A TENEUR REDUITE EN GAZ ET EN SOLIDES.

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **BEHRMANN, William, C.**; 546 Baird Drive, Baton Rouge, LA 70808 (US). **MART, Charles, J.**; 1705 Plantation Oak Drive, 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).

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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 2/00, B01J 8/22**

(54) ● COMBINATION GAS DISENGAGING DOWNCOMER-REJUVENATION TUBE FOR IN-SITU SLURRY CATALYST REJUVENATION

● DEVERSOIR DE SEPARATION DE GAZ ET TUBE DE REGENERATION COMBINES POUR REGENERATION IN SITU DE CATALYSEUR DANS UNE SUSPENSION

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; 180 Park Avenue, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

(72) **CHANG, Min**; 4 Quail Run, Warren, NJ 07059 (US). **COULALOGLOU, Constantine, A.**; 20 Coventry Road, Mendham, NJ 07945 (US). **HSU, Edward, C.**; 316 Eileen Way, Bridgewater, NJ 08807 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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(31) 08/842,465 (32) **5 May/mai 1997** (33) US
(05.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 35/04, B01J 29/06**

(54) ● PROCESS FOR THE CONVERSION OF HYDROCARBONS TO OLEFINS AND AROMATICS

● PROCEDE DE TRANSFORMATION DES HYDROCARBURES EN OLEFINES ET EN HYDROCARBURES AROMATIQUES

(71) **PHILLIPS PETROLEUM COMPANY** [US/US]; 4th and Keeler, Bartlesville, OK 74004 (US).

(72) **DRAKE, Charles, Alfred**; Route 1, Box 206, Nowata, OK 74048 (US). **WU, An-Hsiang**; 854 Concord Drive, Bartlesville, OK 74006 (US).

(74) **WEST, Paul, B.**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50497** (13) A1

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(31) 08/850,358 (32) **2 May/mai 1997** (33) US
(02.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10G 45/64, B01J 29/06**

(54) ● PROCESSES, AND CATALYST FOR UPGRADING WAXY, PARAFFINIC FEEDS

● PROCEDE ET CATALYSEUR PERMETTANT D'AMELIORER DES CHARGES CIREUSES A BASE DE PARAFFINE

(71) **EXXON RESEARCH AND ENGINEERING COMPANY** [US/US]; P.O. Box 390, 180 Park Avenue, Florham Park, NJ 07932-0390 (US).

(72) **WITTENBRINK, Robert, J.**; 836 Shadyglen Drive, Baton Rouge, LA 70816 (US). **KOVEAL, Russell, J., Jr.**; 4723 Beech Harbor, Baton Rouge, LA 70817 (US). **MURPHY, William, J.**; 16445 Coliseum Avenue, Baton Rouge, LA 70816 (US). **CODY, Ian, A.**; 7942 Wrenwood Boulevard, Baton Rouge, LA 70809 (US). **SCHWEIZER, Albert, E.**; 2069 West Magna Carta Place, Baton Rouge, LA 70815 (US).

(74) **SIMON, Jay** et al. / etc.; Exxon Research and Engineering Company, P.O. Box 390, Florham Park, NJ 07932-0390 (US).

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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10J 3/26, 3/84, C10B 53/00**

(54) ● METHOD AND DEVICE FOR THERMAL DISPOSAL OF GASIFIABLE WASTE MATERIAL

● PROCEDE ET DISPOSITIF POUR L'EVACUATION THERMIQUE DE DECHETS GAZEIFIABLES

(71) **HOFFMEISTER, Helmut** [DE/DE]; Goldstrasse 36, D-48147 Münster (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BODE, Carsten** [DE/DE]; Altenberger Strasse 24, D-48161 Münster (DE).

(74) **HOFFMEISTER, Helmut**; Goldstrasse 36, D-48147 Münster (DE).

(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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(31) 197 19 132.0 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(31) 197 19 430.3 (32) **12 May/mai 1997 (12.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10M**

(54) ● POLYALKYLENE GLYCOLS AS LUBRICANTS FOR CO₂-BASED REFRIGERATING MACHINES

● POLYALKYLENE GLYCOLS COMME LUBRIFIANT DE MACHINES FRIGORIFIQUES AU CO₂

(71) **RWE-DEA AKTIENGESELLSCHAFT FÜR MINERALOEL UND CHEMIE** [DE/DE]; Überseering 40, D-22297 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FAHL, Jörg** [DE/DE]; Vogteistrasse 47, D-21079 Hamburg (DE). **PIPE, David, F.** [DE/DE]; Dorotheenstrasse 56, D-22301 Hamburg (DE). **KNICKMEYER, Reiner** [DE/DE]; Beim Schlump 23, D-20144 Hamburg (DE).

(74) **SCHUPFNER, Gerhard, D.**; Müller, Schupfner & Gauger, Karlstrasse 5, D-21244 Buchholz (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).

(11) **WO 98/50500** (13) A1

(21) PCT/JP98/02012

(22) **6 May/mai 1998 (06.05.1998)**

(25) ja (26) ja

(31) 9/131603 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(31) 9/184629 (32) **26 Jun/juin 1997 (26.06.1997)** (33) JP

(31) 10/96954 (32) **26 Mar/mar 1998 (26.03.1998)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10M 159/22, 169/04 // (C10M 169/04, 101:02, 159:22), C10N 10:04, 20:00, 20:02, 30:00, 30:04, 40:25, 70:00**

(54) ● LUBE OIL COMPOSITION, OVERBASED ALKALINE EARTH METAL SULFIDE PHENATE CONCENTRATE USED FOR PREPARING THE SAME, AND PROCESS FOR PREPARING THE CONCENTRATE

● COMPOSITION D'HUILE LUBRIFIANTE, CONCENTRE DE PHENATE DE SULFURE DE METAL ALCALINO-TERREUX HYPERBASIQUE UTILISE DANS LA PREPARATION DE CETTE COMPOSITION ET PROCEDE DE PREPARATION DU CONCENTRE

(71) **COSMO RESEARCH INSTITUTE** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 (JP). **COSMO OIL CO., LTD.** [JP/JP]; 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 (JP).

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(72, 75) **UEDA, Sanae** [JP/JP]; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **IMAI, Jun** [JP/JP]; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **TAKAGI, Yukio** [JP/JP]; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **TAKEYA, Haruhiko** [JP/JP]; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **MASAOKA, Hiromitsu** [JP/JP]; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **DOUNOMAE, Mamoru** [JP/JP]; Cosmo Research Institute, Research & Development Center, 1134-2, Gongendo, Satte-shi, Saitama 340-0112 (JP). **TSUMURA, Kouichi** [JP/JP]; Cosmo Petrotech, Shimotsu Plant, 27-1, Shimotsu, Shimotsu-cho, Kaisou-gun, Wakayama 649-0101 (JP). **NISHISHITA, Makoto** [JP/JP]; Cosmo Oil Co., Ltd., 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-0023 (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) CN SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50501** (13) A1

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

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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C10M 163/00 // (C10M 163/00, 125:26, 133:52, 139:00, 159:20, 159:22, 159:24), C10N 10:04, 20:02, 30:02, 30:06, 40:25, 60:14**

(54) ● LUBRICATING OIL COMPOSITIONS

● COMPOSITIONS D'HUILE LUBRIFIANTE

(71) **EXXON CHEMICAL PATENTS INC.** [US/US]; 1900 East Linden Avenue, Linden, NJ 07036 (US).

(72) **DUNN, Adrian**; 22 Craven Common, Uffington, Faringdon, Oxfordshire SN7 7RN (GB). **LE-NACK, Alain, Louis, Pierre**; 16, rue de la République, F-76000 Rouen (FR). **SKINNER, Philip**; 4 The Cleave, Harwell, Didcot, Oxfordshire OX11 0EW (GB).

(81) 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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(31) 97810272.1 (32) **1 May/mai 1997 (01.05.1997)** (33) EP

(34) AT et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C11D 1/62, 3/37, 3/00**

(54) ● USE OF SELECTED POLYDIORGANOSILOXANES IN FABRIC SOFTENER COMPOSITIONS

● EMPLOI DE POLYDIORGANOSILOXANES SELECTIONNES DANS DES COMPOSITIONS D'AGENTS ADOUCISSANTS

(71) **CIBA SPECIALTY CHEMICALS HOLDING INC.** [CH/CH]; Klybeckstrasse 141, CH-4057 Basel (CH). **CIBA SPEZIALITÄTENCHEMIE PFERSEE GMBH** [DE/DE]; Rehlinger Strasse 1, D-86462 Langweid (DE).

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(72, 75) **SCHAUMANN, Monika** [DE/DE]; Blinde-naaf 30, D-51491 Overath (DE). **KASCHIG, Jürgen** [DE/DE]; Rötbeckweg 30, D-79104 Freiburg (DE). **SCHÄFER, Caroline** [CH/CH]; Rössligasse 66, CH-4125 Riehen (CH). **LEE, Frank** [GB/CH]; Mühlestiegstrasse 45, CH-4125 Riehen (CH). **RÖSSLER, Erich** [DE/DE]; Parkstrasse 13, D-86391 Stadtbergen (DE). **CHROBACZEK, Harald** [DE/DE]; Oblatterwallstrasse 38, D-86153 Augsburg (DE). **WALZ, Dieter** [DE/DE]; Hirtenberg 11, D-86356 Neusäss (DE).

(74) **CIBA SPECIALTY CHEMICALS HOLDING INC.**; Patentabteilung, Klybeckstrasse 141, CH-4057 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 08/851,849 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C11D 1/72, 1/88, 1/94, 3/10, B08B 3/04, 3/08**

- (54) ● AQUEOUS CLEANING COMPOSITION FOR CLEANING SUBSTRATES AND METHOD OF USING SAME
● PRODUIT DE NETTOYAGE AQUEUX POUR LE NETTOYAGE DES SUBSTRATS ET PROCEDE D'UTILISATION CORRESPONDANT
- (71) **CHURCH & DWIGHT COMPANY, INC.** [US/US]; 469 North Harrison Street, Princeton, NJ 08543 (US).
- (72) **CALA, Francis, R.;** 308 South Second Avenue, Highland Park, NJ 08904 (US). **REYNOLDS, Richard, A.;** 2209 Lake Park Drive, Smyrna, GA 30080 (US).
- (74) **DEPAOLI, George, A.;** Suite 1103, 2231 Crystal Drive, Arlington, VA 22202 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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) 08/851,850 (32) **6 May/mai 1997 (06.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C11D 1/825**
(54) ● AQUEOUS CLEANING COMPOSITION FOR CLEANING SUBSTRATES AND METHOD OF USING SAME
● PRODUIT DE NETTOYAGE AQUEUX POUR LE NETTOYAGE DES SUBSTRATS ET PROCEDE D'UTILISATION DE CELUI-CI
(71) **CHURCH & DWIGHT COMPANY, INC.** [US/US]; 469 North Harrison Street, Princeton, NJ 08543 (US).
(72) **CALA, Francis, R.;** 308 South Second Avenue, Highland Park, NJ 08904 (US). **REYNOLDS, Richard, A.;** 2209 Lake Park Drive, Smyrna, GA 30080 (US).
(74) **DEPAOLI, George, A.;** Suite 1103, 2231 Crystal Drive, Arlington, VA 22202 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50505** (13) A1
(21) PCT/US98/06744
(22) **7 Apr/avr 1998 (07.04.1998)**
(25) en (26) en
(31) 08/852,065 (32) **6 May/mai 1997 (06.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C11D 1/94, 1/66, 3/10**

- (54) ● AQUEOUS CLEANING COMPOSITION FOR CLEANING SUBSTRATES AND METHOD OF USING SAME
● PRODUIT DE NETTOYAGE AQUEUX POUR LE NETTOYAGE DES SUBSTRATS ET PROCEDE D'UTILISATION CORRESPONDANT
- (71) **CHURCH & DWIGHT COMPANY, INC.** [US/US]; 469 North Harrison Street, Princeton, NJ 08543 (US).
- (72) **CALA, Francis, R.;** 308 South Second Avenue, Highland Park, NJ 08904 (US). **REYNOLDS, Richard, A.;** 2209 Lake Park Drive, Smyrna, GA 30080 (US).
- (74) **DEPAOLI, George, A.;** Suite 1103, 2231 Crystal Drive, Arlington, VA 22202 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50506** (13) A1
(21) PCT/US98/08534
(22) **28 Apr/avr 1998 (28.04.1998)**
(25) en (26) en
(31) 08/976,129 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C11D 1/94 // 1:29, 1:34, 1:22, 1:66, 1:52, 1:90, 1:72**
(54) ● LIGHT DUTY LIQUID CLEANING COMPOSITIONS
● COMPOSITIONS LIQUIDES DE NETTOYAGE DOUX
(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
(72) **THOMAS, Barbara;** 1007 Lois Court, Princeton, NJ 08540 (US). **GOMES, Gilbert;** 282 Abbey Drive, Somerset, NJ 08873 (US).
(74) **NANFELDT, Richard, E.;** 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).

- (11) **WO 98/50507** (13) A1
(21) PCT/US98/08576
(22) **30 Apr/avr 1998 (30.04.1998)**
(25) en (26) en
(31) 08/976,128 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(31) 08/867,226 (32) **2 Jun/juin 1997 (02.06.1997)** (33) US
(31) 08/827,972 (32) **5 Jun/juin 1997 (05.06.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C11D 1/94 // 1:72, 1:22, 1:12, 1:14, 1:28, 1:52, 1:34**
(54) ● HIGH FOAMING NONIONIC SURFACTANT BASED LIQUID DETERGENT
● DETERGENT LIQUIDE A BASE DE TENSIO-ACTIF NON IONIQUE A FORT POUVOIR MOUSSANT
(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
(72) **THOMAS, Barbara;** 1007 Lois Court, Princeton, NJ 08540 (US). **GOMES, Gilbert;** 282 Abbey Drive, Somerset, NJ 08873 (US).
(74) **NANFELDT, Richard, E.;** Colgate-Palmolive Company, 909 River Road, P.O. Box 1343, 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).

- (11) **WO 98/50508** (13) A1
(21) PCT/US98/08754
(22) **30 Apr/avr 1998 (30.04.1998)**
(25) en (26) en
(31) 08/853,358 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C11D 1/94, 1/86, 1/65, 1/825, 1/83, 17/00**
(54) ● CLEANING COMPOSITIONS
● COMPOSITION NETTOYANTE
(71) **COLGATE-PALMOLIVE COMPANY** [US/US]; 300 Park Avenue, New York, NY 10022 (US).
(72) **DURBUT, Patrick;** 25, avenue des Villas, B-4800 Verviers (BE). **BROZE, Guy;** 32, rue Claskin, B-4460 Grace-Hollogne (BE).
(74) **NANFELDT, Richard, E.;** 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 98/50509** (13) A1
(21) PCT/EP98/02256
(22) **17 Apr/avr 1998 (17.04.1998)**
(25) de (26) de
(31) 197 18 664.5 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C11D 3/00, 3/37, 17/00, 17/06, 11/00

(54) ● METHOD FOR PRODUCING GRANULATES WITH A LONG SHELF LIFE CONTAINING SOIL RELEASE POLYMERS AND THE USE THEREOF FOR THE PRODUCTION OF SOLID DETERGENTS AND CLEANING AGENTS

● PROCEDE DE PRODUCTION DE GRANULES STABLES AU STOCKAGE CONTENANT DES POLYMERES PERMETTANT D'ELIMINER LA SALETTE (SOIL RELEASE POLYMER, SRP) ET LEUR UTILISATION POUR PRODUIRE DES DETERGENTS ET DES NETTOYANTS SOLIDES

(71) CLARIANT GMBH [DE/DE]; Brünningstrasse 50, D-65929 Frankfurt am Main (DE).

(72) SCHULER, Wilfried; Fahnenstrasse 24, D-65551 Limburg (DE). LANG, Frank-Peter; Im Hölhchen 1, D-65795 Hattersheim (DE).

(81) AU BR CA CN CZ HU ID JP 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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(31) 9709065.8 (32) 2 May/mai 1997 (02.05.1997) (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C11D 3/20, 1/66, 1/83, 3/43, 1/14, 3/33

(54) ● HARD SURFACE CLEANING COMPOSITION

● COMPOSITION DE NETTOYAGE POUR SURFACES DURES

(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) CROWLEY, Giles, James; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB). CULLEN, George, Hunter; Unilever Research Port Sunlight, Quarry Road East, Bebington, Wirral, Merseyside L63 3JW (GB). MARTIN, Alexander; 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 NZ 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 98/50511 (13) A1

(21) PCT/EP98/02484

(22) 27 Apr/avr 1998 (27.04.1998)

(25) de (26) de

(31) 197 18 978.4 (32) 5 May/mai 1997 (05.05.1997) (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C11D 3/386, 3/22, 7/42, 7/26

(54) ● METHOD FOR PREVENTING COLOURS FROM RUNNING IN TEXTILES DURING WASHING

● PROCEDE D'INHIBITION DE LA MIGRATION DES COULEURS SUR DES TEXTILES PENDANT LE LAVAGE

(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) WEISS, Albrecht [DE/DE]; Forellenweg 37, D-40764 Langenfeld (DE). MAURER, Karl-Heinz [DE/DE]; Dechenstrasse 5, D-40699 Erkrath (DE). KASTEN, Gerald [DE/DE]; Beethovenstrasse 24, D-40789 Monheim (DE). WEBER, Angrid [DE/DE]; Engelsgut 73, D-51467 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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(31) 60/045,756 (32) 6 May/mai 1997 (06.05.1997) (33) US

(31) 60/056,132 (32) 19 Aug/août 1997 (19.08.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C11D 3/386

(54) ● LAUNDRY AND CLEANING COMPOSITIONS CONTAINING HEXOSAMINIDASE ENZYMES

● COMPOSITIONS DE LESSIVE ET DE NETTOYAGE CONTENANT DES ENZYMES HEXOSAMINIDASE

(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) CONVENTS, André, Christian [BE/US]; 9696 Humphrey Road, Cincinnati, OH 45242 (US). MOESE, Rosa, Laura [US/US]; 8815 Eagle Creek Court, West Chester, OH 45069 (US). WOLFF, Ann, Margaret [US/US]; 4570 Boomer Road, Cincinnati, OH 45247 (US).

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

(81) BR 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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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C11D 3/386, 7/42

(54) ● LAUNDRY AND CLEANING COMPOSITIONS CONTAINING XYLOGLUCANASE ENZYMES

● COMPOSITIONS DE BLANCHISSAGE ET DE LAVAGE CONTENANT DES ENZYMES A ACTIVITE DE XYLOGLUCANASE

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

(72) CONVENTS, Andre, Christian; 9696 Humphrey Road, Cincinnati, OH 45242 (US). MOESE, Rosa, Laura; 8815 Eagle Creek Court, 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) BR CA CN JP MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/50514 (13) A1

(21) PCT/EP98/02485

(22) 27 Apr/avr 1998 (27.04.1998)

(25) de (26) de

(31) 197 18 977.6 (32) 5 May/mai 1997 (05.05.1997) (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C11D 3/39, 3/395, 3/386

(54) ● METHOD FOR DECOLORIZING TEXTILES DURING WASHING

● PROCEDE DE LAVAGE DECOLORANT DE TEXTILES

(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) WEISS, Albrecht [DE/DE]; Forellenweg 37, D-40764 Langenfeld (DE). MAUER, Karl-Heinz [DE/DE]; Dechenstrasse 5, D-40699 Erkrath (DE). UPADEK, Horst [DE/DE]; Im Sandforst 26, D-40883 Ratingen (DE). KOTTWITZ, Beatrix [DE/DE]; Urdenbacher Allee 51, D-40593 Düsseldorf (DE). LIPHARD, Maria [DE/DE]; Hülsebergstrasse 19, D-45279 Essen (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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(21) PCT/US98/08571

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(25) en (26) en

(31) 08/853,359 (32) 8 May/mai 1997 (08.05.1997) (33) US

(31) 09/026,833 (32) 20 Feb/fév 1998 (20.02.1998) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C11D 3/48

(54) ● CLEANING COMPOSITIONS CONTAINING BIOSTATIC AGENT

● COMPOSITIONS NETTOYANTES CONTENANT UN AGENT BIOSTATIQUE

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

(72) **OLDENHOVE, Louis**; Meerstraat 2, B-3870 Heks (BE).

(74) **NANFELDT, Richard, E.**; 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).

(11) **WO 98/50516** (13) A1

(21) PCT/US98/08702

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

(25) en (26) en

(31) 08/850,991 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C11D 7/26, 7/32, 7/50**

(54) ● NON-CORROSIVE STRIPPING AND CLEANING COMPOSITION

● COMPOSITION NON CORROSIVE DE DECAPAGE ET NETTOYAGE D'AGENTS DE RESERVE

(71) **OLIN MICROELECTRONIC CHEMICALS, INC.** [US/US]; 350 Knotter Drive, Cheshire, CT 06410-0586 (US).

(72) **HONDA, Kenji**; 8 Plymouth Drive, Barrington, RI 02806 (US). **MOLIN, Richard, Mark**; 16457 S. 29th Street, Phoenix, AZ 85048 (US). **HANSEN, Gale, Lynne**; 1814 W. Barrow Drive, Chandler, AZ 85224 (US).

(74) **GREELEY, Paul, D.**; Ohlandt, Greeley, Ruggerio & Perle, Suite 903, One Landmark Square, Stamford, CT 06901-2682 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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) 60/046,799 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C11D 7/30, 3/24**

(54) ● ENVIRONMENTALLY-SAFE SOLVENT COMPOSITIONS UTILIZING 1-BROMOPROPANE THAT ARE STABILIZED, NON-FLAMMABLE, AND HAVE DESIRED SOLVENCY CHARACTERISTICS

● COMPOSITIONS DE SOLVANT SANS DANGER POUR L'ENVIRONNEMENT, A BASE DE 1-BROMOPROPANE, STABILISEES, INFLAMMABLES ET AYANT LES CARACTERISTIQUES DE SOLVABILITE VOULUES

(71) **ADVANCED CHEMICAL DESIGN** [US/US]; 489 S. Belvoir Boulevard, Euclid, OH 44121 (US). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **HENRY, Richard, G.** [US/US]; 26945 Amherst Circle, Beachwood, OH 44122 (US).

(74) **NAUMAN, Timothy, E.**; Fay, Sharpe, Beall, Fagan, Minnich & McKee, 7th floor, 1100 Superior Avenue, Cleveland, OH 44114-2518 (US).

(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).

(11) **WO 98/50518** (13) A1

(21) PCT/IB98/00649

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

(25) en (26) en

(31) 60/045,492 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C11D 11/00, 3/00, 1/83, 1/66, 1/02, 3/02, 3/43**

(54) ● CLEANING COMPOSITION, METHODS, AND/OR ARTICLES FOR HARD SURFACES

● COMPOSITIONS DE NETTOYAGE, PROCEDES ET/OU ARTICLES POUR SURFACES DURES

(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) **MOSTER, Heather, Lynn** [US/US]; 5301 Stockpile Road, Oldenburg, IN 47036 (US). **ROSELLE, Brian, Joseph** [US/US]; 1490 Bruton Parish Way, Fairfield, OH 45014 (US).

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

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

(11) **WO 98/50519** (13) A1

(21) PCT/US98/08574

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

(25) en (26) en

(31) 08/853,392 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C11D 17/00, 1/94, 1/83**

(54) ● LIQUID CLEANING COMPOSITIONS

● COMPOSITION LIQUIDES DE NETTOYAGE

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

(72) **DURBUT, Patrick**; Avenue des Villas 25, B-4800 Verviers (BE). **BROZE, Guy**; Rue Claskin 32, B-4460 Grace-Hollogne (BE).

(74) **NANFELDT, Richard, E.**; 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).

(11) **WO 98/50520** (13) A1

(21) PCT/US98/08842

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

(25) en (26) en

(31) 08/851,938 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C11D 17/00, 1/83, 3/20**

(54) ● DETERGENT CONCENTRATES WHICH INCREASE IN VISCOSITY AFTER DILUTION

● CONCENTRES DETERSIFS A VISCOSITE ACCRUE APRES DILUTION

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

(72) **CAO, Hoai-Chau**; Avenue Des Tilleuls 2, B-4000 Liege (BE). **PAGNOUL, Patricia**; Rue François Hanon 19, B-4340 Fooz (BE).

(74) **LIEBERMAN, Bernard**; 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).

(11) **WO 98/50521** (13) A1

(21) PCT/US98/09282

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/851,696 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12C 7/00, 7/06, 11/00, 13/10**

(54) ● AUTOMATED HOME BEER BREWING MACHINE AND METHOD

● APPAREIL MENAGER AUTOMATISE DE BRASSAGE DE LA BIERE ET PROCEDE CORRESPONDANT

(71) **PRODUCT DESIGN GROUP, INC.** [US/US]; 4635 Viewridge Avenue, San Diego, CA 92123 (US).

(72) **WRIGHT, Craig, A.**; 2534 San Marcos Avenue, San Diego, CA 92104 (US). **TORGERSON, Curt, N.**; 5047 August Street, San Diego, CA 92104 (US). **BROUS, Brad**; 11430 Faisan Way, San Diego, CA 92124 (US). **DUBSON, Terry**; 1880 Summit Drive, Escondido, CA 92124 (US).

(74) **SATERMO, Eric, K.**; 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 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).

(11) **WO 98/50522** (13) A1

(21) PCT/US98/08797

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

(25) en (26) en

(31) 08/852,320 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12M 3/06, C12N 7/00 // 15/86**

(54) ● METHOD AND APPARATUS FOR HIGH VOLUME PRODUCTION OF VIRAL PARTICLES
● PROCÉDE ET APPAREIL DE PRODUCTION EN MASSE DE PARTICULES VIRALES

(71) **BAXTER INTERNATIONAL INC.** [US/US]; One Baxter Parkway, Deerfield, IL 60015 (US).

(72) **TAIARIOL, Van, C.**; 20 Mariani Court, Redwood City, CA 94062 (US). **PENDSE, Girish, J.**; 3395 Pinewood Terrace #101, Fremont, CA 94536 (US). **VERNACHIO, John.**; 2373 Ticonderoga Drive, San Mateo, CA 94402 (US).

(74) **GUTHRIE, Janice** et al. / etc.; Baxter Healthcare Corporation, P.O. Box 15210, Irvine, CA 92623-5210 (US).

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

Published / Publiée : (c)

(11) **WO 98/50523** (13) A1

(21) PCT/US98/09233

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/852,450 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 1/15, C12Q 1/02, C12P 7/02, 7/64**

(54) ● METHODS FOR PRODUCING PHOSPHOLIPID METABOLITES IN YEAST
● PROCÉDES DE PRODUCTION DE METABOLITES DE PHOSPHOLIPIDES DANS DES LEVURES

(71) **CARNEGIE MELLON UNIVERSITY** [US/US]; 5000 Forbes Avenue, Pittsburgh, PA 15213 (US).

(72) **HENRY, Susan, A.**; 5321 Wilkins Avenue, Pittsburgh, PA 15217 (US). **PATTON, Jana, L.**; 5626 Callowhill Street, Pittsburgh, PA 15206 (US). **GRIAC, Peter.**; Vavilovova 1, 851 01 Bratislava (SK). **KOHLWEIN, Sepp, D.**; Carnerigasse 12, A-8010 Graz (AT).

(74) **BUCKLES, Mary-Elizabeth** et al. / etc.; Reed Smith Shaw & McClay, P.O. Box 488, Pittsburgh, PA 15230 (US).

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

(11) **WO 98/50524** (13) A1

(21) PCT/US98/09171

(22) **5 Apr/avr 1998 (05.04.1998)**

(25) en (26) en

(31) 08/851,767 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 1/21, 15/74**

(54) ● SINGLE *ZYMONOMAS MOBILIS* STRAIN FOR XYLOSE AND ARABINOSE FERMENTATION
● SOUCHE UNIQUE DE *ZYMONOMAS MOBILIS* POUR FERMENTATION DE XYLOSE ET D'ARABINOSE

(71) **MIDWEST RESEARCH INSTITUTE** [US/US]; 425 Volker Boulevard, Kansas City, MO 64110 (US).

(72) **ZHANG, Min.**; 14178 West Warren Drive, Lakewood, CO 80228 (US). **CHOU, Yat-Chen.**; 3293 Pierson Street, Wheat Ridge, CO 80033 (US). **PICATAGGIO, Stephen, K.**; 17 Meadow Wood Lane, Landerberg, PA 19350 (US). **FINKELSTEIN, Mark.**; 4321 Whippeny Drive, Fort Collins, CO 80526 (US).

(74) **RICHARDSON, Ken.**; National Renewable Energy Laboratory, 1617 Cole Boulevard, Golden, CO 80401 (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 ZW; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (b)

(11) **WO 98/50525** (13) A1

(21) PCT/US98/09236

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/919,580 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 09/053,414 (32) **1 Apr/avr 1998 (01.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 5/06, 5/10, C12Q 1/68, G01N 33/53, C07K 2/00, A61K 38/02, 35/30, C07C 211/26**

(54) ● EMBRYONIC AND ADULT CNS STEM CELLS
● CELLULES SOUCHES PROVENANT DU SYSTEME NERVEUX CENTRAL ADULTE ET EMBRYONNAIRE

(71) **NEURALSTEM BIOPHARMACEUTICALS** [US/US]; 335 Paint Branch Drive, College Park, MD 20742 (US).

(72) **JOHE, Karl, K.**; 10841 Stanmore Drive, Potomac, MD 20854 (US).

(74) **PICCIANO, Dante, J.**; Bell, Boyd & Lloyd, P.O. Box 1135, Chicago, IL 60690-1135 (US).

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

Published / Publiée : (c)

(11) **WO 98/50526** (13) A1

(21) PCT/US98/09630

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/852,744 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 09/073,881 (32) **6 May/mai 1998 (06.05.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 5/06, 5/08**

(54) ● GENERATION, CHARACTERIZATION, AND ISOLATION OF NEUROEPITHELIAL STEM CELLS AND LINEAGE RESTRICTED INTERMEDIATE PRECURSOR
● PRODUCTION, CARACTERISATION ET ISOLEMENT DE CELLULES SOUCHES NEURO-EPIHELIALES ET DU PRE-CURSEUR INTERMEDIAIRE A LIGNEE RESTREINTE

(71) **UNIVERSITY OF UTAH RESEARCH FOUNDATION** [US/US]; 210 Park Building, Salt Lake City, UT 84112 (US).

(72) **RAO, Mahendra, S.**; 4590 S. Parkhill Drive, Salt Lake City, UT 84124 (US). **MAYER-PROSCHEL, Margot.**; 12169 S. Hidden Valley Road, Sandy, UT 84092 (US). **MUJTABA, Tahmina.**; 11205 South 465 East, Sandy, UT 84070 (US).

(74) **HOWARTH, Alan, J.** 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 98/50527** (13) A1

(21) PCT/US98/09288

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/045,949 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 5/08, A61K 39/00**

(54) ● METHOD FOR GENERATING ACTIVATED T-CELLS AND ANTIGEN-PULSED ANTIGEN-PRESENTING CELLS
● PROCÉDE DE GENERATION DE CELLULES T ACTIVES ET DE CELLULES DE PRESENTATION D'ANTIGENE ET A IMPULSION ANTIGENIQUE

(63) US 60/045,949 (CIP) 8 May/mai 1997 (08.05.1997)

(71) **BIOMIRA INC.** [CA/CA]; Edmonton Research Park, 2011-94 Street, Edmonton, Alberta T6N 1H1 (CA).
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(72, 75) **AGRAWAL, Babita** [IN/CA]; 329K Michener Park, Edmonton, Alberta T6H 4M5 (CA). **KRANTZ, Mark, J.** [US/CA]; 189 Blackburn Drive West, Edmonton, Alberta T6W 1C3 (CA). **REDDISH, Mark, A.** [US/CA]; 4916 - 122A Street, Edmonton, Alberta T6H 3S7 (CA). **LONGENECKER, B., Michael** [US/CA]; 440 Rooney Crescent, Edmonton, Alberta T6R 1C8 (CA).

(74) **SAXE, Bernhard, D.** 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 98/50528** (13) A1

(21) PCT/US98/03661

(22) **25 Feb/fév 1998 (25.02.1998)**

(25) en (26) en

(31) 08/851,138 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 5/10, 15/12, C12P 21/02, C12Q 1/68**

(54) ● ISOLATED NUCLEIC ACID MOLECULES ENCODING SSX FAMILY MEMBERS AND USES THEREOF

● MOLECULES D'ACIDES NUCLEIQUES ISOLEES CODANT DES MEMBRES DE LA FAMILLE SSX ET UTILISATIONS DE CES MOLECULES

(71) **LUDWIG INSTITUTE FOR CANCER RESEARCH** [CH/US]; 1345 Avenue of the Americas, New York, NY 10105 (US).

(72) **GURE, Ali, O.**; 1275 York Avenue, New York, NY 10021 (US). **TURECI, Ozlem**; Innere Medizin 1, D-66421 Homburg (DE). **SAHIN, Ugur**; Innere Medizin 1, D-66421 Homburg (DE). **TSANG, Solam**; 1275 York Avenue, New York, NY 10021 (US). **SCANLAN, Matthew, J.**; 1275 York Avenue, New York, NY 10021 (US). **KNUTH, Alexander**; Steinbacher Hohl 2-28, D-60488 Frankfurt am Main (DE). **PFREUNDSCHUH, Michael**; Innere Medizin 1, D-66421 Homburg (DE). **OLD, Lloyd, J.**; 1275 York Avenue, New York, NY 10021 (US). **CHEN, Yao-Tseng**; 525 East 68th Street, New York, NY 10021 (US).

(74) **HANSON, Norman, D.**; Felfe & Lynch, 805 Third Avenue, New York, NY 10022 (US).

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

(11) **WO 98/50529** (13) A1

(21) PCT/US98/08938

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,471 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 7/04, 7/01, 15/00, 15/86, A61K 39/12, 39/155, 39/165, 39/205, 39/295**

(54) ● ATTENUATION OF NEGATIVE STRANDED RNA VIRUSES BY REARRANGEMENT OF THEIR GENES AND USES THEREOF

● PROCEDES D'ATTENUATION DES VIRUS A L'ARN EN BRINS NEGATIFS PAR REMANIEMENT DE LEURS GENES, ET LEURS UTILISATIONS

(71) **THE UAB RESEARCH FOUNDATION** [US/US]; Suite 1120G/AB, 701 South 20th Street, Birmingham, AL 35294-0111 (US).

(72) **WERTZ, Gail**; 2845 Argyle Road, Birmingham, AL 35213 (US). **BALL, L., Andrew**; 2845 Argyle Road, Birmingham, AL 35213 (US).

(74) **ADLER, Benjamin, A.**; McGregor & Adler, 8011 Candle Lane, Houston, TX 77071 (US).

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

(11) **WO 98/50530** (13) A2

(21) PCT/US98/09249

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/046,059 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 60/049,002 (32) **9 Jun/juin 1997 (09.06.1997)** (33) US

(31) 60/051,718 (32) **3 Jul/juil 1997 (03.07.1997)** (33) US

(31) 60/056,808 (32) **22 Aug/août 1997 (22.08.1997)** (33) US

(31) 60/061,324 (32) **2 Oct/oct 1997 (02.10.1997)** (33) US

(31) 60/061,321 (32) **2 Oct/oct 1997 (02.10.1997)** (33) US

(31) 60/064,866 (32) **5 Nov/nov 1997 (05.11.1997)** (33) US

(31) 60/068,212 (32) **19 Dec/déc 1997 (19.12.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 9/00**

(54) ● ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO LEVELS OF EXPRESSION OF C-RAF

● TRAITEMENT A L'ACIDE NUCLEIQUE ENZYMATIQUE DE MALADIES ET ETATS PATHOLOGIQUES ASSOCIES AUX NIVEAUX D'EXPRESSION DE C-RAF

(71) **RIBOZYME PHARMACEUTICALS, INC.** [US/US]; 2950 Wilderness Place, Boulder, CO 80301 (US).

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(72, 75) **JARVIS, Thale** [US/US]; 3720 Smuggler Place, Boulder, CO 80301 (US). **MATULIC-ADAMIC, Jasenka** [YU/YU]; 760 South 42nd Street, Boulder, CO 80303 (US). **REYNOLDS, Mark** [US/US]; 4184 N. Larksput Court, Lafayette, CO 80026 (US). **KISICH, Kevin** [US/US]; 2451 Jonquil Circle, Lafayette, CO 80026 (US). **BELLON, Laurent** [FR/FR]; 2946 Glenwood Drive, Boulder, CO 80301 (US). **PARRY, Tom** [US/US]; 12610 Utica Street, Broomfield, CO 80020 (US). **BEIGELMAN, Leonid** [US/US]; 5530 Colt Drive, Longmont, CO 80503 (US). **MCSWIGGEN, James, A.** [US/US]; 4866 Franklin Drive, Boulder, CO 80301 (US). **KARPEISKY, Alexander** [US/US]; 420 Vernier Avenue, Lafayette, CO 80024 (US). **BURGIN, Alex** [US/US]; 832 Caminito Estrella, Chula Vista, CA 91910 (US). **THOMPSON, James** [US/US]; 2925 Glenwood Drive #103, Boulder, CO 80301 (US). **WORKMAN, Christopher, T.** [US/US]; 3910 Longwood, Boulder, CO 80303 (US). **BEAUDRY, Amber** [US/US]; 711 E. Genesee Street, Lafayette, CO 80026 (US). **SWEEDLER, David** [US/US]; 956 St. Andrews Lane, Louisville, CO 80027 (US).

(74) **WARBURG, Richard, J.** et al. / etc.; Lyon & Lyon, 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).

(11) **WO 98/50531** (13) A1

(21) PCT/AU98/00315

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) PO 6545 (32) **1 May/mai 1997 (01.05.1997)** (33) AU

(31) PO 8162 (32) **22 Jul/juil 1997 (22.07.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 9/10, 9/90, 9/92, 15/54, 15/61**

(54) ● NUCLEIC ACID MOLECULES SPECIFIC FOR BACTERIAL ANTIGENS AND USES THEREOF

● MOLECULES D'ACIDE NUCLEIQUE SPECIFIQUES POUR DES ANTIGENES BACTERIENNES ET UTILISATION DE CES DERNIERES

(71) **THE UNIVERSITY OF SYDNEY** [AU/AU]; Parramatta Road, Sydney, NSW 2006 (AU). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **REEVES, Peter, Richard** [GB/AU]; 20 Mansfield Street, Glebe, NSW 2037 (AU). **WANG, Lei** [AU/AU]; 8A Holt Street, North Ryde, NSW 2113 (AU).

(74) **GRIFFITH HACK**; G.P.O. Box 4164, Sydney, NSW 2001 (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).

(11) **WO 98/50532** (13) A2

(21) PCT/IB98/00708

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 9709161.5 (32) **6 May/mai 1997 (06.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 9/88, C12P 19/02**

(54) ● A PROCESS FOR PREPARING AN ANTI-OXIDANT

● PROCEDE DE PREPARATION D'UN ANTI-OXYDANT

(71) **DANISCO A/S** [DK/DK]; Langebrogade 1, P.O. Box 17, DK-1001 Copenhagen K (DK). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BUCHTER-LARSEN, Aksel** [DK/DK]; Amager Fælledves 27, DK-2300 Copenhagen (DK). **MARCUSSEN, Ian** [DK/DK]; Knabrostræde 25, DK-1210 Copenhagen (DK).

- (74) **HARDING, Charles, Thomas** et al. / etc.; 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).

(11) **WO 98/50533** (13) A1

(21) PCT/US98/03200

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,758 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 9/99, 9/50, A01N 43/02, 43/06, 43/08, 43/16, 43/18, C07D 307/00, 307/48, 309/00, 319/06, 321/00, 333/02, 333/12, 333/22, 335/00, 335/02**

(54) ● PROTEASE INHIBITORS
● INHIBITEURS DE PROTEASES

(71) **SMITHKLINE BEECHAM CORPORATION** [US/US]; One Franklin Plaza, Philadelphia, PA 19103 (US). **SMITHKLINE BEECHAM PLC** [GB/GB]; Great West Road, New Horizons Court, Brentford, Middlesex TW8 9BD (GB).
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(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) 60/046,865 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 9/99, 9/48, 9/66, 9/50, A61K 38/00, 38/06, A01N 37/18, 43/40, 43/42, 43/36, C07D 207/00, 207/04, 207/06, 211/00, 211/08, 405/00**

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(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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(21) PCT/CA98/00434

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 2,204,572 (32) **6 May/mai 1997 (06.05.1997)** (33) CA

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(51)⁶ **C12N 15/00, A01K 67/027, C07K 14/16**

(54) ● TRANSGENIC MICE EXPRESSING HIV-1 IN IMMUNE CELLS
● SOURIS TRANSGENIQUES EXPRIMANT LE VIH-1 DANS LEURS CELLULES IMMUNITAIRES

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(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 08/852,666 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 15/00, C12Q 1/68, G01N 33/53, 33/48, 33/50, 33/569, A61K 38/00, 38/16, C07K 1/00, 14/00, A01K 67/00**

(54) ● HMGI PROTEINS IN TUMORS AND OBESITY

● PROTEINES HMGI SE TROUVANT DANS LES TUMEURS ET L'OBESITE

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(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG 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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(31) 60/049,649 (32) **16 Jun/juin 1997 (16.06.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 15/00, G01N 33/566, 33/53, 33/567, C12Q 1/02**

(54) ● AMINO ACID ANALOGUE MAPS AND METHODS FOR USING AND DESIGNING THE SAME

● ENSEMBLES D'ANALOGUES D'ACIDES AMINES ET PROCÉDES D'UTILISATION ET DE CONCEPTION CORRESPONDANTS

(63) US 60/045,802 (CIP)
US 7 May/mai 1997 (07.05.1997)
US 60/049,649 (CIP)
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(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50538** (13) A1
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 (31) 60/046,140 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (31) 09/075,272 (32) **8 May/mai 1998 (08.05.1998)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/00, 15/09, 5/00, 7/04, 15/63, 15/70**
 (54) ● **MUS DUNNI** ENDOGENOUS RETROVIRAL PACKAGING CELL LINES
 ● LIGNEES CELLULAIRES D'ENCAPSIDATION RETROVIRALES ENDOGENES DE **MUS DUNNI**
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 (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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 (31) 97201281.9 (32) **5 May/mai 1997 (05.05.1997)** (33) EP
 (34) NL et al. / etc.
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/01, A01K 67/033**
 (54) ● GENE TARGETING AND SIBLING-SELECTION TO GENERATE MUTANT INDIVIDUALS
 ● CIBLAGE GENIQUE ET SELECTION DE FRATRIES GENIQUES, EN VUE DE GENERER DES INDIVIDUS MUTANTS
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 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50540** (13) A1
 (21) PCT/EP98/02546
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) 97107404.2 (32) **5 May/mai 1997 (05.05.1997)** (33) EP
 (34) DE et al. / etc.
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/11, C07H 21/00, A61K 31/70, 45/06**
 (54) ● MODIFIED ANTISENSE NUCLEOTIDES COMPLEMENTARY TO A SECTION OF THE HUMAN Ha-Ras GENE
 ● NUCLEOTIDES ANTISENS MODIFIES COMPLEMENTAIRES D'UNE SECTION DU GENE HUMAIN Ha-Ras
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 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 60/045,936 (32) **8 May/mai 1997 (08.05.1997)** (33) US
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 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/11, 15/10, C07H 21/00 // A61K 31/70**
 (54) ● METHODS AND COMPOSITIONS TO FACILITATE D-LOOP FORMATION BY OLIGONUCLEOTIDES
 ● PROCEDES ET COMPOSITIONS FACILITANT LA FORMATION DE BOUCLE EN D PAR DES OLIGONUCLEOTIDES
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- (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 98/50542** (13) A1
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 (31) 1072/97 (32) **7 May/mai 1997 (07.05.1997)** (33) CH
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/12, C07K 14/705, C12N 1/21, A61K 48/00, C12N 15/86, A61K 31/70**
 (54) ● UNCOUPLING PROTEIN HOMOLOGUE: UCP 3
 ● HOMOLOGUE DE PROTEINE DE DECOUPLAGE: UCP3
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 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 97/05699 (32) **2 May/mai 1997 (02.05.1997)** (33) FR
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/12, 15/82, C07K 14/79, A01H 5/00**
 (54) ● RECOMBINANT LACTOFERRIN, METHODS OF PRODUCTION FROM PLANTS AND USES
 ● LACTOFERRINES RECOMBINANTES, LEURS PROCEDES DE PRODUCTION PAR LES PLANTES AINSI QUE LEURS UTILISATIONS
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(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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(31) 120792 (32) **7 May/mai 1997 (07.05.1997)** (33) IL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 15/12, C07K 14/705, C12N 15/70, 1/21, A61K 38/17, G01N 33/53**

(54) ● RECOMBINANT FRAGMENTS OF THE HUMAN ACETYLCHOLINE RECEPTOR AND THEIR USE FOR TREATMENT OF MYASTHENIA GRAVIS

● FRAGMENTS DE RECOMBINAISON DU RECEPTEUR D'ACETYLCHOLINE HUMAIN ET LEUR UTILISATION POUR TRAITER LA MYASTHENIE

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(81) AU CA HU IL 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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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 15/12, 5/10, C07K 14/47, 16/18, C12Q 1/68, A61K 38/17, 31/70**

(54) ● HUMAN SMT-3 LIKE PROTEIN

● PROTEINE HUMAINE DE TYPE SMT-3

(63) US 08/853,974 (CIP) 9 May/mai 1997 (09.05.1997)

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(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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(21) PCT/US98/08424

(22) **6 May/mai 1998 (06.05.1998)**

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(31) 08/851,971 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 15/12, C12Q 1/68, C07K 14/47, C12N 1/21, G01N 33/50, 33/60, 33/66, C07K 16/18, A61K 38/17, 35/00**

(54) ● B CELL RECEPTOR ASSOCIATED PROTEINS

● PROTEINES ASSOCIEES AU RECEPTEUR POUR L'ANTIGENE DES CELLULES B

(63) US 08/851,971 (CIP) 7 May/mai 1997 (07.05.1997)

(71) **INCYTE PHARMACEUTICALS, INC.** [US/US]; 3174 Porter Drive, Palo Alto, CA 94304 (US).

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(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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(21) PCT/US98/08979

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/044,293 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 60/072,212 (32) **22 Jan/jan 1998 (22.01.1998)** (33) US

(31) 60/076,947 (32) **5 Mar/mar 1998 (05.03.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 15/12, 15/62, C07K 14/705, 16/28, C12N 15/70**

(54) ● HUMAN TOLL-LIKE RECEPTOR PROTEINS, RELATED REAGENTS AND METHODS

● RECEPTEUR PROTEIQUE HUMAIN DU TYPE TOLL, REACTIFS CONNEXES ET TECHNIQUES AFFERENTES

(71) **SCHERING CORPORATION** [US/US]; 2000 Galloping Hill Road, Kenilworth, NJ 07033 (US).

(72) **HARDIMAN, Gerard, T.**; 4 Howe Street, Wattertown, MA 02172 (US). **ROCK, Fernando, L.**; 721 Shell Boulevard #203, Foster City, CA 94404 (US). **BAZAN, J., Fernando**; 775 University Drive, Menlo Park, CA 94025 (US). **KASTELEIN, Robert, A.**; 463 Summit Drive, Redwood City, CA 94062 (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).

(11) **WO 98/50548** (13) A1

(21) PCT/US98/09012

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/851,822 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12N 15/12, C07K 14/47, A61K 38/17, G01N 33/50, C07K 16/18**

(54) ● NEW VESICLE TRAFFICKING PROTEIN

● PROTEINE DE TRANSFERT VESICULAIRE

(63) US 08/851,822 (CIP) 6 May/mai 1997 (06.05.1997)

(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). **LAL, Preeti** [IN/US]; 2382 Lass Drive, Santa Clara, CA 95054 (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).

(11) **WO 98/50549** (13) A2

(21) PCT/US98/09048

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/852,824 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12N 15/12, C12Q 1/68, C07K 14/705, 16/28

(54) ● TWO HUMAN G-PROTEIN COUPLED RECEPTORS: EBV-INDUCED GPCR 2 (EBI-2) AND EDG-1-LIKE GPCR

● DEUX RECEPTEURS COUPLES PAR DES PROTEINES G: GPCR2 INDUIT PAR VEB (EBI-2) ET GPCR DE TYPE GDE-1

(71) HUMAN GENOME SCIENCES, INC. [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).

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

(72, 75) RUBEN, Steven, M. [US/US]; 18528 Heritage Hills Drive, Olney, MD 20832 (US). LI, Yi [CN/US]; 1247 Lakeside Drive #3034, Sunnyvale, CA 94086 (US).

(74) BROOKES, A., Anders et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, Rockville, MD 20850 (US).

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

(11) WO 98/50550 (13) A1

(21) PCT/US98/09095

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 08/852,809 (32) 7 May/mai 1997 (07.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12N 15/12, C07K 14/705, A61K 38/17, C12Q 1/68, C07K 16/28

(54) ● HUMAN TRANSLOCATION ASSOCIATED PROTEIN

● PROTEINE HUMAINE ASSOCIEE A LA TRANSLOCATION

(63) US 08/852,809 (CIP) 7 May/mai 1997 (07.05.1997)

(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). GOLI, Surya, K. [IN/US]; 3311 Cantamar Court, San Jose, CA 95135 (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).

(11) WO 98/50551 (13) A1

(21) PCT/US98/09109

(22) 4 May/mai 1998 (04.05.1998)

(25) en (26) en

(31) 08/851,187 (32) 5 May/mai 1997 (05.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12N 15/12, C07K 14/705, A61K 38/17, C12Q 1/68, C07K 16/28

(54) ● RAGE1-LIKE PROTEIN

● PROTEINE DE TYPE RAGE1

(63) US 08/851,187 (CIP) 5 May/mai 1997 (05.05.1997)

(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). CORLEY, Neil, C. [US/US]; 1240 Dale Avenue #30, Mountain View, CA 94040 (US). ZHANG, Hong [CN/US]; 5304 Tacoma Common, Fremont, CA 94555 (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).

(11) WO 98/50552 (13) A1

(21) PCT/US98/09584

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 60/045,703 (32) 6 May/mai 1997 (06.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12N 15/12, C07K 14/47, A61K 38/16, C12N 15/62, C07K 16/18

(54) ● NOVEL TUMOR ANTIGENS

● NOUVEAUX ANTIGENES TUMORAUX

(71) ZYMOGENETICS, INC. [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).

(72) SHEPPARD, Paul, O.; 20717 N.E. 2nd Street, Redmond, WA 98053 (US). GROSSMANN, Angelika; 2809 N.E. 60th, Seattle, WA 98115 (US).

(74) SAWISLAK, Deborah, A.; 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 SL 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).

Published / Publiée : (c)

(11) WO 98/50553 (13) A1

(21) PCT/US98/09201

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 08/852,615 (32) 7 May/mai 1997 (07.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12N 15/29, C12Q 1/68

(54) ● STARCH BIOSYNTHETIC ENZYMES

● ENZYMES IMPLIQUEES DANS LA BIOSYNTHESE DE L'AMIDON

(63) US 08/852,615 (CIP) 7 May/mai 1997 (07.05.1997)

(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) LIGHTNER, Jonathan, Edward [US/US]; 4180 Delta Road, Airville, PA 17302 (US).

(74) MAJARIAN, William, R.; 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 98/50554 (13) A2

(21) PCT/US98/08959

(22) 4 May/mai 1998 (04.05.1998)

(25) en (26) en

(31) 60/044,031 (32) 6 May/mai 1997 (06.05.1997) (33) US

(31) 60/046,655 (32) 16 May/mai 1997 (16.05.1997) (33) US

(31) 60/066,009 (32) 14 Nov/nov 1997 (14.11.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12N 15/31, C07K 14/315, 16/12, C12Q 1/68, C12N 1/21, 5/12, G01N 33/569, 33/68, A61K 39/09

(54) ● ENTEROCOCCUS FAECALIS POLYNUCLEOTIDES AND POLYPEPTIDES

● POLYNUCLEOTIDES ET POLYPEPTIDES D'ENTEROCOCCUS FAECALIS

(71) HUMAN GENOME SCIENCES, INC. [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).

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

(72, 75) KUNSCH, Charles, A. [US/US]; 4083 Spalding Hollow, Norcross, GA 30092 (US). CHOI, Gil, H. [KR/US]; 11429 Potomac Oaks Drive, Rockville, MD 20850 (US). BAILEY, Camella [US/US]; 32 Hickory Avenue, Takoma Park, MD 20912 (US). HROMOCKY, Alex [US/US]; 14909 Joshua Tree Road, N. Potomac, MD 20878 (US).

(74) BROOKES, A., Anders et al. / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, 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 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).

(11) WO 98/50555 (13) A2

(21) PCT/US98/08985

- (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 60/044,031 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (31) 60/046,655 (32) **16 May/mai 1997 (16.05.1997)** (33) US
 (31) 60/066,009 (32) **14 Nov/nov 1997 (14.11.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/31, C07K 14/315, 16/12, C12Q 1/68**
 (54) ● *ENTEROCOCCUS FAECALIS* POLYNUCLEOTIDES AND POLYPEPTIDES
 ● POLYNUCLEOTIDES ET POLYPEPTIDES D'*ENTEROCOCCUS FAECALIS*
 (71) **HUMAN GENOME SCIENCES, INC.** [US/US]; 9410 Key West Avenue, Rockville, MD 20850 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **KUNSCH, Charles, A.** [US/US]; 4083 Spalding Hollow, Norcross, GA 30092 (US). **DILLON, Patrick, J.** [US/US]; 1055 Snipe Court, Carlsbad, CA 92009 (US). **BARASH, Steven, C.** [US/US]; 582 College Parkway #303, Rockville, MD 20850 (US).
 (74) **BROOKES, A., Anders et al.** / etc.; Human Genome Sciences, Inc., 9410 Key West Avenue, 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50556** (13) A2
 (21) PCT/US98/09097
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en
 (31) 60/045,675 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/40, C07K 14/18, A61K 39/29, G01N 33/50**
 (54) ● INTRACELLULAR PRODUCTION OF HEPATITIS C E1 AND E2 TRUNCATED POLYPEPTIDES
 ● PRODUCTION INTRACELLULAIRE DE POLYPEPTIDES E1 ET E2 TRONQUES DIRIGES CONTRE L'HEPATITE C
 (71) **CHIRON CORPORATION** [US/US]; 4560 Horton Street - R440, Emeryville, CA 94608 (US).
 (72) **HOUGHTON, Michael**; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US). **CHOO, Qui-Lim**; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US). **ABRIGNANI, Sergio**; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US). **CHIEN, David**; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US). **SELBY, Mark**; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US). **GLAZER, Edward**; Chiron Corporation, 4560 Horton Street - R440, Emeryville, CA 94608 (US).
 (74) **HARBIN, Alisa, A.**; Chiron Corporation, Intellectual Property - R440, P.O. Box 8097, Emeryville, CA 94662-8097 (US) et al. / etc.
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- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50557** (13) A1
 (21) PCT/CA98/00395
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 60/045,418 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (31) 60/046,149 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/52, 15/70, 1/21, 9/10, 9/12, C07K 16/40, G01N 33/573, C12Q 1/68, G01N 33/68, A61K 39/40, 48/00**
 (54) ● PROTEINS INVOLVED IN THE SYNTHESIS AND ASSEMBLY OF CORE LIPOPOLYSACCHARIDE OF PSEUDOMONAS AERUGINOSA
 ● PROTEINES IMPLIQUEES DANS LA SYNTHÈSE ET L'ASSEMBLAGE DU LIPOPOLYSACCHARIDE CENTRAL DE PSEUDOMONAS AERUGINOSA
 (71) **UNIVERSITY OF GUELPH** [CA/CA]; Reynolds Building, Room 214, Guelph, Ontario N1G 2W1 (CA).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LAM, Joseph, S.** [CA/CA]; 2 Bridlewood Drive, Guelph, Ontario N1G 4A6 (CA). **DE KIEVIT, Teresa, R.** [CA/CA]; 2-100 Sunny Lea Crescent, Guelph, Ontario N1E 1W6 (CA). **BURROWS, Lori, L.** [CA/CA]; 22 Devere Drive, Guelph, Ontario N1G 2S9 (CA). **WALSH, Andrew** [CA/CA]; University of Guelph, Guelph, Ontario N1G 2W1 (CA). **MATEWISH, Mauricia** [CA/CA]; University of Guelph, Guelph, Ontario N1G 2W1 (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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- Published / Publiée : (c)
 (11) **WO 98/50558** (13) A2
 (21) PCT/EP98/02830
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 1006000 (32) **7 May/mai 1997 (07.05.1997)** (33) NL
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/53, 9/02, 15/82, A01H 5/00**
 (54) ● PRODUCTION OF ASCORBIC ACID IN PLANTS
-
- PRODUCTION D'ACIDE ASCORBIQUE DANS DES PLANTES
 (71) **VLAAMS INTERUNIVERSITAIR INSTITUUT VOOR BIOTECHNOLOGIE** [BE/BE]; Rijnvischestraat 118, bus 1, B-9052 Zwijnaarde-Poperinge (BE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BAUW, Guy, Jerome, Corneel** [BE/BE]; Blokweg 23, B-8972 Proven-Poperinge (BE). **DAVEY, Mark, William** [GB/BE]; Patijntjestraat 68, B-9000 Gent (BE). **OSTERGAARD, Jens** [DK/BE]; Ekkergemstraat 165, B-9000 Gent (BE). **VAN MONTAGU, Marc, Charles, Ernest** [BE/BE]; De Stassartstraat 120, B-1050 Brussel (BE).
 (74) **VAN SOMEREN, Petronella, Francisca, Hendrika, Maria**; 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 98/50559** (13) A1
 (21) PCT/US98/09464
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/853,774 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/54, C12Q 1/68, C12N 5/10, A01K 67/027, C12N 9/10**
 (54) ● ABO HISTO-BLOOD GROUP O ALLELES OF THE BABOON
 ● ALLELES ABO DU GROUPE SANGUIN O DU BABOUIN
 (71) **LOMA LINDA UNIVERSITY MEDICAL CENTER** [US/US]; 11234 Anderson Street, Loma Linda, CA 92354 (US).
 (72) **DIAMOND, David**; 833 Swiss Trails Road, Duarte, CA 91010 (US). **NEHLSSEN-CANNARELLA, Sandra**; 652 East Mariposa Drive, Redlands, CA 92373 (US). **FAGOAGA, Omar, R.**; 1834 North Western Circle, Colton, CA 92324 (US). **SZALAY, Aladar**; 7327 Fairwood Lane, Highland, CA 92346 (US).
 (74) **ANDERSON, Lowell**; Knobbe, Martens, Olson & Bear, LLP, 16th floor, 620 Newport Center Drive, Newport Beach, CA 92660 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
 (11) **WO 98/50560** (13) A1
 (21) PCT/US98/08871
 (22) **1 May/mai 1998 (01.05.1998)**

- (25) en (26) en
 (31) 60/044,015 (32) **6 May/mai 1997** (33) US
 (06.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/55, 5/10, 15/62, 9/64, C07K 16/40**
 (54) ● HUMAN PROHORMONE CONVERTASE 4
 ● CONVERTASE DE PROHORMONE HUMAINE 4
 (71) **ZYMOGENETICS, INC.** [US/US]; 1201 Eastlake Avenue East, Seattle, WA 98102 (US).
 (72) **LOK, Si**; 802 N.W. 52nd, Seattle, WA 98107 (US).
JASPERS, Stephen, R.; 5829 150th Place, S.W., Edmonds, WA 98026 (US).
 (74) **PARKER, Gary, E.**; 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 SL 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).

Published / Publiée : (c)

- (11) **WO 98/50561** (13) A1
 (21) PCT/EP98/02788
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) PCT/EP97/02497 (32) **2 May/mai 1997** (33) WO
 (02.05.1997)
 (34) NL et al. / etc.
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/56, 15/82, A01H 1/00**
 (54) ● REGULATING METABOLISM BY MODIFYING THE LEVEL OF TREHALOSE-6-PHOSPHATE BY INHIBITING ENDOGENOUS TREHALASE LEVELS
 ● METABOLISME REGULATEUR MODIFIANT LE NIVEAU DE TREHALOSE-6-PHOSPHATE PAR INHIBITION DES NIVEAUX DE TREHALASE ENDOGENE
 (71) **MOGEN INTERNATIONALE N.V.** [NL/NL]; Einsteinweg 97, NL-2333 CB Leiden (NL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GODDIJN, Oscar, Johannes, Maria** [NL/NL]; Oude Herengracht 5, NL-2312 LN Leiden (NL).
PEN, Jan [NL/NL]; Heivlinder 19, NL-2317 JS Leiden (NL).
SMEEKENS, Josephus, Christianus, Maria [NL/NL]; Westrenenlaan 7, NL-3971 AE Driebergen (NL).
SMITS, Maria, Theresia [NL/NL]; Granaathorst 345, NL-2592 SZ Den Haag (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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 (31) 60/045,723 (32) **6 May/mai 1997** (33) US
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 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/56, 15/82, C12Q 1/68**
 (54) ● CORN PULLULANASE
 ● PULLULANASE DU MAIS
 (71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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 (72, 75) **BROGLIE, Karen, E.** [US/US]; 520 Port Royal Court, Landenberg, PA 19350 (US).
 (74) **MAJARIAN, William, R.**; 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 KE 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 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 98/50563** (13) A1
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 (31) 9708918.9 (32) **1 May/mai 1997** (33) GB
 (01.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/62, C07K 19/00, 1/00, 7/23, 14/575, A01K 67/027**
 (54) ● METHODS OF PRODUCTION OF AN AMIDATED PEPTIDE THROUGH THE USE OF A FUSION PROTEIN
 ● METHODES DE PRODUCTION D'UN PEPTIDE AMIDE PAR UTILISATION D'UNE PROTEINE DE FUSION
 (71) **PPL THERAPEUTICS (SCOTLAND) LTD.** [GB/GB]; Roslin, Midlothian EH25 9PP (GB).
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 (72, 75) **COTTINGHAM, Ian, Robert** [GB/GB]; PPL Therapeutics (Scotland) Ltd., Roslin, Edinburgh EH25 9PP (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 98/50564** (13) A1
 (21) PCT/US98/06566
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 (31) 08/847,207 (32) **1 May/mai 1997** (33) US
 (01.05.1997)
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/63, 1/21, 15/81, C07H 21/04**
 (54) ● ENHANCED INOCULANT FOR SOYBEAN CULTIVATION
 ● INOCULANT AMELIORE POUR LA CULTURE DU SOJA
 (71) **WISCONSIN ALUMNI RESEARCH FOUNDATION** [US/US]; P.O. Box 7365, Madison, WI 53707-7365 (US).
 (72) **TRIPLETT, Eric, W.**; 1001 University Bay Drive, Madison, WI 53705 (US).
 (74) **SEAY, Nicholas, J.**; Quarles & Brady, 1 South Pinckney Street, P.O. Box 2113, Madison, WI 53701-2113 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50565** (13) A1
 (21) PCT/US98/08852
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/852,934 (32) **8 May/mai 1997** (33) US
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 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **C12N 15/63, 15/11, 7/00**
 (54) ● ENHANCED ADENOVIRUS-ASSISTED TRANSFECTION COMPOSITION AND METHOD
 ● COMPOSITION ET PROCEDE DE TRANSFECTION ASSISTEE PAR ADENOVIRUS RENFORCEE
 (71) **THE REGENTS OF THE UNIVERSITY OF CALIFORNIA** [US/US]; 5th floor, 1111 Franklin Street, Oakland, CA 94607-5200 (US).
 (72) **GERMAN, Michael, S.**; 1543 33rd Avenue, San Francisco, CA 94122 (US).
SZOKA, Francis, C., Jr.; 45 Mendosa Avenue, San Francisco, CA 94116 (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).

- (11) **WO 98/50566** (13) A1
(21) PCT/US98/08854
(22) **1 May/mai 1998 (01.05.1998)**
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(31) 08/852,834 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12N 15/63, 15/65**
(54) ● IMPROVED CLONING VECTOR CONTAINING MARKER INACTIVATION SYSTEM
● SYSTEME AMELIORE DE CLONAGE PAR INACTIVATION D'UN MARQUEUR CONTENANT UN VECTEUR
- (71, 72) **SLILATY, Steve, N.** [US/CA]; 579 Lajeunesse, Laval, Quebec H7X 3K4 (CA). **LEBEL, Suzanne** [CA/CA]; 579 Lajeunesse, Laval, Quebec H7X 3K4 (CA).
- (74) **KADLE, Ranjana** et al. / etc.; Hodgson, Russ, Andrews, Woods & Goodyear, 1800 One M & T Plaza, Buffalo, NY 14203-2391 (US).
- (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 98/50567** (13) A1
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(31) 08/850,713 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12N 15/63, C12Q 1/68, C07K 16/30, C12N 5/10, G01N 33/53, 33/574, 33/577, A61K 38/17**
(54) ● REAGENTS AND METHODS USEFUL FOR DETECTING DISEASES OF THE PROSTATE
● REACTIFS ET PROCEDES POUR DETECTER LES MALADIES DE LA PROSTATE
- (71) **ABBOTT LABORATORIES** [US/US]; 100 Abbott Park Road, Abbott Park, IL 60064-3500 (US).
- (72) **BILLING-MEDEL, Patricia, A.**; 1427 Sherwood Court, Gurnee, IL 60031 (US). **COHEN, Maurice**; 2026 Deerfield Road, Highland Park, IL 60035 (US). **COLPITTS, Tracey, L.**; 34365 North Circle Drive, Round Lake, IL 60073 (US). **FRIEDMAN, Paula, N.**; 462 Cunnor Court, Deerfield, IL 60015 (US). **GORDON, Julian**; 307 East Sheridan Road, Lake Bluff, IL 60044 (US). **GRANADOS, Edward, N.**; 19 Montgomery Lane, Vernon Hills, IL 60061 (US). **HODGES, Steven, C.**; 169 Stonegate Road, Buffalo Grove, IL 60089 (US). **KLASS, Michael, R.**; 1606 Mulberry Drive, Libertyville, IL 60048 (US). **KRATOCHVIL, Jon, D.**; 7101 Fifth Avenue, Kenosha, WI 53143 (US). **ROBERTS-RAPP, Lisa**; 2090 Westfield Drive, Gurnee, IL 60031 (US). **RUSSELL, John, C.**; 8275 64th Court, Kenosha, WI 53142 (US). **STROUPE, Stephen, D.**; 945 Wilshire Drive, Libertyville, IL 60048 (US).
- (74) **WEINSTOCK, Steven, F.**; Abbott Laboratories, D-377/AP6D, 100 Abbott Park Road, Abbott Park, IL 60064-3500 (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 98/50568** (13) A1
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(31) 97/05652 (32) **7 May/mai 1997 (07.05.1997)** (33) FR
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12N 15/82, 15/55, 15/11, 5/10, A01H 5/00**
(54) ● CELL GROWTH CONTROL IN A PLANT USING AN ENDO-1,4- β -D-GLUCANASE GENE
● CONTROLE DE LA CROISSANCE CELLULAIRE CHEZ UNE PLANTE PAR L'UTILISATION D'UN GENE D'ENDO-1,4- β -D-GLUCANASE
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- (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50569** (13) A2
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(25) en (26) en
(31) 60/045,827 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12N 15/82, C12Q 1/68, A01H 5/00, C12N 9/16, 1/21**
(54) ● NUCLEOTIDE SEQUENCES OF MAIZE OLEOYL-ACP THIOESTERASE AND PALMITOYL-ACP THIOESTERASE GENES AND THEIR USE IN THE MODIFICATION OF FATTY ACID CONTENT OF OIL
● SEQUENCES NUCLEOTIDIQUES DES GENES CODANT POUR LA THIOESTERASE DE LA PROTEINE TRANSPORTEUSE D'ACYLES D'OLEOYLE DU MAIS ET POUR LA THIOESTERASE DE LA PROTEINE TRANSPORTEUSE D'ACYLES DE PALMITOYLE ET LEUR UTILISATION POUR MODIFIER LA TENEUR EN ACIDES GRAS D'UNE HUILE
- (71) **DOW AGROSCIENCES LLC** [US/US]; 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (72) **RUBIN-WILSON, Beth**; 8416 Seaward Lane, Indianapolis, IN 46256 (US). **GUO, Lining**; 7 Nelson Circle, Brownsburg, IN 46112 (US). **SKOKUT, Tom**; 2539 Sutton Avenue, Carmel, IN 46032 (US). **YOUNG, Scott**; 5329 Holly Springs Drive East, Indianapolis, IN 46254 (US). **FOLKERTS, Otto**; 29 Arrowhead Drive, Guilford, CT 06437 (US). **ARMSTRONG, Katherine**; 11202 Bridlewood Trail, Zionsville, IN 46077 (US). **CO-WEN, Neil, M.**; 990 Tillson Drive, Zionsville, IN 46077 (US).
- (74) **BORUCKI, Andrea, T.**; Dow AgroSciences LLC, 9330 Zionsville Road, Indianapolis, IN 46268 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50570** (13) A2
(21) PCT/US98/09522
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
(31) 60/046,857 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12N 15/82, 9/10, 1/21, 15/62, A01H 5/00**
(54) ● METHODS AND COMPOSITIONS FOR USE OF (ISO)EUGENOL METHYLTRANSFERASE
● PROCEDES ET COMPOSITIONS AYANT TRAIT A L'UTILISATION D'(ISO)EUGENOL METHYLTRANSFERASE
- (63) US 60/046,857 (CIP)
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- (71) **THE REGENTS OF THE UNIVERSITY OF MICHIGAN** [US/US]; Room 2071, Wolverine Tower, 3003 South State Street, Ann Arbor, MI 48109-1280 (US).
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- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50571** (13) A1
(21) PCT/US98/09326
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/852,629 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ C12N 15/86, A61K 48/00
- (54) ● ENTOMOPOXVIRUS-BASED GENE DELIVERY VECTOR FOR VERTEBRATES
● VECTEUR D'ADMINISTRATION DE GENE A BASE D'ENTOMOPOXVIRUS POUR VERTEBRES
- (71) UNIVERSITY OF FLORIDA [US/US]; 186 Grinter Hall, Gainesville, FL 32611 (US).
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- (74) SALIWANCHIK, David, R. et al. / etc.; Saliwanchik, Lloyd & Saliwanchik, Suite A-1, 2421 N.W. 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) 97303111.5 (32) 7 May/mai 1997 (33) EP (07.05.1997)
- (34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12P 7/62, C07C 69/732, 67/317

- (54) ● HMG-CoA REDUCTASE INHIBITOR PREPARATION PROCESS
● PROCEDE DE PREPARATION D'INHIBITEURS DE REDUCTASE HMG-CoA

- (71) GIST-BROCADES B.V. [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).
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- (74) GOLDIN, Douglas, Michael et al. / etc.; J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5LX (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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- (31) 09/069,509 (32) 29 Apr/avr 1998 (33) US (29.04.1998)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12P 7/66, 13/22, C12N 1/20, 7/01

- (54) ● ISOLATED MELANIN-LIKE SUBSTANCE AND METHOD FOR PRODUCING THE SAME
● ISOLEMENT D'UNE SUBSTANCE ANALOGUE DE LA MELANINE ET SON PROCEDE D'OBTENTION

- (71) UNIVERSITY OF NEBRASKA [US/US]; Varner Hall, 3835 Holdrege Street, Lincoln, NE 68583 (US).

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- (74) WEBB, B., Trent et al. / etc.; Shook, Hardy & Bacon, L.L.P., One Kansas City Place, 1200 Main Street, Kansas City, MO 64105 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 97201306.4 (32) 2 May/mai 1997 (33) EP (02.05.1997)

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12P 23/00, C07C 403/24 // (C12P 23/00, C12R 1:645)

- (54) ● ISOLATION OF CAROTENOID CRYSTALS FROM MICROBIAL BIOMASS
● ISOLEMENT DE CRISTAUX CAROTENOIDES A PARTIR D'UNE BIOMASSE MICROBIENNE

- (71) GIST-BROCADES B.V. [NL/NL]; Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (NL).
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- (74) VISSER-LUIRINK, Gesina et al. / etc.; Gist-Brocades B.V., Patents and Trademarks Dept., Wateringseweg 1, P.O. Box 1, NL-2600 MA Delft (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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(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12P 41/00, 13/04, C12M 1/40, 1/18

- (54) ● METHOD AND APPARATUS FOR PREPARATION OF CHIRAL BETA AMINO ACIDS
● PROCEDE ET APPAREIL DE PREPARATION DE BETA AMINO-ACIDES CHIRAUX

- (71) G.D. SEARLE & CO. [US/US]; Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680-5110 (US).

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- (74) KOVACEVIC, Cynthia, S. et al. / etc.; G.D. Searle & Co., Corporate Patent Dept., P.O. Box 5110, Chicago, IL 60680-5110 (US).

- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 60/045,512 (32) 2 May/mai 1997 (33) US (02.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C12Q 1/04

- (54) ● BETAINES AS ADJUVANTS TO SUSCEPTIBILITY TESTING AND ANTIMICROBIAL THERAPY
● UTILISATION DE BETAINES COMME ADJUVANTS D'ESSAIS DE SENSIBILITE ET D'UNE THERAPIE ANTI-MICROBIENNE

- (71) INTEGRATED RESEARCH TECHNOLOGY, LLC [US/US]; 2600 Lighthouse Point West, Baltimore, MD 21224 (US).
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- (72, 75) THORNTON, Charles, G. [US/US]; 7570 Elioak Terrace, Gaithersburg, MD 20879 (US).

- (74) CIMBALA, Michele, 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50577** (13) A1

(21) PCT/US98/09312

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 0509/97 (32) **5 May/mai 1997 (05.05.1997)** (33) DK

(31) 1431/97 (32) **9 Dec/déc 1997 (09.12.1997)** (33) DK

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12Q 1/06, G01N 33/483, 33/04, 24/00, 21/00, 15/06, G06M 11/00**

(54) ● A METHOD AND A SYSTEM FOR DETERMINATION OF SOMATIC CELLS IN MILK
● PROCEDE ET SYSTEME DE DOSAGE DES CELLULES SOMATIQUES DU LAIT

(71) **CHEMOMETEC A/S** [DK/DK]; Gladsaxevej 87, DK-2860 Søborg (DK). **BERMAN, Charles** [US/US]; 938 Stanford Street, Santa Monica, CA 90403 (US).
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(72, 75) **HANSEN, Frans, Ejner, Ravn** [DK/DK]; Jakob Dannefaerds Vej 12, 1.tv., DK-1973 Frederiksberg C (DK). **GLENSBJERG, Martin** [DK/DK]; Næsbyholmvej 2, 4.tv., DK-2700 Brønshøj (DK). **ARNVIDARSON, Börkur** [IS/DK]; Rørmosen 204, DK-2990 Nivå (DK). **JEPPESEN, Jesper, Myron** [DK/DK]; Nordfeldtvej 5, 1.th., DK-2700 Brønshøj (DK).

(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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(31) 97/0344 (32) **2 May/mai 1997 (02.05.1997)** (33) TR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12Q 1/18, C12M 1/20**

(54) ● AN ANTIBACTERIAL SUSCEPTIBILITY TEST

● TEST DE SENSIBILITE ANTIBACTERIEN

(71, 72) **KOCAGÖZ, Zühtü, Tanil** [TR/TR]; Koza Sokak, 88/6, Gazi Osman Pasa, 06700 Ankara (TR).

(74) **ANKARA PATENT BUREAU LTD.**; S.Adem Yavuz Sokak, 8/22, 06440 Kizilay-Ankara (TR).

(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).

(11) **WO 98/50579** (13) A1

(21) PCT/US97/16579

(22) **8 Sep/sep 1997 (08.09.1997)**

(25) en (26) en

(31) 08/846,828 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12Q 1/37, C07K 7/06, C12Q 1/04**

(54) ● FLUOROGENIC PROTEASE SUBSTRATES BASED ON DYE-DIMERIZATION

● SUBSTRATS DE PROTEASES FLUOROGENES BASES SUR LA DIMERISATION DES COLORANTS

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **WEI, Ai-Ping**; P.O. Box 33427, Saint-Paul, MN 55133-3427 (US). **WILLIAMS, Michael, G.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **SHERMAN, Lorraine, R.** 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).

(11) **WO 98/50580** (13) A2

(21) PCT/DE98/01190

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

(25) de (26) de

(31) 197 18 705.6 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● METHOD FOR DETERMINING THE NUMBER OF TRANSMUTED COPIES IN GENETICALLY MANIPULATED CELLS

● METHODE DE DETERMINATION DU NOMBRE DE COPIES TRANSGENIQUES DANS LES CELLULES MODIFIEES PAR GENIE GENETIQUE

(71, 72) **FIEHN, Christoph** [DE/DE]; Neckarhamm 8, D-69123 Heidelberg (DE). **WETTSCHEURECK, Nina** [DE/DE]; Plantagenstrasse 6, D-12169 Berlin (DE). **KRAUTHÖFF, Alexandra** [DE/DE]; Kurfürstenanlage 61, D-69115 Heidelberg (DE).

(74) **VOSSIUS, Volker** et al. / etc.; Holbeinstrasse 5, D-81679 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).

(11) **WO 98/50581** (13) A1

(21) PCT/JP98/02039

(22) **8 May/mai 1998 (08.05.1998)**

(25) ja (26) ja

(31) 9/117725 (32) **8 May/mai 1997 (08.05.1997)** (33) JP

(31) 10/74442 (32) **23 Mar/mar 1998 (23.03.1998)** (33) JP

(31) 10/123371 (32) **6 May/mai 1998 (06.05.1998)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12Q 1/68**

(54) ● METHOD FOR DETECTING TARGET NUCLEOTIDE SEQUENCE

● PROCEDE DE DETECTION DE SEQUENCES NUCLEOTIDIQUES CIBLES

(71) **DAI NIPPON PRINTING CO., LTD.** [JP/JP]; 1-1, Ichigaya-Kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-0062 (JP).
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(71, 72) **KARUBE, Isao** [JP/JP]; 1-3-16, Higashi-Arima, Miyamae-ku, Kawasaki-shi, Kanagawa 216-0002 (JP).

(72, 75) **SAWATA, Shinya** [JP/JP]; 3458-3, Kandatsu-machi, Tsuchiura-shi, Ibaraki 300-0013 (JP). **NAGATA, Ryohei** [JP/JP]; Dai Nippon Printing Co., Ltd., 1-1, Ichigaya-Kaga-cho 1-chome, Shinjuku-ku, Tokyo 162-0062 (JP).

(74) **SATO, Kazuo** et al. / etc.; Kyowa Patent & Law Office, Fuji Building, Room 323, 2-3, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(11) **WO 98/50582** (13) A1

(21) PCT/US97/12722

(22) **21 Jul/juil 1997 (21.07.1997)**

(25) en (26) en

(31) 08/853,522 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C12Q 1/68, 1/70, C12P 19/34, C07H 21/04, 21/02, A61K 41/00**

(54) ● COMPLEX FORMATION BETWEEN dsDNA AND OLIGOMER OF HETEROCYCLES

● FORMATION DE COMPLEXES ENTRE UN ADN A DOUBLE BRIN ET UN OLIGOMERE D'HETEROCYCLES

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

(72) **DERVAN, Peter**; 1235 St. Albans Road, San Marino, CA 91108 (US).

(74) **BERNTSEN, Denis, A.** et al. / etc.; 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 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).

(11) **WO 98/50583** (13) A1
(21) PCT/US98/08853
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 60/045,430 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12Q 1/68**
(54) ● TWO-STEP HYBRIDIZATION AND CAPTURE OF A POLYNUCLEOTIDE
● HYBRIDATION EN DEUX TEMPS ET CAPTURE D'UN POLYNUCLEOTIDE
(71) **GEN-PROBE INCORPORATED** [US/US]; 10210 Genetic Center Drive, San Diego, CA 92121-4362 (US).

(72) **WEISBURG, William, G.**; 11738 Via Medanos, San Diego, CA 92128 (US). **SHAW, Jay, H.**; 17844 Creciente Way, San Diego, CA 92127 (US). **BECKER, Michael, M.**; 12819 Meadowdale Lane, San Diego, CA 92131 (US). **MAJLESSI, Mehrdad**; 15895 Sunnyfield Place, San Diego, CA 92127 (US).

(74) **GRITZMACHER, Christine, A.** et al. / etc.; Gen-Probe Incorporated, Patent Dept., 10210 Genetic Center Drive, San Diego, CA 92121-4362 (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 98/50584** (13) A2
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(31) 60/045,400 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12Q 1/68**
(54) ● NUCLEIC ACIDS FOR DETECTING *ASPERGILLUS* SPECIES AND OTHER FILAMENTOUS FUNGI
● ACIDES NUCLEIQUES POUR LA DETECTION DU GENRE *ASPERGILLUS* ET AUTRES CHAMPIGNONS FILAMENTEUX
(71) **THE GOVERNMENT OF THE UNITED STATES OF AMERICA** as represented by **THE SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES, c/o Centers for Disease Control and Prevention, Technology Transfer Office** [US/US]; Atlanta, GA 30329 (US).
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(72, 75) **MORRISON, Christine, J.** [US/US]; 3110 Tolbert Drive, Decatur, GA 30033 (US). **REISS, Errol** [US/US]; 3642 Castaway Court, Chamblee, GA 30341 (US). **AIDOREVICH, Liliana** [VE/VE]; Calle Circunvalación, Manzana B7 #16 Urlo, El Castan Maracay Edo Aragua (VE). **CHOL, Jong, Soo** [KR/KR]; 202-1506, Sinchungi-Town

Apartment, Whangum-dong, Susung-gu, Taegu City 706-040 (KR).

(74) **WARREN, William, L.** et al. / etc.; Jones & Askew, 37th floor, 191 Peachtree Street, N.E., Atlanta, GA 30303 (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).

(11) **WO 98/50585** (13) A1
(21) PCT/US98/09285
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/852,219 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12Q 1/68**
(54) ● MUTATIONS IN THE *katG* GENE USEFUL FOR DETECTION OF *M. TUBERCULOSIS*
● MUTATIONS DU GENE *katG* UTILES A LA DETECTION DE *M. TUBERCULOSIS*
(71) **MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH** [-/US]; 200 First Street S.W., Rochester, MN 55905 (US).

(72) **COCKERILL, Franklin, R., III**; 709 - 9th Avenue S.W., Rochester, MN 55902 (US). **KLINE, Bruce, C.**; 2315 Kline Lane S.W., Rochester, MN 55902 (US). **UHL, James, R.**; 711 - 9th Street S.W., Rochester, MN 55902 (US).

(74) **SANDBERG, Victoria, A.**; Mueting, Raasch & Gebhardt, P.A., P.O. Box 581415, Minneapolis, MN 55458-1415 (US).

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

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(11) **WO 98/50586** (13) A1
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(31) 60/046,132 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(31) 09/075,395 (32) **8 May/mai 1998 (08.05.1998)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12Q 1/68, C07H 21/04**
(54) ● SITE-SPECIFIC SYNTHESIS OF PSEUDOURIDINE IN RNA
● SYNTHESE SPECIFIQUE DE SITES DE PSEUDOURIDINE DANS DES ARN
(71) **UNIVERSITY OF MASSACHUSETTS** [US/US]; One Beacon Street, Boston, MA 02108 (US).

(72) **FOURNIER, Maurille, J.**; 10 Amherst Road, R.D. #3, Amherst, MA 01002 (US). **NI, Jingwei**; Apartment 228, 1040 North Pleasant Street, Amherst, MA 01002 (US).

(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).

(11) **WO 98/50587** (13) A1
(21) PCT/US98/09174
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 60/046,845 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(31) Not furnished / non communiqué (32) **4 May/mai 1998 (04.05.1998)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C12S 3/02**
(54) ● COMPOSITIONS AND METHODS FOR BIOREMEDIATION
● COMPOSITIONS ET PROCÉDES DE BIORÉSTAURATION
(71) **OHIO UNIVERSITY** [US/US]; Technology Transfer Office, Technology and Enterprise Building, Suite 190, 20 East Circle Drive, Athens, OH 45701-3751 (US).

(72) **COSCHIGANO, Peter, W.**; 11703 Channingway Boulevard, The Plains, OH 45780 (US).

(74) **CARROLL, Peter, G.** et al. / etc.; Medlen & Carroll, LLP, Suite 2200, 220 Montgomery Street, San Francisco, CA 94104 (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 98/50588** (13) A1
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(31) 08/854,275 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C13D 3/12, 3/14**
(54) ● PROCESS FOR PURIFYING SUGAR SOLUTIONS
● METHODE DE PURIFICATION DE SOLUTIONS DE SUCRE
(71) **ADVANCED SEPARATION TECHNOLOGIES INCORPORATED** [US/US]; 5315 Great Oak Drive, Lakeland, FL 33801-3180 (US).
(72) **PEASE, Stephen, F.**; 1806 South Bryan Road, Brandon, FL 33511 (US). **WEISS, Steven, M.**; 17705 Gray Eagle Drive, Tampa, FL 33647 (US).
(74) **SWECKER, Robert, S.** et al. / etc.; Burns, Doane, Swecker & Mathis, L.L.P., P.O. Box 1404, Alexandria, VA 22313-1404 (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).

(11) **WO 98/50589** (13) A1
(21) PCT/FI98/00379
(22) **4 May/mai 1998 (04.05.1998)**
(25) en (26) en
(31) 971914 (32) **5 May/mai 1997 (05.05.1997)** (33) FI

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C13K 13/00, C13F 1/02(54) ● CRYSTALLIZATION METHOD
● METHODE DE CRISTALLISATION(71) XYROFIN OY [FI/FI]; Kyllikinportti 2, FIN-00240 Helsinki (FI).
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(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) 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).

(11) WO 98/50590 (13) A1

(21) PCT/KR97/00080

(22) 8 May/mai 1997 (08.05.1997)

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C21B 7/12

(54) ● TAP HOLE DRILLING MACHINE FOR BLAST FURNACE, DRILL BIT FOR USE IN TAP HOLE DRILLING MACHINE, AND TAP HOLE DRILLING METHOD

● MACHINE FOREUSE DE TROUS DE COULEE POUR HAUT FOURNEAU, FORET A UTILISER DANS CETTE MACHINE FOREUSE DE TROUS DE COULEE, ET PROCEDE DE FORAGE DE TROUS DE COULEE

(71) POHANG IRON & STEEL CO., LTD. [KR/KR]; 1, Koedong-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-300 (KR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEE, Joung, Yul [KR/KR]; Pohang Iron & Steel Co., Ltd., 700, Kumho-dong, Kwangyang-shi, Cheonranam-do 545-090 (KR). KIM, Gap, Yeol [KR/KR]; Pohang Iron & Steel Co., Ltd., 700, Kumho-dong, Kwangyang-shi, Cheonranam-do 545-090 (KR). PÄE, Dong, Seog [KR/KR]; Pohang Iron & Steel Co., Ltd., 700, Kumho-dong, Kwangyang-shi, Cheonranam-do 545-090 (KR).

(74) CHUN, Choon, Hang; Woonam Building, 9th floor, 824-22, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

(11) WO 98/50591 (13) A1

(21) PCT/KR97/00076

(22) 2 May/mai 1997 (02.05.1997)

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C21B 13/14

(54) ● APPARATUS FOR MANUFACTURING MOL-TEN IRON BY USING CALCINATION FURNACE, AND MANUFACTURING METHOD THEREFOR

● APPAREIL DE PRODUCTION DE FONTE EN FUSION AU MOYEN D'UN FOUR DE CALCINATION, ET PROCEDE DE PRODUCTION CORRESPONDANT

(71) POHANG IRON & STEEL CO., LTD. [KR/KR]; 1 Koedong-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-300 (KR). RESEARCH INSTITUTE OF INDUSTRIAL SCIENCE & TECHNOLOGY [KR/KR]; San 32, Hoyoja-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-330 (KR). VOEST-ALPINE INDUSTRIEANLAGENBAU GMBH [AT/AT]; Turmstrasse 44, A-4031 Linz (AT).
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(72, 75) LEE, Sang, Deok [KR/KR]; Research Institute of Industrial Science & Technology, San 32, Hoyoja-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-330 (KR). JUNG, Young, Chae [KR/KR]; Research Institute of Industrial Science & Technology, San 32, Hoyoja-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-330 (KR). PARK, Yoon, Chul [KR/KR]; Research Institute of Industrial Science & Technology, San 32, Hoyoja-dong, Nam-ku, Pohang City, Kyongsangbook-do 790-330 (KR).

(74) CHUN, Choon, Hang; Woonam Building, 9th floor, 824-22, Yeoksam-dong, Kangnam-ku, Seoul 135-080 (KR).

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

(11) WO 98/50592 (13) A1

(21) PCT/IB98/00814

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 08/852,327 (32) 7 May/mai 1997 (33) US (07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C22B 3/00, 3/02, 3/04, E21B 43/28, 43/243

(54) ● IN-SITU CHEMICAL REACTOR FOR RECOVERY OF METALS OR PURIFICATION OF SALTS

● REACTEUR CHIMIQUE IN SITU DE RECUPERATION DE METAUX OU DE PURIFICATION DE SELS

(71) TARIM ASSOCIATES FOR SCIENTIFIC MINERAL AND OIL EXPLORATION AG [CH/CH]; Frohburgstrasse 96, CH-8006 Zürich (CH).

(72) HSU, Kenneth, J.; Frohburgstrasse 96, CH-8006 Zürich (CH).

(74) GRÄTTINGER, Günter; Grättinger & Partner, Wittelsbacherstrasse 5, Postfach 16 55, D-82306 Starnberg 1 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) WO 98/50593 (13) A1

(21) PCT/GB98/00929

(22) 26 Mar/mar 1998 (26.03.1998)

(25) en (26) en

(31) 9709222.5 (32) 8 May/mai 1997 (33) GB (08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C22C 33/02

(54) ● METHOD OF FORMING A COMPONENT BY SINTERING AN IRON-BASED POWDER MIXTURE

● PROCEDE DE FORMATION D'UN COMPOSANT UTILISANT LE FRITTAGE D'UN MELANGE DE POUDRES A BASE DE FER

(71) BRICO ENGINEERING LIMITED [GB/GB]; Holbrook Lane, Coventry, West Midlands CV6 4BG (GB).
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(72, 75) MAULIK, Paritosh [GB/GB]; 17 Warmington Close, Coventry, West Midlands CV3 2GQ (GB). MCARTHUR, Stephen [GB/GB]; 244 Boswell Drive, Coventry, West Midlands CV2 2GW (GB).

(74) DRURY, Peter, Lawrence et al. / etc.; T & N plc, Bowdon House, Ashburton Road West, Trafford Park, Manchester M17 1RA (GB).

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

Published / Publiée : (c)

(11) WO 98/50594 (13) A1

(21) PCT/US98/09415

(22) 7 May/mai 1998 (07.05.1998)

(25) en (26) en

(31) 60/045,860 (32) 8 May/mai 1997 (33) US (08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ C22C 38/12, 38/06, C23C 8/20, 8/46, C21D 8/00

(54) ● STEEL COMPOSITIONS AND METHODS OF PROCESSING FOR PRODUCING COLD-FORMED AND CARBURIZED COMPONENTS WITH FINE-GRAINED MICROSTRUCTURES

● COMPOSITIONS D'ACIER ET PROCEDES DE TRAITEMENT DESTINES A PRODUIRE DE COMPOSANTS CARBURES FORMES A FROID ET AYANT DES MICROSTRUCTURES A GRAIN FIN

(71) THE TIMKEN COMPANY [US/US]; 1835 Dueber Avenue, S.W., Canton, OH 44706-2798 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LEAP, Michael, J. [US/US]; 8111 Brooke Hollow Street, N.W., Massillon, OH 44646 (US). WINGERT, James, C. [US/US]; 6080 Echodell, N.W., North Canton, OH 44720 (US).

(74) ZIESENHEIM, Frederick, B. et al. / etc.; Webb Ziesenheim Bruening Logsdon Orkin & Hanson, P.C., 700 Koppers Building, 436 Seventh Avenue, Pittsburgh, PA 15219-1818 (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 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 : (a)

- (11) **WO 98/50595** (13) A1
(21) PCT/US98/07668
(22) **16 Apr/avr 1998 (16.04.1998)**
(25) en (26) en
(31) 08/846,453 (32) **1 May/mai 1997 (01.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C22F 1/04, 1/047, 1/057, 1/053, B21D 39/02, 5/16**
(54) ● A METHOD FOR IMPROVING THE HEM-
MABILITY OF AGE-HARDENABLE ALUMI-
NUM SHEET
● PROCEDE FACILITANT LE PLIAGE D'UNE
FEUILLE D'ALUMINIUM DURCISSABLE
PAR VIEILLISSEMENT
- (71) **GENERAL MOTORS CORPORATION**
[US/US]; P.O. Box 33114, Detroit, MI 48232
(US).
- (72) **KRAJEWSKI, Paul, E.**; 11803 15 Mile Road
#1B, Sterling Heights, MI 48312 (US). **RYNTZ,
Edward, F.**; 28231 Aline Drive, Warren, MI 48093
(US).
- (74) **GROVE, George, A.**; General Motors Corporation,
Legal Staff, P.O. Box 33114, Detroit, MI 48232
(US).
- (81) CA JP MX; EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50596** (13) A1
(21) PCT/US98/07824
(22) **14 Apr/avr 1998 (14.04.1998)**
(25) en (26) en
(31) 08/850,047 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(31) 08/850,048 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C23C 8/04, B05B 15/04**
(54) ● METHOD FOR MANUFACTURING PRECI-
SION GEARS AND A MASKING TOOL USE-
FUL IN PRACTICING THE METHOD
● PROCEDE DE FABRICATION
D'ENGRENAGES DE PRECISION ET PIECE
DE MASQUAGE CONVENANT A LA REA-
LISATION DU PROCEDE
- (71) **SIKORSKY AIRCRAFT CORPORATION**
[US/US]; Legal-IP Dept., 6900 Main Street, M/S
S316A, P.O. Box 9729, Stratford, CT 06497-9129
(US).
- (72) **BITTNER, Edward, H.**; 87 Mungertown Road,
Madison, CT 06443 (US). **KOSCOMB, Walter,
S., III**; 58 Osborn Hill Road, Sandy Hook, CT
06482 (US). **MITCHELL, George, D., Jr.**; 11
Wichwood Lane, Oxford, CT 06478 (US).
- (74) **COLLINS, Brian, A.**; Sikorsky Aircraft Corpa-
tion, Legal-IP 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).
-
- (11) **WO 98/50597** (13) A1
(21) PCT/US98/09521
(22) **8 May/mai 1998 (08.05.1998)**
(25) en (26) en
- (31) 60/046,097 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C23C 14/04, B01D 39/20**
(54) ● POROUS MEDIUM AND METHOD OF PRE-
PARING SAME
● SUPPORT POREUX ET PROCEDE DE PRE-
PARATION DE CELUI-CI
- (71) **PALL CORPORATION** [US/US]; 2200 Northern
Boulevard, East Hills, NY 11548 (US).
*(for all designated States except / pour tous les États
désignés sauf US)*
- (72) **75 GELMAN, Charles** [US/US]; 2685 Haw-
thorne, Ann Arbor, MI 48104 (US). **GILSON,
Timothy, J.** [US/US]; 4450 Gleaner Hall Road,
Ann Arbor, MI 48105 (US).
- (74) **JAY, Jeremy, M.** et al. / etc.; Leydig, Voit
& Mayer, Ltd., Suite 300, 700 Thirteenth Street,
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).
- Published / Publiée : (c)
-
- (11) **WO 98/50598** (13) A1
(21) PCT/US98/08961
(22) **4 May/mai 1998 (04.05.1998)**
(25) en (26) en
(31) 08/850,707 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C23C 14/34, B44C 1/22, B08B 3/12, C25F 3/00**
(54) ● METHOD OF REDUCING SPUTTERING
BURN-IN TIME, MINIMIZING SPUTTERED
PARTICULATE, AND TARGET ASSEMBLY
THEREFOR
● TECHNIQUE VISANT A REDUIRE LE
TEMPS DE FORMAGE D'UNE CIBLE POUR
PULVERISATION, A MINIMISER LA QUAN-
TITE PARTICULAIRE PULVERISEE, ET
CIBLE A CET EFFET
- (71) **HERAEUS, INC.** [US/US]; 301 North Roose-
velt Avenue, Chandler, AZ 85226 (US). **INTEL
CORPORATION** [US/US]; 2200 Mission Col-
lege Boulevard, P.O. Box 58119, Santa Clara, CA
95052-8119 (US).
- (72) **DUNLOP, John, A.**; 14643 S. 8th Street, Phoe-
nix, AZ 85048 (US). **GOLDSTEIN, Michael**;
1746 Wright Avenue, Sunnyvale, CA 94087 (US).
FELDEWERTH, Gerald, B.; 15026 South 8th
Street, Phoenix, AZ 85048 (US). **SHIM, Cari**;
7151 Quetta Avenue, Sunnyvale, CA 94087 (US).
SCHITNY, Stephan; 1642 E. Silverwood Drive,
Phoenix, AZ 85048 (US).
- (74) **PRICE, Robert, L.** et al. / etc.; McDermott,
Will & Emery, Suite 300, 99 Canal Center Plaza,
Alexandria, VA 22314 (US).
- (81) AU CA JP; EP (AT BE CH CY DE DK ES FI FR
GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50599** (13) A2
(21) PCT/EP98/02685
(22) **7 May/mai 1998 (07.05.1998)**
- (25) de (26) de
(31) 197 19 133.9 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C23C 16/00**
(54) ● QUARTZ GLASS COMPONENT FOR A
REACTOR HOUSING AND METHOD FOR
ITS PRODUCTION AND APPLICATION
● COMPOSANT DE VERRE AU QUARTZ
POUR ENVELOPPE DE REACTEUR, SON
PROCEDE DE FABRICATION ET SON UTI-
LISATION
- (71) **HERAEUS QUARZGLAS GMBH** [DE/DE];
Quarzstrasse, D-63450 Hanau (DE).
*(for all designated States except / pour tous les États
désignés sauf US)*
- (72, 75) **HELLMANN, Dietmar** [DE/DE]; Bachweg
2, D-63589 Linsengericht (DE). **LEIST, Johann**
[DE/DE]; Breite Schneise 13, D-63674 Altenstadt
(DE).
- (74) **STAUDT, Armin**; Heraeus Quarzglas GmbH,
Schutzrechte, Quarzstrasse, D-63450 Hanau (DE).
- (81) JP KR SG US; EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).
-
- (11) **WO 98/50600** (13) A1
(21) PCT/US98/08748
(22) **30 Apr/avr 1998 (30.04.1998)**
(25) en (26) en
(31) 60/045,502 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C23C 16/50, C23F 1/02, C03C 15/00, 25/06**
(54) ● METHOD AND APPARATUS FOR SPUTTER
CLEANING LEAD FRAMES
● PROCEDE ET APPAREIL DE NETTOYAGE
PAR PULVERISATION CATHODIQUE DE
CADRES DE MONTAGE
- (71, 72) **DOUGHTY, Frank, Christian** [US/US]; 7545
Crested Butte, Plano, TX 75025 (US). **SPENCER,
John, E.** [US/US]; 1213 Balboa Circle, Plano, TX
75075 (US).
- (74) **CAHOON, Colin, P.**; Carstens, Yee & Cahoon,
L.L.P., P.O. Box 802334, Dallas, TX 75380 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH
CN CU CZ DE DK EE ES FI GB GE GH GM GW
HU ID IL IS JP KE KG KP KR KZ LC LK LR
LS LT LU LV 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).
-
- (11) **WO 98/50601** (13) A1
(21) PCT/JP97/01527
(22) **6 May/mai 1997 (06.05.1997)**
(25) ja (26) ja
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **C23C 18/08**
(54) ● METAL PASTE AND METHOD FOR PRO-
DUCTION OF METAL FILM
● PATE METALLIQUE ET PROCEDE DE PRO-
DUCTION D'UNE COUCHE METALLIQUE
- (71) **TAKAMATSU RESEARCH LABORATORY**
[JP/JP]; 3-7, Kamizonochō, Nishinomiya-shi,
Hyogo 662 (JP).
*(for all designated States except / pour tous les États
désignés sauf US)*

- (72, 75) **TAKAMATSU, Hideki** [JP/JP]; 3-7, Kamizonocho, Nishinomiya-shi, Hyogo 662 (JP).
- (74) **NOGAWA, Shintaro**; Minamimorimachi Park Building, 1-3 Nishitenma 5-chome, Kita-Ku, Osaka-shi, Osaka 530-0047 (JP).
- (81) CN KR US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50602** (13) A1

(21) PCT/DE98/01227

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 18 971.7 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C23C 18/16, 18/36**

- (54) ● CURRENTLESS SELECTIVE METALLIZATION OF STRUCTURED METAL SURFACES
● METALLISATION SELECTIVE SANS COURANT DE SURFACES METALLIQUES STRUCTUREES

(71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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(72, 75) **WEBER, Lothar** [DE/DE]; Kaiserslauterer Strasse 40, D-70499 Stuttgart (DE). **BRINZ, Thomas** [DE/DE]; Pappelweg 67, D-71069 Sindelfingen (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 98/50603** (13) A1

(21) PCT/US97/07994

(22) **9 May/mai 1997 (09.05.1997)**

(25) en (26) en

(31) 60/045,514 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C25B 3/08**

- (54) ● ELECTROCHEMICAL FLUORINATION USING INTERRUPTED CURRENT
● FLUORATION ELECTROCHIMIQUE AU MOYEN DE COURANT DE RUPTURE

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **SCHULTE, Daniel, C.** 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 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).

(11) **WO 98/50604** (13) A1

(21) PCT/US98/09424

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,004 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 60/049,023 (32) **9 Jun/juin 1997 (09.06.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C25D 5/34, 5/48, 9/06, C25F 3/12**

- (54) ● SILICON ETCHING PROCESS FOR MAKING MICROCHANNEL PLATES

- PROCEDE D'ATTAQUE CHIMIQUE DE SILICIUM PERMETTANT DE FABRIQUER DES GALETTES DE MICROCANAL

(71) **NANOSYSTEMS, INC.** [US/US]; 83 Prokop Road, Oxford, CT 06478 (US).

(72) **BEETZ, Charles, P., Jr.**; 29 Cambridge Circle, New Milford, CT 06776 (US). **BOERSTLER, Robert, W.**; 35 Heritage Drive, Woodbury, CT 06798 (US). **STEINBECK, John**; 362A 5 West Lake Road, Fitzwilliam, NH 03447 (US). **WYNN, David, R.**; 112 Cedar Road, Wilton, CT 06897 (US).

(74) **MILLET, Marcus, J.** et al. / etc.; Lerner, David, Littenberg, Krumholz & Mentlik, 600 South Avenue West, Westfield, NJ 07090 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50605** (13) A1

(21) PCT/US98/09386

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/852,972 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C30B 23/00, 29/36**

- (54) ● METHOD OF MAKING A LOW RESISTIVITY SILICON CARBIDE BOULE
● PROCEDE DE FABRICATION D'UN LINGOT DE CARBURE DE SILICIUM A BASSE RESISTIVITE

(71) **NORTHROP GRUMMAN CORPORATION** [US/US]; 1840 Century Park East - 90/110/CC, Los Angeles, CA 90067-2199 (US).

(72) **BARRETT, Donovan, L.**; 6141 Sanctuary Gardens Boulevard, Port Orange, FL 32124 (US). **HOPKINS, Richard, H.**; 2792 Walker Drive, Export, PA 15632 (US). **McHUGH, James, P.**; 308 Frazier Drive, Pittsburgh, PA 15235 (US). **HOBGOOD, Hudson, McDonald**; 4751 Nob Hill Drive, Murrysville, PA 15668 (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).

(11) **WO 98/50606** (13) A1

(21) PCT/NL98/00246

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 1005963 (32) **2 May/mai 1997 (02.05.1997)** (33) NL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **C30B 25/08, 31/10, C23C 16/44**

- (54) ● VERTICAL FURNACE FOR THE TREATMENT OF SEMICONDUCTOR SUBSTRATES
● FOUR VERTICAL POUR LE TRAITEMENT DE SUBSTRATS SEMICONDUCTEURS

(71) **ASM INTERNATIONAL N.V.** [NL/NL]; Jan van Eycklaan 10, Postbus 100, NL-3720 AC Bilthoven (NL).
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(72, 75) **BUIJZE, Jacobus, Pieter** [NL/NL]; Diependaalselaan 177, NL-1214 KB Hilversum (NL). **STOUTJESDIJK, Jeroen, Jan** [NL/NL]; Nicolaas Beetsstraat 18 bis, NL-3511 HG Utrecht (NL). **DE RIDDER, Christianus, Gerardus, Maria** [NL/NL]; Esdoornlaan 19, NL-3828 BK Hoogland (NL). **STOHR, Hubertus, Johannes, Julius** [NL/NL]; Aalwal 45, NL-5211 PS 's-Hertogenbosch (NL).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octroobureau, Scheveningsweg 82, P.O. Box 29720, NL-2502 LS 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50607** (13) A1

(21) PCT/GB98/01320

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 9709108.6 (32) **7 May/mai 1997 (07.05.1997)** (33) GB

(31) 9717727.3 (32) **22 Aug/août 1997 (22.08.1997)** (33) GB

(31) 9720354.1 (32) **25 Sep/sep 1997 (25.09.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D01D 5/098, D01F 6/02, A61C 15/04**

- (54) ● PLASTICS MATERIALS YARN
● FIL EN MATIERE PLASTIQUE

(71) **PERI-DENT LIMITED** [GB/GB]; Tweedbank Industrial Estate, Tweedbank, Galashiels, Selkirkshire TD1 3RS (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HILL, David, Mackenzie** [GB/GB]; Peri-dent Limited, Tweedbank Industrial Estate, Tweedbank, Galashiels, Selkirkshire TD1 3RS (GB). **ROBERTS, Ian** [GB/GB]; Peri-dent Limited, Tweedbank Industrial Estate, Tweedbank, Galashiels, Selkirkshire TD1 3RS (GB).

(74) **LOCK, Howard, John**; Swindell & Pearson, 48 Friar Gate, Derby DE1 1GY (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 98/50608** (13) A1

(21) PCT/US98/09043

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/850,457 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D01D 5/253, D01F 6/62, D02G 3/02**

(54) ● POLYESTER YARN

● FIL DE POLYESTER

(63) US 08/850,457 (CIP)
5 May/mai 1997 (05.05.1997)

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(72, 75) **ALSTON, Peter, Van** [US/US]; 2634 Plantation Circle, Kinston, NC 28504 (US). **DUNCAN, Patrick, Joseph** [US/US]; 122 Cabbage Inlet Lane, Wilmington, NC 28409 (US). **HANSEN, Steven, Michael** [US/US]; 7008 Eschol Court, Wilmington, NC 28409 (US).

(74) **HAMBLY, Jane, O.**; E.I. du Pont de Nemours and Company, Legal/Patent Records Center, 1007 Market Street, Wilmington, DE 19898 (US).

(81) BR CA CN ID JP KR MX 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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(31) 9/114786 (32) **2 May/mai 1997 (02.05.1997)** (33) JP

(31) 9/282305 (32) **15 Oct/oct 1997 (15.10.1997)** (33) JP

(31) 9/285780 (32) **17 Oct/oct 1997 (17.10.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D01D 5/30, 5/32, D01F 8/04, 8/14, D01D 5/253**

(54) ● FIBERS WITH OPTICAL FUNCTION

● FIBRES A FONCTION OPTIQUE

(71) **NISSAN MOTOR CO., LTD.** [JP/JP]; 2, Takara-cho, Kanagawa-ku, Yokohama-shi, Kanagawa 221-0023 (JP). **TANAKA KIKINZOKU KOGYO K.K.** [JP/JP]; 6-6, Nihonbashikayabacho 2-chome, Chuo-ku, Tokyo 103-0025 (JP). **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihonmachi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-0054 (JP).
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(72, 75) **OWAKI, Shinji** [JP/JP]; Owari Seisen Company Limited, 2-25, Takahata-cho, Ichinomiya-shi, Aichi 491-0073 (JP). **KURODA, Toshimasa** [JP/JP]; Osaka Research Center of Teijin Limited, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567-0006 (JP). **SHIMIZU, Susumu** [JP/JP]; Technical Center of Tanaka Kikinzoku Kogyo K.K., 2-73, Shinmachi, Hiratsuka-shi, Kanagawa 254-0076 (JP). **SAKIHARA, Akio** [JP/JP]; Isehara Factory of Tanaka Kikinzoku Kogyo K.K., 26, Suzukawa, Isehara-shi, Kanagawa 259-1146 (JP). **KUMAZAWA, Kinya** [JP/JP]; 38-14, Kamoi 2-chome, Yokosuka-shi, Kanagawa 239-0813 (JP). **TABATA, Hiroshi** [JP/JP]; 17-6, Shinoharadai-machi, Kohoku-ku, Yokohama-shi, Kanagawa 222-0024 (JP). **ASANO, Makoto** [JP/JP]; Osaka Research Center of Teijin Limited, 4-1, Minohara 3-chome, Ibaraki-shi, Osaka 567-0006 (JP). **TAKAHASHI, Hidekazu** [JP/JP]; Miwa, 34-10, Sakuragaoka 2-chome, Hodogaya-ku, Yokohama-shi, Kanagawa 240-0011 (JP).

(74) **SHIGA, Fujiya**; Ekisaikai Building, 1-29, Akashi-cho, Chuo-ku, Tokyo 104-0044 (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 98/50610** (13) A1

(21) PCT/EP98/02411

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

(25) en (26) en

(31) 60/045,269 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D01F 6/60, 1/04, 1/06, 1/10**

(54) ● SOLUTION-DYED NYLON FIBERS

● FIBRES DE NYLON TEINTES DANS LA MASSE

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

(72) **MC INTOSH, Stanley, A.**; 348 Dogwood Road, Candler, NC 28715 (US). **HU, Harry, Y.**; 15 Spring Cove Road, Arden, NC 28704 (US). **BAILEY, Bobby, J.**; 117 Queen Road, Candler, NC 28715 (US). **GANNON, O., Keith**; 111 Holly Hills Drive, Mt. Sterling, KY 40353 (US).

(74) **STARK, Vera** et al. / etc.; BASF Aktiengesellschaft, D-67056 Ludwigshafen (DE).

(81) BG BR BY CN CZ HU ID IL JP KR LV PL RO RU SG SI SK TR UA 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).

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(31) 08/850,319 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D01F 6/62, 8/14, D04H 1/42, B32B 27/36**

(54) ● DEGRADABLE POLYMER FIBERS; PREPARATION; PRODUCT; AND METHODS OF USE

● FIBRES POLYMERES DEGRADABLES; PREPARATION; PRODUIT; ET PROCÉDES D'UTILISATION

(71) **CARGILL, INCORPORATED** [US/US]; Law Dept., 15407 McGinty Road, MS24, Minneapolis, MN 55391-2399 (US).

(72) **RYAN, Christopher, M.**; 9186 Quinwood Lane North, Maple Grove, MN 55369 (US). **BUEHLER, Nancy, Uzelac**; 217 Bank Street S.E., Minneapolis, MN 55414 (US). **GESSNER, Scott, Louis**; 341 Willowspring Drive North, Encinitas, CA 92024 (US). **BROSCH, Andrea, Lee**; 6470 Udestad Street, Eden Prairie, MN 55346 (US).

(74) **DALEY, Dennis, R.**; 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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(31) 1060/97 (32) **6 May/mai 1997 (06.05.1997)** (33) CH

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D02G 1/16, 3/48**

(54) ● FILLING YARN AND METHOD FOR PRODUCING IT FROM THERMALLY PROTECTED POLYAMIDE 6.6 FOR TYRE CORD FABRIC

● FIL DE TRAME ET PROCÉDE DE FABRICATION D'UN FIL DE TRAME A PARTIR D'UN POLYAMIDE 6.6 THERMOPROTEGE POUR TISSU POUR CABLE POUR PNEU

(71) **RHODIA FILTEC AG** [CH/CH]; CH-6021 Emmenbrücke (CH).
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(72, 75) **LANG, Bruno** [CH/CH]; Wilhofweg 1, CH-6275 Ballwil (CH). **SCHAFFNER, Paul** [CH/CH]; Weinhalde 12, CH-6010 Kriens (CH).

(74) **HERRMANN, Peter**; Rhodia Filtec AG, Patentabteilung MP, CH-6021 Emmenbrücke (CH).

(81) BR CN CZ ID JP MX TR 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).

(11) **WO 98/50613** (13) A1

(21) PCT/EP98/02529

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

(25) de (26) de

(31) 197 18 562.2 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D03C 19/00, D04B 37/00**

(54) ● DEVICE FOR OPTIMIZING FABRICS BASED ON MEASURED THREAD DATA AND OPTIMIZATION METHOD

● DISPOSITIF POUR L'OPTIMISATION DE TISSUS FONDEE SUR DES DONNEES DE FIL MESUREES, ET PROCEDE D'OPTIMISATION

(71) **INGENIEURBÜRO DIETER ZWEIGLE** [DE/DE]; Ferdinand-Lassalle-Strasse 54, D-72770 Reutlingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ZWEIGLE, Dieter** [DE/DE]; Ferdinand-Lassalle-Strasse 54, D-72770 Reutlingen (DE).

(74) **MAMMEL, Ulrike** et al. / etc.; Weimarer Strasse 32/34, D-71065 Sindelfingen (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 98/50614** (13) A1

(21) PCT/EP98/02493

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(31) 9700405 (32) **7 May/mai 1997 (07.05.1997)** (33) BE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D03D 47/27**

(54) ● GRIPPER WEAVING MACHINE
● MACHINE A TISSER A LANCES

(71) **PICANOL N.V.** [BE/BE]; Polenlaan 3-7, B-8900 Ieper (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MEYNS, Ignace** [BE/BE]; Oostpoeselstraat 7, B-8647 Reninge (BE). **SLOSSE, Kurt** [BE/BE]; Het Schuttershof 34, B-8904 Boezinge (BE).

(74) **DAUSTER, Hanjörg**; Wilhelm & Dauster, Hospitalstrasse 8, D-70174 Stuttgart (DE).

(81) 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 98/50615** (13) A1

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(31) 9700404 (32) **7 May/mai 1997 (07.05.1997)** (33) BE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D03J 1/00, G01P 13/00**

(54) ● DEVICE FOR DETECTING THE DIRECTION OF A BLOW JET FROM A NOZZLE
● DISPOSITIF POUR DETECTER LE SENS DU JET DE SOUFFLAGE D'UNE BUSE

(71) **PICANOL N.V.** [BE/BE]; Polenlaan 3-7, B-8900 Ieper (BE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **VERHULST, Joseph** [BE/BE]; Schachtewei-destraat 14, B-8902 Zillebeke (BE).

(74) **DAUSTER, Hanjörg**; Wilhelm & Dauster, Hospitalstrasse 8, D-70174 Stuttgart (DE).

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

(11) **WO 98/50616** (13) A1

(21) PCT/US97/16464

(22) **17 Sep/sep 1997 (17.09.1997)**

(25) en (26) en

(31) 08/852,860 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D04H 1/56**

(54) ● SORBENT, PILLOWED NONWOVEN WEBS
● BANDES ABSORBANTES, NON TISSEES, EN FORME DE COUSSIN

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **INSLEY, Thomas, I.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHRAEDER, Beth, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **YOUNG, Donald, E.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **CERNOHOUS, Stanley, P.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **ROGERS, James, A.** 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).

(11) **WO 98/50617** (13) A1

(21) PCT/EP98/02486

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

(25) de (26) de

(31) 197 18 633.5 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D04H 1/58, C09J 133/08, D06N 3/00, B32B 5/02, C14B 7/00, D21H 13/34**

(54) ● THERMOPLASTIC COMPOSITE MATERIAL
● MATERIAU COMPOSITE THERMOPLASTIQUE

(71) **DORUS KLEBTECHNIK GMBH & CO. KG** [DE/DE]; Kirchheimer Strasse 7 - 9, D-73441 Bopfingen (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LORENZ, Jürgen** [DE/DE]; Brucknerstrasse 8, D-73441 Bopfingen (DE). **WILKA, Ewald** [DE/DE]; Schillerstrasse 16, D-73485 Unterschneidheim (DE).

(74) **HASE, Christian**; Henkel KGaA, Patente (TTP), D-40191 Düsseldorf (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 98/50618** (13) A1

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(31) 197 19 372.2 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D05B 65/06**

(54) ● METHOD AND DEVICE FOR SECURING THE END OF A STITCH BY DRAWING IN THE CHAIN OF THREAD IN SINGLE OR DUAL NEEDLE OVEREDGE STITCHING MACHINES

● PROCEDE ET DISPOSITIF POUR FINIR UNE COUTURE PAR UN POINT D'ARRET, PAR INTRODUCTION DE LA CHAINE DE FIL SUR DES MACHINES A COUDRE A SURJET A UNE OU DEUX AIGUILLES

(71) **ALTIN NÄHTECHNIK-PROTOTYPING GMBH** [DE/DE]; Friedrich-Ebert-Strasse 33, D-04600 Altenburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RATTAY, Frank** [DE/DE]; Käthe-Kollwitz-Strasse 33, D-04600 Altenburg (DE). **KÖHLER, Dietmar** [DE/DE]; Schmöllnsche Landstrasse 34D, D-04600 Altenburg (DE). **KÖHLER, Christian** [DE/DE]; Otto-Dix-Strasse 16, D-04600 Altenburg (DE). **SCHIRMER, Tino** [DE/DE]; Ernst-Barlach-Strasse 52, D-04600 Altenburg (DE).

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

(11) **WO 98/50619** (13) A1

(21) PCT/US98/08211

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

(25) en (26) en

(31) 60/045,584 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D06M 15/277, 15/437, 15/576, 13/425, 15/55, 15/21**

(54) ● TREATMENT OF FIBROUS SUBSTRATES TO IMPART REPELLENCY, STAIN RESISTANCE, AND SOIL RESISTANCE

● TRAITEMENT DE SUBSTRATS FIBREUX VISANT A LEUR CONFERER DES PROPRIETES HYDROFUGES, ANTI-TACHES ET ANTI-SALISSURES

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) **CLARK, John, C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **NEWLAND, John, C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KAMRATH, Robert, F.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **BURLEIGH, Malcolm, B.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **SCHAFFER, Kevin, R.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) **FORTKORT, John, A.** et al. / etc.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(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).

(11) **WO 98/50620** (13) A1

(21) PCT/US98/08600

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

(25) en (26) en

(31) 60/045,503 (32) **2 May/mai 1997** (33) US
(02.05.1997)

(31) 09/067,465 (32) **28 Apr/avr 1998** (33) US
(28.04.1998)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D06N 7/04, F16F 7/12**

(54) ● ENERGY DISSIPATING COMPOSITE MEMBER WITH PROGRESSIVE FAILURE

● ELEMENT COMPOSITE DISSIPATEUR D'ENERGIE A DEFAILLANCE PROGRESSIVE

(71) **GEORGIA TECH RESEARCH CORPORATION** [US/US]; Centennial Research Building, 400 Tenth Street, Atlanta, GA 30332-0415 (US).

(72) **DANCILA, D., Stefan**; Apartment J, 3062 Spring Hill Parkway, Smyrna, GA 30080 (US). **ARMANIOS, Erian, A.**; 486 Guilford Circle, Marietta, GA 30068 (US).

(74) **HORSTEMEYER, Scott, A.**; Thomas, Kayden, Horstemeier & Riskey, L.L.P., Suite 1500, 100 Galleria Parkway, Atlanta, GA 30339 (US).

(81) CA JP KR MX; EA (AM AZ BY KG KZ MD RU TJ TM).

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(11) **WO 98/50621** (13) A1

(21) PCT/BR98/00021

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

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(31) PI 9703101-1 (32) **7 May/mai 1997** (33) BR
(07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D07B 1/02**

(54) ● SYNTHETIC CABLE PROVIDED WITH PROTECTION AGAINST SOIL INGRESS

● CABLE SYNTHETIQUE AVEC PROTECTION CONTRE LA PENETRATION DE TERRE

(71) **PETRÓLEO BRASILEIRO S.A., - PETROBRAS** [BR/BR]; Avenida República do Chile, 65, CEP-20035-900 Rio de Janeiro, RJ (BR).

(72) **MORAES DEL VECCHIO, Cesar José**; Condomínio Village Pendotiba, Rua F, No. 172, CEP-24320-570 Niterói, RJ (BR). **TSUYOSHI KOMURA, Adolfo**; Rua Dr. Telio Barreto, No. 827/301, CEP-27910-060 Macaé, RJ (BR).

(81) AL AM AT AU AZ BA BB BG 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).

(11) **WO 98/50622** (13) A1

(21) PCT/US98/01762

(22) **23 Jan/jan 1998 (23.01.1998)**

(25) en (26) en

(31) 08/854,028 (32) **9 May/mai 1997** (33) US
(09.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D21B 1/02, B07B 1/12**

(54) ● OVERHEAD DRIVE BAR SCREEN

● CLASSEUR A BARREAUX COMMANDES PAR LE HAUT

(71) **BELOIT TECHNOLOGIES, INC.** [US/US]; Suite 3001, 3513 Concord Pike, Wilmington, DE 19803 (US).

(72) **BIELAGUS, Joseph, B.**; 21508 S.W. Christiansen, Tualatin, OR 97062 (US).

(74) **CAMPBELL, Raymond, W.**; One St. Lawrence Avenue, Beloit, WI 53511 (US).

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

(11) **WO 98/50623** (13) A1

(21) PCT/SE98/00813

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 9701687-7 (32) **5 May/mai 1997** (33) SE
(05.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D21B 1/12**

(54) ● APPARATUS FOR FEEDING AND REFINING LIGNOCELLULOSIC MATERIAL

● APPAREIL D'ALIMENTATION ET DE RAFFINAGE DE MATIERE LIGNOCELLULOSIQUE

(71) **SUNDS DEFIBRATOR INDUSTRIES AB** [SE/SE]; S-851 94 Sundsvall (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **LARSSON, Inge** [SE/SE]; Påskvägen 11, S-863 34 Sundsbruk (SE). **LUNDGREN, Göran** [SE/SE]; Metkroksvägen 2, S-865 91 Alnö (SE). **SÖDERBERG, Carl-Johan** [SE/SE]; Allégatan 11, S-856 41 Sundsvall (SE). **AHLGREN, Örjan** [SE/SE]; Kvistbacken 9, S-865 31 Alnö (SE).

(74) **STOLI, Lars, C.**; L.A. Groth & Co. KB, P.O. Box 6107, S-102 32 Stockholm (SE).

(81) CA 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 98/50624** (13) A1

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(31) 971938 (32) **6 May/mai 1997** (33) FI
(06.05.1997)

(31) 60/051,708 (32) **3 Jul/juil 1997** (33) US
(03.07.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D21D 5/00**

(54) ● METHOD AND ARRANGEMENT FOR CONTROLLING A MULTI-PHASE SCREENING APPARATUS

● PROCEDE ET DISPOSITIF POUR COMMANDER UN DISPOSITIF DE CLASSAGE A ETAGES MULTIPLES

(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).
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(72, 75) **HAUTALA, Jouko** [FI/FI]; Pappusenkatu 21 A6, FIN-33400 Tampere (FI). **VALLI, Juhani** [FI/FI]; Väinämöisenkatu 21 D 34, FIN-33540 Tampere (FI). **VUORINEN, Timo** [FI/FI]; Alaniemenkatu 10 B 6, FIN-33300 Tampere (FI).

PETÄJISTÖ, Jorma [FI/FI]; Kemiankatu 14, FIN-33720 Tampere (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 (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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(31) 08/853,610 (32) **9 May/mai 1997** (33) US
(09.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D21F 1/02**

(54) ● A HOLDER DEVICE FOR HOLDING A TRAILING ELEMENT

● DISPOSITIF DE SUPPORT POUR ELEMENT TRAINANT

(71) **BELOIT TECHNOLOGIES, INC.** [US/US]; Suite 3001, 3513 Concord Pike, Wilmington, DE 19803 (US).

(72) **PANTALEO, Scott, B.**; 1711 Emerson Street, Beloit, WI 53511 (US).

(74) **ARCHER, David, J.**; Beloit Corporation, One St. Lawrence Avenue, Beloit, WI 53511 (US).

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

(11) **WO 98/50626** (13) A2

(21) PCT/DE98/01148

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

(25) de (26) de

(31) 197 19 139.8 (32) **7 May/mai 1997** (33) DE
(07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **D21F 1/66, D21D 5/18, B01D 35/06**

(54) ● METHOD AND DEVICE FOR SEPARATING THE LIQUID CONTAINED IN A SUSPENSION FROM THE DISPERSED MATERIAL IN THE SUSPENSION

● PROCEDE ET DISPOSITIF POUR LA SEPARATION DU LIQUIDE CONTENU DANS UNE SUSPENSION DE LA SUBSTANCE DISPERSÉE DANS LA SUSPENSION

(71, 72) **KOHL, Alois** [DE/DE]; Am Hasenberg 9, D-56566 Neuwied (DE).

(74) **GROMMES, Karl, F.**; Mehlgasse 14-16, D-56068 Koblenz (DE).

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

- (11) **WO 98/50627** (13) A1
(21) PCT/IB98/00650
(22) **29 Apr/avr 1998 (29.04.1998)**
(25) en (26) en
(31) 60/045,983 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(31) 60/045,982 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(31) 08/853,561 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **D21F 11/00**
(54) ● PAPERMAKING BELT WITH IMPROVED ELONGATION RESIN
● COURROIE UTILISEE DANS LA FABRICATION DU PAPIER ET COMPRENANT UNE RESINE AUX PROPRIETES D'ALLONGEMENT AMELIOREES
(71) **THE PROCTER & GAMBLE COMPANY** [US/US]; One Procter & Gamble Plaza, Cincinnati, OH 45202 (US).
(72) **BOUTILIER, Glenn, David**; 10566 Stablehand Drive, Cincinnati, OH 45242 (US). **TROKHAN, Paul, Dennis**; 1356 Warvel Road, Hamilton, OH 45013 (US). **STELLJES, Michael, Gomer, Jr.**; 8354 Ashley Hall Court, 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 GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50628** (13) A1
(21) PCT/FI98/00392
(22) **7 May/mai 1998 (07.05.1998)**
(25) fi (26) en
(31) 60/045,871 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **D21G 1/00**
(54) ● METHOD AND ARRANGEMENT FOR COMPUTING AND REGULATION OF THE DISTRIBUTION OF LINEAR LOAD IN A MULTI-NIP CALENDER AND A MULTI-NIP CALENDER
● PROCEDE ET DISPOSITION PERMETTANT DE CALCULER ET DE REGULER LA DISTRIBUTION DE CHARGE LINEAIRE DANS UNE CALANDRE A MULTIPLES PINCES ET CALANDRE A MULTIPLES PINCES
(71) **VALMET CORPORATION** [FI/FI]; Panuntie 6, FIN-00620 Helsinki (FI).
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(72, 75) **MÄENPÄÄ, Tapio** [FI/FI]; Naulakalliontie 6 A, FIN-00970 Helsinki (FI). **LEINONEN, Erkki** [FI/FI]; Kasvitarhankatu 1, FIN-04400 Järvenpää (FI). **KIVIOJA, Pekka** [FI/FI]; Vainiontie 15, FIN-40950 Muurame (FI). **EHROLA, Juha** [FI/FI]; Kotamäentie 7 B, FIN-40800 Vaajakoski (FI). **HIRSALMI, Iikka** [FI/FI]; Uuraantie
- 3 A, FIN-04400 Järvenpää (FI). **LINNONMAA, Pekka** [FI/FI]; Sipointie 6 as 3, FIN-02140 Espoo (FI). **KOIVUKUNNAS, Pekka** [FI/FI]; Kauhavan-kuja 5, FIN-04430 Järvenpää (FI). **VILJANMAA, Mika** [FI/FI]; Otsolahdentie 18 A 6, FIN-02110 Espoo (FI).
(74) **FORSSÉN & SALOMAA OY**; Yrjökatu 30, FIN-00100 Helsinki (FI).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE; OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50629** (13) A1
(21) PCT/SE98/00585
(22) **30 Mar/mar 1998 (30.03.1998)**
(25) sv (26) en
(31) 9701711-5 (32) **7 May/mai 1997 (07.05.1997)** (33) SE
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **D21H 17/66, A61L 15/18 // D21C 9/00, D21H 21/14**
(54) ● METHOD FOR THE PREPARATION OF CELLULOSE PULP, CELLULOSE PULP TO BE USED IN ABSORPTION PRODUCTS, AND ABSORPTION PRODUCT
● PROCEDE DE PREPARATION DE PATE A PAPIER, PATE A PAPIER DESTINEE A ETRE UTILISEE DANS DES PRODUITS ABSORBANTS ET PRODUIT ABSORBANT
(71) **STORA KOPPARBERGS BERGSLAGS AKTIEBOLAG (publ)** [SE/SE]; Åsgatan 22, S-791 80 Falun (SE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **NORLANDER, Leif** [SE/SE]; Länsmansvägen 7, S-791 61 Falun (SE).
(74) **HYNELL, Magnus**; Hynell Patenttjänst AB, Patron Carls väg 2, S-683 40 Hagfors/Uddeholm (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 98/50630** (13) A1
(21) PCT/EP98/02446
(22) **24 Apr/avr 1998 (24.04.1998)**
(25) de (26) de
(31) 197 19 059.6 (32) **6 May/mai 1997 (06.05.1997)** (33) DE
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **D21H 21/02, 17/45, 17/54**
(54) ● METHOD FOR PRODUCING PAPER, PAPERBOARD AND CARDBOARD
● PROCEDE DE PRODUCTION DE PAPIER, DE CARTON SOUPLE ET DE CARTON EPAIS
(71) **BASF AKTIENGESELLSCHAFT** [DE/DE]; D-67056 Ludwigshafen (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **ETTL, Roland** [DE/DE]; Fritz-Haber-Strasse 3b, D-67454 Haßloch (DE). **MEIXNER, Hubert** [DE/DE]; Edigheimer Strasse 45, D-67069 Ludwigshafen (DE). **ESSER, Anton** [DE/DE]; Mönchwörthstrasse 6, D-68199 Mannheim (DE). **SCHOLZ, Rainer** [DE/DE]; Stephansring 1, D-67125 Dannstadt-Schauernheim (DE). **MAHR, Norbert** [DE/DE]; Am Fügenberg 13, D-67065 Ludwigshafen (DE). **STEUERLE, Ulrich** [DE/DE]; Heckerstrasse 33, D-69124 Heidelberg (DE). **HÖNE, Matthias** [DE/DE]; Bismarckstrasse 5, D-69226 Nußloch (DE). **LORENZ, Klaus** [DE/DE]; Ludwig-Uhland-Strasse 16, D-67549 Worms (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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- (11) **WO 98/50631** (13) A1
(21) PCT/EP98/02610
(22) **4 May/mai 1998 (04.05.1998)**
(25) de (26) de
(31) 197 19 128.2 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **D21H 23/32, 23/46**
(54) ● DEVICE FOR APPLYING A COATING MATERIAL
● PROCEDE ET DISPOSITIF POUR APPLIQUER UNE COUCHE DE MATERIAU D'ENDUCTION SUR UNE BANDE DE MATERIAU EN DEPLACEMENT
(71) **JAGENBERG PAPIERTECHNIK GMBH** [DE/DE]; Jagenbergstrasse 1, D-41468 Neuss (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **BECKER, Ingo** [DE/DE]; Dr.-Johannes-Honnef-Strasse 14a, D-50859 Köln (DE).
(74) **THUL, Hermann**; Jagenberg Aktiengesellschaft, Zentrale Patentabteilung, Kennedydamm 17, D-40476 Düsseldorf (DE).
(81) BR 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 98/50632** (13) A1
(21) PCT/EP98/02473
(22) **25 Apr/avr 1998 (25.04.1998)**
(25) de (26) de
(31) 197 18 363.8 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **E01C 5/06**
(54) ● SHAPED BLOCK, ESPECIALLY A CONCRETE BLOCK

- BRIQUE MOULEE, EN PARTICULIER EN BETON
- (71, 72) **SCHEIWILLER, Rolf** [CH/CH]; Buolterlistrasse 9, CH-6052 Hergiswil (CH).
- (74) **OTTEN, Herbert**; Seestrasse 42, D-88214 Ravensburg (DE).
- (81) CA CN JP 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 98/50633** (13) A1
 (21) PCT/BE98/00062
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) nl (26) en
 (31) 9700400 (32) **5 May/mai 1997 (05.05.1997)** (33) BE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E01C 5/10, 5/08, 11/22, 11/26**
 (54) ● CONCRETE SURFACE
 ● SURFACE EN BETON
 (71) **CARFIN** [BE/BE]; Houthalensehieweg 3, B-3530 Houthalen-Helchteren (BE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BRUGGEMAN, René** [BE/BE]; Loveldstraat 16, B-9070 Heusden (BE).
 (74) **VOSSWINKEL, Philippe** 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 98/50634** (13) A1
 (21) PCT/NL98/00249
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) nl (26) en
 (31) 1005974 (32) **5 May/mai 1997 (05.05.1997)** (33) NL
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E01C 19/20, A01C 15/18**
 (54) ● SPREADER
 ● EPANDEUSE
 (71) **BEEM B.V.** [NL/NL]; Industrieweg 14A, NL-9781 AC Bedum (NL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **BOS, Johannes, Jacobus** [NL/NL]; Stationsweg 36, NL-9781 CJ Bedum (NL).
 (74) **SMULDERS, Th., A., H., J.**; Verenigde 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 98/50635** (13) A1
 (21) PCT/US97/16542
 (22) **18 Sep/sep 1997 (18.09.1997)**
 (25) en (26) en
 (31) 08/852,986 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E01F 9/00, 9/04**
 (54) ● INCONSPICUOUS PAVEMENT MARKINGS AND METHOD FOR MAKING
 ● MARQUAGES DISCRETS POUR CHAUSSEE ET LEUR PROCEDE DE FABRICATION
 (71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
 (72) **NOWICKI, Thomas, E.**; 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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50636** (13) A1
 (21) PCT/US98/09451
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/853,332 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (31) 09/074,954 (32) **8 May/mai 1998 (08.05.1998)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E01F 9/06**
 (54) ● RAISED ROAD MARKER
 ● DISPOSITIF DE MARQUAGE ROUTIER EN RELIEF
 (71, 72) **GREEN, John, L.** [US/US]; 667 Cain Lk. Road, Sedro Woolley, WA 98284 (US).
 (74) **PAULY, Joan, H.**; Barnard, Pauly & Bellamy, P.S., P.O. Box 58888, Seattle, WA 98138-1888 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50637** (13) A1
 (21) PCT/US98/09029
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 60/046,015 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E01F 15/04, 9/018**
 (54) ● BREAKAWAY SUPPORT POST FOR HIGHWAY GUARDRAIL END TREATMENTS
 ● POTEAU DE SUPPORT A MECANISME DE RUPTURE POUR EXTREMITES DE RAIL DE GLISSIERE DE SECURITE D'AUTOROUTE
 (71) **EXODYNE TECHNOLOGIES, INC.** [US/US]; P.O. Box 121008, Fort Worth, TX 76121-1008 (US).
 (72) **ALBRITTON, James, R.**; 208 Highland Drive, Aledo, TX 76008 (US).
 (74) **FELGER, Thomas, R.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50638** (13) A1
 (21) PCT/DE98/01184
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) de (26) de
 (31) 197 19 371.4 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E02B 5/08, E03F 5/14**
 (54) ● STEPPED FILTRATION DEVICE FOR MECHANICALLY SEPARATING SOLIDS FROM LIQUIDS
 ● DISPOSITIF DE FILTRATION ETAGE POUR LA SEPARATION MECANIQUE DE SOLIDES CONTENUS DANS DES LIQUIDES
 (71) **EGNER UMWELTECHNOLOGIE GMBH** [DE/DE]; Jahnstrasse 19, D-74722 Buchen (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **GIERSBERG, Alfred** [DE/DE]; Bernhard-Letterhaus-Strasse 3, D-59192 Bergkamen (DE).
 (81) AU CA CN CZ HU JP KR MX NZ PL 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 98/50639** (13) A2
 (21) PCT/US98/09419
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 60/045,952 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ E02D

- (54) ● METHOD AND APPARATUS FOR JOINING STRUCTURAL COMPONENTS
- PROCEDE ET APPAREIL D'ASSEMBLAGE DE COMPOSANTS STRUCTURELS

(71, 72) CHAPMAN, William, A. [US/US]; 2706 South Horseshoe Drive, Naples, FL 33942 (US).

(74) OLDHAM, Scott, M.; Oldham & Oldham Co., L.P.A., Twin Oaks Estate, 1225 W. Market Street, Akron, OH 44313 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50640 (13) A1

(21) PCT/AU98/00331

(22) 7 May/mai 1998 (07.05.1998)

(25) en (26) en

(31) PO 6665 (32) 7 May/mai 1997 (07.05.1997) (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ E02D 5/64

- (54) ● REPAIR OF STRUCTURAL MEMBERS
- REPARATION DES ELEMENTS DE STRUCTURE

(71) AMOG TECHNOLOGIES PTY. LTD. [AU/AU]; 1/8 The Highway, Mount Waverley, VIC 3149 (AU).
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(72, 75) SINCOCK, Paul [GB/AU]; 2 Mavista Avenue, Glen Waverley, VIC 3150 (AU). POTTS, Andrew, Elmhirst [AU/AU]; 18 Chelmsford Street, North Balwyn, VIC 3104 (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).

(11) WO 98/50641 (13) A2

(21) PCT/UA98/00009

(22) 6 May/mai 1998 (06.05.1998)

(25) ru (26) ru

(31) 97106689 (32) 6 May/mai 1997 (06.05.1997) (33) RU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ E02F

- (54) ● MACHINE FOR DIGGING INTO THE LOWER LAYERS OF THE GROUND
- MACHINE POUR CREUSER DANS LES COUCHES INFÉRIEURES DU SOL

(71) OBSHCHESTVO S OGRANICHENNOI OTVETSTVENNOSTIJU NAUCHNO-ISSLEDOVATELSKY I TEKHNIЧЕСKY TSENTR "ROTOR" ul. Suvorova, 1 [UA/UA]; Kiev, 252010 (UA). AKTSIONERNOE OBSHCHESTVO OTKRYTOGO TIPA [RU/RU]; AKTSIONERNAYA KOMPANIA PO TRANSPORTU NEFTI "TRANSNEFT", Sofiyskaya nab., 26/1, Moscow, 113816 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) BYKOV, Alexandr V. [UA/UA]; ul. Borschagovskaya, 210-23, Kiev, 252058 (UA). VASILENKO, Stanislav K. [UA/UA]; ul. Pobedy, 13-140, Poltavskaya obl., Kremenchug, 315305 (UA). KOVAL, Andrey B. [RU/RU]; ul. Boichenko, 17-43, Kiev, 253206 (UA). KUMYL-GANOV, Alexandr S. [RU/RU]; ul. Chernyakhovskogo, 5-97, Moscow, 125319 (RU). KUSHNIR, Efim A. [RU/RU]; pr. Mayakovskogo, 93a-83, Kiev, 253232 (UA). MAMONTOV, Jury M. [RU/RU]; ul. Alma-Atinskaya, 2-77, Moscow, 115408 (RU). MOVCHAN, Aly A. [UA/UA]; per. Pochtovy, 6-30, Poltavskaya obl., Kremenchug, 315314 (UA). MUSIIKO, Vladimir D. [UA/UA]; ul. Teremkovskaya, 12-57, Kiev, 252207 (UA). CHERNYAEV, Valery D. [RU/RU]; ul. Malaya Polyanka, 7-8, Moscow, 109180 (RU). YAKOVLEV, Viktor I. [UA/UA]; ul. Buturina, 45-9, Poltavskaya obl., Kremenchug, 315300 (UA).

(74) GORSKAYA, Irina A.; ul. Nikolsko-Botanichestkaya, 27/29-48, Kiev, 252032 (UA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50642 (13) A1

(21) PCT/ES98/00120

(22) 4 May/mai 1998 (04.05.1998)

(25) es (26) es

(31) U 9701210 (32) 5 May/mai 1997 (05.05.1997) (33) ES

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ E03D 1/14

- (54) ● WATER ECONOMIZER APPLICABLE TO CONVENTIONAL FLUSHING SYSTEM OF W.C. TANKS

● DISPOSITIF ECONOMISEUR D'EAU SUSCEPTIBLE D'ETRE APPLIQUE A DES SYSTEMES DE DECHARGE CLASSIQUES DE RESERVOIRS DE W-C

(71, 72) FERNANDEZ VERA, José Antonio [ES/ES]; Calle San Sebastian, 28, E-13500 Puertollano (ES).

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

(11) WO 98/50643 (13) A1

(21) PCT/GB98/01311

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 9709227.4 (32) 7 May/mai 1997 (07.05.1997) (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ E03D 1/33

(54) ● WATER WASTE PREVENTER

● DISPOSITIF DE PREVENTION DE GASPILLAGE D'EAU

(71) AW CREATIVE TECHNOLOGIES LIMITED [GB/GB]; Anglian House, Ambury Road, Huntingdon, Cambridgeshire PE18 6NZ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SMITH, John, Robert [GB/GB]; 5 Charles Close, Higham Ferrers, Rushden, Northampton NN10 8JS (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 98/50644 (13) A1

(21) PCT/AU98/00310

(22) 29 Apr/avr 1998 (29.04.1998)

(25) en (26) en

(31) PO 6595 (32) 1 May/mai 1997 (01.05.1997) (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ E03F 5/16

- (54) ● GREASE SEPARATING DEVICE
- DISPOSITIF DE SEPARATION DES GRAISSES

(71) ECLIPSE ENVIRONMENTAL AUSTRALIA PTY. LIMITED [AU/AU]; Level 20, 99 Walker Street, North Sydney, NSW 2060 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) LAFERLA, Richard [AU/AU]; 1 Clarke Street, Granville, NSW 2142 (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).

(11) WO 98/50645 (13) A1

(21) PCT/FI98/00385

(22) 6 May/mai 1998 (06.05.1998)

(25) fi (26) en

(31) 971928 (32) 6 May/mai 1997 (06.05.1997) (33) FI

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ E04B 1/26

- (54) ● HOUSE FRAMING AND APPARATUS FOR MANUFACTURING SUCH FRAMING

- OSSATURE DE MAISON ET APPAREIL DE FABRICATION D'UNE TELLE OSSATURE
- (71, 72) **HUPPUNEN, Erkki** [FI/FI]; Hovitie 9, FIN-01380 Vantaa (FI).
- (74) **OY HEINÄNEN AB**; Annankatu 31-33 C, FIN-00100 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).

(11) **WO 98/50646** (13) A1

(21) PCT/AU98/00330

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) PO 6687 (32) **8 May/mai 1997 (08.05.1997)** (33) AU

(31) PO 7520 (32) **25 Jun/juin 1997 (25.06.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E04C 2/284, E04B 2/72**

- (54) ● MODULAR SANDWICH PANEL AND METHOD FOR HOUSING CONSTRUCTION
- PANNEAU SANDWICH MODULAIRE ET PROCÉDE DE CONSTRUCTION DE LOGEMENTS

(71, 72) **GAZAL, Nabil, Nasri** [AU/AU]; 17 Olphert Avenue, Vaucluse, NSW 2030 (AU).

(74) **BALDWIN SHELSTON WATERS**; 60 Margaret 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).

(11) **WO 98/50647** (13) A1

(21) PCT/DK98/00170

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

(25) da (26) en

(31) 0524/97 (32) **6 May/mai 1997 (06.05.1997)** (33) DK

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E04D 1/28, E04B 5/10, E04C 3/29**

- (54) ● PRE-MANUFACTURED ROOF PLATE ELEMENT AND GIRDER THERETO
- ELEMENT DE PLAQUE D'APPUI PREFABRIQUE ET POUTRE POUR CE DERNIER

(71, 72) **SVENSSON, Peehr, Mathias, Ornfeldt** [DK/DK]; Vroldvej 174, DK-8660 Skanderborg (DK).

(74) **GREGERSEN, N., H.**; Aarhus Patentkontor, Skanderborgvej 40, DK-8000 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).

(11) **WO 98/50648** (13) A1

(21) PCT/NL98/00252

(22) **6 May/mai 1998 (06.05.1998)**

(25) nl (26) en

(31) 1005987 (32) **6 May/mai 1997 (06.05.1997)** (33) NL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E04D 11/02, 13/16**

(54) ● METHOD FOR PLACING INSULATING PLATES ONTO ROOFS, AND INSULATING PLATES SUITED TO CARRYING OUT THE METHOD

● PROCÉDE DE MONTAGE DE PLAQUES ISOLANTES SUR DES TOITS, ET PLAQUES ISOLANTES DE REALISATION DE CE PROCÉDE

(71) **MODIGLASS MODIFIED ASPHALT- AND GLASSMAT-MACHINES LTD.** [CH/CH]; Bahnhofstrasse 27, CH-6304 Zug (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MUELBECK, Martin** [AT/AT]; A-5222 Pfaffstaedt 10 (AT).

(74) **KOOMEN, M., J., I.**; Kennemerstraatweg 35-37, NL-1814 GB Alkmaar (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 98/50649** (13) A1

(21) PCT/NL98/00168

(22) **26 Mar/mar 1998 (26.03.1998)**

(25) nl (26) en

(31) 1005939 (32) **1 May/mai 1997 (01.05.1997)** (33) NL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E04D 15/04, B62B 1/12**

- (54) ● ROOF VEHICLE II
- VEHICULE DE TOIT

(71) **ROCKWOOL LAPINUS B.V.** [NL/NL]; Industrieweg 15, NL-6045 JG Roermond (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ETTEMA, Antonius, Marinus** [NL/NL]; De Kaanjel 3, NL-6049 KV Herten (NL).

(74) **EVELEENS MAARSE, Pieter**; Arnold & Siedsma, Sweelinckplein 1, NL-2517 GK The Hague (NL).

(81) AL AU BA BB BG BR CA CN CU CZ DE (Utility model / modèle d'utilité) EE GE HU 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; 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 98/50650** (13) A1

(21) PCT/US98/08468

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

(25) en (26) en

(31) 08/854,146 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E04H 15/28**

- (54) ● COMBINATION UMBRELLA AND GAZEBO
- COMBINE PARAPLUIE-PAVILLON

(71, 72) **DERLINGA, Thomas, S.** [US/US]; 48 Winding Hills Road, E. Granby, CT 06026 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50651** (13) A1

(21) PCT/EP98/02670

(22) **6 May/mai 1998 (06.05.1998)**

(25) de (26) de

(31) 297 08 138.1 (32) **6 May/mai 1997 (06.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E05B 17/20, 15/02**

- (54) ● PROFILE CLOSING CYLINDER
- CYLINDRE DE FERMETURE PROFILE

(71) **NIEMANN, Hans, Dieter** [DE/DE]; Am Hügel 17, D-50169 Kerpen (DE).

(74) **EICHLER, Peter** et al. / etc.; Brahmstrasse 29, D-42289 Wuppertal (DE).

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

Published / Publiée : (c)

(11) **WO 98/50652** (13) A1

(21) PCT/DE98/00880

(22) **25 Mar/mar 1998 (25.03.1998)**

- (25) de (26) de
- (31) 197 18 764.1 (32) **6 May/mai 1997** (33) DE
(06.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **E05B 49/00, H01Q 1/32, B60R 25/00**
- (54) ● ANTI-THEFT DEVICE FOR VEHICULE
● SYSTEME ANTIVOL POUR VEHICULE
- (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) **SEUBERT, Tilmann** [DE/DE]; Heinrich-von-Brentano-Strasse 9, D-93077 Bad Abbach (DE). **GOLD, Peter** [DE/DE]; Pöllinger Strasse 21, D-92318 Neumarkt (DE). **EM-MERLING, Ulrich** [DE/DE]; Giselastrasse 42, D-93309 Kehlheim (DE). **LÖFFLER, Maximilian** [DE/DE]; Wanderweg 8a, D-93170 Bernhardswald (DE). **PETERS, Karl-Jürgen** [DE/DE]; Völkstrasse 1, D-90596 Schwanstetten (DE).
- (81) BR 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 98/50653** (13) A1
- (21) PCT/US98/08817
- (22) **4 May/mai 1998 (04.05.1998)**
- (25) en (26) en
- (31) 08/853,328 (32) **8 May/mai 1997** (33) US
(08.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **E05B 49/00**
- (54) ● IMPROVED MICROCHIPS AND REMOTE CONTROL DEVICES COMPRISING SAME
● MICROPUCES AMELIOREES ET DISPOSITIFS DE TELECOMMANDE LES INCLUANT
- (71) **MICROCHIP TECHNOLOGY INCORPORATED** [US/US]; 2355 West Chandler Boulevard, Chandler, AZ 85224-6199 (US).
- (72) **BRUWER, Frederick, J.**; Unit No. 2, Lifestyle Management Park, Clifton Avenue, Lyttelton 0140 (ZA).
- (74) **BEARD, R., William, Jr.**; Frohwitter, Suite 500, Three Riverway, Houston, TX 77056 (US).
- (81) JP KR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/50654** (13) A1
- (21) PCT/US98/05488
- (22) **20 Mar/mar 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/846,842 (32) **1 May/mai 1997** (33) US
(01.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **E05B 63/20**
- (54) ● AUTOMATIC DEADBOLT
● PENE DORMANT AUTOMATIQUE
- (71) **WINFIELD LOCKS, INC., doing business as COMPUTERIZED SECURITY SYSTEMS** [US/US]; 1020 West 17th Street, Costa Mesa, CA 92626 (US).

- (72) **MOON, Charles, W.**; 1445 Pleier, Colorado Springs, CO 80921 (US).
- (74) **STEVENS, James, D.** et al. / etc.; Reising, Ethington, Learman & McCulloch, PLLC, P.O. Box 4390, Troy, MI 48099-4390 (US).
- (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 DE DK ES FI FR 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 98/50655** (13) A1

- (21) PCT/FR98/00907
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) fr (26) fr
- (31) 97/05551 (32) **6 May/mai 1997** (33) FR
(06.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E05C 17/20**

- (54) ● MOUNTING BOX FOR MOTOR VEHICLE DOOR CHECK DEVICE
● BOITIER DE MONTAGE POUR UN DISPOSITIF D'ARRÊT DE PORTE POUR VEHICULE AUTOMOBILE
- (71, 72) **PEREIRA, Joaquim** [PT/FR]; 18, route d'Amfreville, F-27110 Hectomare (FR).
- (74) **HASENRADER, Hubert** 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 98/50656** (13) A1
- (21) PCT/CA98/00421
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 60/045,698 (32) **6 May/mai 1997** (33) US
(06.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E05D 13/00**

- (54) ● WINDOW REGULATOR MECHANISM HAVING COUNTERBALANCING MEMBER
● MECANISME REGULATEUR DE FENETRE AVEC ELEMENT D'EQUILIBRAGE
- (71) **ATOMA INTERNATIONAL, INC.** [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA).
- (72) **SMITH, Peter, J.**; 263 Park Avenue, Newmarket, Ontario L3Y 1V3 (CA).
- (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50657** (13) A1

- (21) PCT/EP98/02526
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) de (26) de
- (31) 197 19 008.1 (32) **7 May/mai 1997** (33) DE
(07.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **E05D 15/06**

- (54) ● RUNNING GEAR FOR A GUIDE RAIL WITH A DIVIDING WALL OR SIMILAR SUSPENDED ON THE RUNNING GEAR
● MECANISME DE ROULEMENT POUR UN RAIL DE GUIDAGE AVEC UNE CLOISON OU UN AUTRE ELEMENT COMPARABLE SUSPENDU AU MECANISME DE ROULEMENT

- (71) **DORMA GMBH + CO. KG** [DE/DE]; Breckerfelder Strasse 42-48, D-58256 Ennepetal (DE).
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- (72, 75) **BISCHOF, Markus** [CH/CH]; Anrliststrasse 18, CH-9423 Altenrhein (CH). **RECHSTEINER, Stefan** [CH/CH]; Thaler Strasse 41b, CH-9422 Staad (CH).

- (74) **DORMA GMBH + CO. KG**; Ginzel, Lothar, Breckerfelder Strasse 42-48, D-58256 Ennepetal (DE).

- (81) AU BG BR CA CN CZ HU JP KR NO NZ 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 98/50658** (13) A1

- (21) PCT/DE98/01183
- (22) **25 Apr/avr 1998 (25.04.1998)**
- (25) de (26) de
- (31) 197 20 867.3 (32) **6 May/mai 1997** (33) DE
(06.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **E05F 11/38, B60R 13/02, B60J 5/04**

- (54) ● DEVICE AND METHOD FOR SECURING A COMPONENT TO A SUPPORT PART IN A VEHICLE
● DISPOSITIF ET PROCEDE POUR FIXER UN ELEMENT A UN SUPPORT DE VEHICULE

- (71) **BROSE FAHRZEUGTEILE GMBH & CO. KG** [DE/DE]; Ketschendorfer Strasse 38-50, D-96450 Coburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **FEDER, Roland** [DE/DE]; Coburger Strasse 13, D-96479 Weitraisdorf (DE). **WALTZ, Uwe** [DE/DE]; Oberer Stephansberg 1, D-96049 Bamberg (DE). **WEBER, Horst** [DE/DE]; Neufang 8, D-95339 Wirsberg (DE). **HOFMANN, Gerhard** [DE/DE]; Lichtenfelser Strasse 34, D-96253 Untertersiemau (DE).

(74) **MAIKOWSKI & NINNEMANN;** Xantener Strasse 10, D-10707 Berlin (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 98/50659** (13) A1

(21) PCT/CA98/00422

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,698 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E05F 11/48**

(54) ● WINDOW REGULATOR MECHANISM
● MECANISME REGULATEUR DE FENETRE

(71) **ATOMA INTERNATIONAL INC.** [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA).

(72) **SMITH, Peter, J.**; 263 Park Avenue, Newmarket, Ontario L3Y 1V3 (CA).

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

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(11) **WO 98/50660** (13) A1

(21) PCT/CA98/00420

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,699 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E05F 11/50**

(54) ● WINDOW REGULATOR HAVING IMPROVED CRANK ASSEMBLY
● REGULATEUR DE FENETRE AVEC ENSEMBLE MANIVELLE AMELIORE

(71) **ATOMA INTERNATIONAL, INC.** [CA/CA]; 521 Newpark Boulevard, Newmarket, Ontario L3Y 4X7 (CA).

(72) **SMITH, Peter, J.**; 263 Park Avenue, Newmarket, Ontario L3Y 1V3 (CA).

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

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(11) **WO 98/50661** (13) A1

(21) PCT/DE98/01267

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(25) de (26) de

(31) 197 19 123.1 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E05F 15/12**

(54) ● ELECTRIC DRIVE UNIT FOR A FOLDING BLIND OR A FOLDING DOOR ARRANGEMENT OR THE LIKE

● DISPOSITIF D'ENTRAINEMENT ELECTRIQUE POUR ENSEMBLE VOLET PLIANT, PORTE BATTANTE OU ANALOGUE

(71, 72) **LEPPLA, Anita** [DE/DE]; Hauptstrasse 6, D-67699 Heiligenmoschel (DE).

(74) **FRITSCH, Klaus**; Richard Wagner Strasse 1a, D-67126 Hochdorf-Assenheim (DE).

(81) 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 98/50662** (13) A1

(21) PCT/FR98/00857

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

(25) fr (26) fr

(31) 97/05700 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E06B 3/10, 3/30**

(54) ● METHOD FOR MAKING AN ELEMENT SUCH AS A LINEAR SECTION CONSISTING OF A WOOD-METAL COMBINATION

● PROCEDE DE FABRICATION D'UN ELEMENT DE TYPE PROFILE LINEAIRE COMPOSE D'UNE ASSOCIATION BOIS-METAL

(71, 72) **LAURENCOT, Marie-Thérèse** [FR/FR]; 32, rue de la Chapelle, F-25820 LAISSEY (FR).
LAURENCOT, Jean [FR/FR]; 14B, rue de la Gare, F-25720 Beure (FR).

(74) **POUPON, Michel**; Cabinet Michel Poupon, 3, rue Ferdinand Brunot, Boîte postale 421, F-88011 Epinal Cedex (FR).

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

Published / Publiée : (c)

(11) **WO 98/50663** (13) A1

(21) PCT/EP98/02498

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(25) de (26) de

(31) 97810276.2 (32) **1 May/mai 1997 (01.05.1997)** (33) EP

(34) CH et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E06B 3/663**

(54) ● METHOD FOR PRODUCING BENT HOLLOW PROFILE STRIPS

● PROCEDE DE PRODUCTION DE BARRES PROFILEES CREUSES COUDEES

(71) **SAINT-GOBAIN VITRAGE SUISSE AG** [CH/CH]; Stauffacherstrasse 128, CH-3014 Bern (CH).

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

(72, 75) **TRAUTZ, Hans** [DE/DE]; Seegerstrasse 10, D-75180 Pforzheim (DE).

(74) **AMMANN PATENTANWALTE AG BERN**; Schwarztorstrasse 31, CH-3001 Bern (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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(11) **WO 98/50664** (13) A1

(21) PCT/CA98/00442

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,328 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E06B 3/673, 3/667**

(54) ● COMPOSITE INSULATED GLASS ASSEMBLY AND METHOD OF FORMING SAME

● ENSEMBLE VITRAGE ISOLANT COMPOSITE

(71, 72) **LAFOND, Luc** [CA/CA]; 23 Woodvalley Drive, Etobicoke, Ontario M9A 4H4 (CA).

(74) **FINCHAM, Ian** et al. / etc.; Suite 606, 225 Metcalfe Street, Ottawa, Ontario K2P 1P9 (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 98/50665** (13) A1

(21) PCT/GB97/01193

(22) **1 May/mai 1997 (01.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E06B 3/88, 7/28**

(54) ● DOOR SAFETY DEVICE

● DISPOSITIF DE PROTECTION APPLIQUE A UNE PORTE

(71, 72) **WEBB, Stephen, Robert** [GB/GB]; 385 Chepstow Avenue, Hornchurch, Essex RM12 6AU (GB).

(74) **PRITCHARD, Evan**; 10 Chelmsford Road, Shenfield, Brentwood, Essex CM15 8RQ (GB).

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

- (11) **WO 98/50666** (13) A1
 (21) PCT/EP98/02683
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) de (26) de
 (31) 197 19 231.9 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E06B 5/11**
 (54) ● WINDOW/DOOR FOR A BUILDING
 ● FENETRE OU PORTE POUR BATIMENT
 (71) **PAX GMBH** [DE/DE]; Gewerbegebiet Rusterbaum, Vorderer Böhl 39, D-55218 Ingelheim am Rhein (DE).
 (72) **STRUTH, Fritz**; Bahnhofstrasse 69, D-55207 Ingelheim am Rhein (DE).
 (74) **EICHLER, Peter** et al. / etc.; Brahmstrasse 29, D-42289 Wuppertal (DE).
 (81) CZ PL SI SK; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).
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- (11) **WO 98/50667** (13) A2
 (21) PCT/NZ98/00055
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 314769 (32) **8 May/mai 1997 (08.05.1997)** (33) NZ
 (31) 314938 (32) **28 May/mai 1997 (28.05.1997)** (33) NZ
 (31) 330080 (32) **27 Mar/mar 1998 (27.03.1998)** (33) NZ
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E21B**
 (54) ● DIRECTIONAL DRILLING APPARATUS
 ● FOREUSE DIRECTIONNELLE
 (71) **FLEXIDRILL LIMITED** [NZ/NZ]; 220 Lake Road, Takapuna, Auckland (NZ). **WEST, Gregory, Donald** [NZ/NZ]; 220 Lake Road, Takapuna, Auckland (NZ).
(for all designated States except / pour tous les États désignés sauf US)
 (74) **CALHOUN, Douglas, C.**; A.J. Park & Son, Huddart Parker Building, 6th floor, P.O. Box 949, Post Office Square, Wellington 6015 (NZ).
 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50668** (13) A1
 (21) PCT/GB98/01127
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/846,456 (32) **1 May/mai 1997 (01.05.1997)** (33) US
 (31) 09/053,588 (32) **1 Apr/avr 1998 (01.04.1998)** (33) US
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- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E21B 17/07**
 (54) ● APPARATUS FOR CONTROLLING THE MOTION OF A STRING OF TUBULARS IN A WELLBORE
 ● DISPOSITIF PERMETTANT DE REGULER LE DEPLACEMENT D'UN TRAIN DE TIGES TUBULAIRES DANS UN Puits DE FORAGE
 (71) **WEATHERFORD/LAMB, INC.** [US/US]; c/o CSC-The United States Corporation Company, 1013 Centre Road, Wilmington, DE 19805 (US). **LUCAS, Brian, Ronald** [GB/GB]; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).
 (72) **CARTER, Thurman, B.**; 2901 Roseheath Lane, Houston, TX 77073 (US). **ROBERTS, John, D.**; 16423 Fox Crossing Lane, Spring, TX 77379 (US).
 (74) **LUCAS, Brian, Ronald**; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).
 (81) AU CA CN JP 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 98/50669** (13) A1
 (21) PCT/US98/09070
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/850,525 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E21B 17/10**
 (54) ● NON-METALLIC CENTRALIZER FOR CASING
 ● CENTREUR NON METALLIQUE POUR TUBAGE
 (71) **FRANK'S INTERNATIONAL, INC.** [US/US]; Suite 1000, 9821 Katy Freeway, Houston, TX 77024 (US).
 (72) **HAWKINS, Samuel, P.**; 912 Hood Street, Mineral Wells, TX 76067 (US).
 (74) **MATTHEWS, Guy, E.** et al. / etc.; Matthews, Joseph, Shaddox & Mason, L.L.P., P.O. Box 572957, Houston, TX 77257-2957 (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 98/50670** (13) A1
 (21) PCT/NL98/00244
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) nl (26) en
 (31) 1005995 (32) **7 May/mai 1997 (07.05.1997)** (33) NL
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E21B 19/09**
 (54) ● METHOD FOR DRILLING IN THE EARTH, AND VESSEL TO BE USED FOR THIS METHOD
 ● PROCEDE DE FORAGE DU FOND MARIN, ET BATEAU UTILISE DANS CE PROCEDE
 (71) **ITREC B.V.** [NL/NL]; Linscotenstrat 35, P.O. Box 10098, NL-3004 AB Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DE GROOT, Anne, Klaas** [NL/NL]; Werdorperwaard 8, NL-3984 PR Odijk (NL).
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- (74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octroibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).
 (81) AU BR GB NO US.
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- (11) **WO 98/50671** (13) A1
 (21) PCT/GB98/01117
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/846,092 (32) **1 May/mai 1997 (01.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E21B 29/00**
 (54) ● A CUTTING INSERT FOR USE IN A WELLBORE MILLING TOOL
 ● PIECE RAPPORTEE TRANCHANTE DESTINEE A UNE FRAISE DE MEULAGE D'UN Puits DE FORAGE
 (71) **WEATHERFORD/LAMB, INC.** [US/US]; c/o CSC - The United States Corporation Company, 1013 Centre Road, Wilmington, DE 19805 (US). **LUCAS, Brian, Ronald** [GB/GB]; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).
 (72) **HUTCHINSON, Christopher, Paul**; 4503 Hidden Springs Drive, Houston, TX 77084 (US).
 (74) **LUCAS, Brian, Ronald**; Lucas & Co., 135 Westhall Road, Warlingham, Surrey CR6 9HJ (GB).
 (81) AU CA CN JP 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 98/50672** (13) A1
 (21) PCT/US98/09071
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/850,496 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **E21B 33/05**
 (54) ● IMPROVED METHOD AND MULTI-PURPOSE APPARATUS FOR DISPENSING AND CIRCULATING FLUID IN WELLBORE CASING
 ● PROCEDE ET DISPOSITIF POLYVALENT AMELIORES POUR LA DISTRIBUTION ET LA CIRCULATION DE FLUIDE DANS UN TUBAGE DE Puits DE FORAGE
 (71) **FRANK'S INTERNATIONAL, INC.** [US/US]; Suite 1000, 9821 Katy Freeway, Houston, TX 77024 (US).
 (72) **HAWKINS, Samuel, P.**; 912 Hood Street, Mineral Works, TX 76067 (US). **SIPOS, David, L.**; 701-B Carriage Light Loop, Youngsville, LA 70592 (US). **LUTGRING, Keith, T.**; 1024 Marilyn Drive, Lafayette, LA 70503 (US). **LATIOLAS, Burney, J., Jr.**; 203 Sandlewood Center, Lafayette, LA 70508 (US). **MOSING, David**; P.O. Box 51729, Lafayette, LA 70505 (US).
 (74) **MATTHEWS, Guy, E.** et al. / etc.; Matthews, Joseph, Shaddox & Mason, L.L.P., P.O. Box 572957, Houston, TX 77257-2957 (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 98/50673** (13) A1
(21) PCT/US98/09339
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/853,402 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **E21B 33/127, 33/124, 47/06**
(54) ● PACKER HAVING SENSORS FOR DOWNHOLE INFLATION MONITORING
● GARNITURE D'ETANCHEITE A DETECTEURS SERVANT AU CONTROLE DE GONFLAGE EN FONDS DE PUITES
- (71) **CIDRA CORPORATION** [US/US]; 50 Barnes Park North, Wallingford, CT 06492 (US).
- (72) **HAY, Arthur, D.**; 35 Brookside Place, Cheshire, CT 06410 (US).
- (74) **BARBER, William, J.**; Ware, Fressola, Van Der Sluys & Adolphson LLP, 755 Main Street, P.O. Box 224, Monroe, CT 06468 (US).
- (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 (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50674** (13) A1
(21) PCT/US98/09069
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 08/850,528 (32) **2 May/mai 1997 (02.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **E21B 33/16**
(54) ● ANTI-ROTATIONAL CEMENTING APPARATUS
● APPAREIL DE CIMENTATION ANTIROTATION
(71) **DAVIS-LYNCH, INC.** [US/US]; P.O. Box 262326, Houston, TX 77207-2326 (US).
(72) **COONE, Malcolm, G.**; 22426 Wetherburn Lane, Katy, TX 77449 (US).
(74) **MATTHEWS, Guy, E.** et al. / etc.; Matthews, Joseph, Shaddox & Mason, L.L.P., P.O. Box 572957, Houston, TX 77257-2957 (US).
(81) AU BR CA JP MX NO 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 98/50675** (13) A1
(21) PCT/US98/09127
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 60/045,776 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **E21B 41/00, 47/00, G01M 3/08**
(54) ● MULTI-GAGE BLOWOUT PREVENTER TEST TOOL AND METHOD
● OUTIL A DIAMETRES MULTIPLES PERMETTANT DE CONTROLER UN BLOC OBTURATEUR DE PUITES ET PROCEDE CONNEXE
(71, 72) **WILLIAMS, J., Terrell** [US/US]; P.O. Box 1973, Lake Charles, LA 70602 (US).
(74) **RODDY, Kenneth, A.**; Suite 105, 2916 West T.C. Jester, Houston, TX 77018 (US).
(81) AL AM AU AZ BA BB BG BR BY CA CH CN CU CZ EE FI 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 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 98/50676** (13) A1
(21) PCT/US98/09241
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 60/045,567 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **E21B 41/00, 47/00, G01M 03/08**
(54) ● SHEARABLE MULTI-GAGE BLOWOUT PREVENTER TEST TOOL AND METHOD
● OUTIL D'ESSAI CISAILLABLE D'OBTURATEURS DE PUITES POUR CALIBRES MULTIPLES ET PROCEDE ASSOCIE
(71, 72) **TERRELL, Williams, J.** [US/US]; P.O. Box 1973, Lake Charles, LA 70602 (US).
(74) **RODDY, Kenneth, A.**; Suite 105, 2916 West T.C. Jester, Houston, TX 77018 (US).
(81) AL AM AU AZ BA BB BG BR BY CA CH CN CU CZ EE FI 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 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 98/50677** (13) A1
(21) PCT/CN97/00074
(22) **28 Jul/juil 1997 (28.07.1997)**
(25) zh (26) zh
(31) 97 1 11789.6 (32) **8 May/mai 1997 (08.05.1997)** (33) CN
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **E21B 43/00**
(54) ● A GAS-LIFT BALL CONTROL DEVICE IN GAS-LIFT BALL OIL RECOVERY AND A METHOD OF OIL RECOVERY
● DISPOSITIF DE COMMANDE DE TYPE GAS-LIFT A BOULE POUR LA RECUPERATION DU PETROLE PAR GAS-LIFT A BOULE ET PROCEDE DE RECUPERATION DU PETROLE
(71, 72) **WU, Chenglin** [CN/CN]; Room 402, Unit 5, Building 17, Zuanjinghuayuan Nanli, Dagang Oil Field, Tianjin City 300280 (CN).
(74) **CCPIT PATENT AND TRADEMARK LAW OFFICE**; 8th floor, 2 Fuchengmenwai Street, Beijing 100037 (CN).
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- (11) **WO 98/50678** (13) A1
(21) PCT/GB98/01143
(22) **5 May/mai 1998 (05.05.1998)**
(25) en (26) en
(31) 9709007.0 (32) **3 May/mai 1997 (03.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **E21B 43/116**
(54) ● PERFORATING APPARATUS AND METHOD
● PROCEDE ET DISPOSITIF DE PERFORATION
(71) **OCRE (SCOTLAND) LIMITED** [GB/GB]; 12 Broadfold Road, Bridge of Don, Aberdeen AB23 8EE (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **FRENCH, Clive, John** [GB/GB]; 60 St. Swin Street, Aberdeen AB1 6XJ (GB).
(74) **McCALLUM, William, Potter** et al. / etc.; Cruikshank & Fairweather, 19 Royal Exchange Square, Glasgow G1 3AE (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 (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50679** (13) A1
(21) PCT/US97/07368
(22) **1 May/mai 1997 (01.05.1997)**
(25) en (26) en
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **E21B 43/30, 43/16**
(54) ● COMMUNICATING HORIZONTAL WELL NETWORK
● RESEAU DE PUITES HORIZONTAUX COMMUNIQUANTS
(71) **AMOCO CORPORATION** [US/US]; 200 East Randolph Drive, Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680 (US).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **HASSAN, David, J.** [CA/CA]; Box 17 Site R.R. 12, Calgary, Alberta T3E 6W3 (CA). **CHERNICHEN, Michael, D.** [CA/CA]; 10 Flett Crescent, Airdrie, Alberta T4B 1M8 (CA). **JENSEN, Earl, M.** [CA/CA]; 6128 18 Avenue N.E., Calgary, Alberta T1Y 1P1 (CA).
(74) **GABALA, James, A.**; Amoco Corporation, 200 East Randolph Drive, Mail Code 1907A, P.O. Box 87703, Chicago, IL 60680 (US).

(81) CA CN MX US.

(11) **WO 98/50680** (13) A2

(21) PCT/US98/08855

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,354 (32) **2 May/mai 1997 (02.05.1997)** (33) US(31) 60/048,989 (32) **9 Jun/juin 1997 (09.06.1997)** (33) US(31) 60/052,042 (32) **9 Jul/juil 1997 (09.07.1997)** (33) US(31) 60/062,953 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US(31) 60/073,425 (32) **2 Feb/fév 1998 (02.02.1998)** (33) US(31) 60/079,446 (32) **26 Mar/mar 1998 (26.03.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E21B 47/00, 47/12, 47/06, 37/06, 41/02, 47/10, G01V 3/00, 8/00**

(54) ● MONITORING OF DOWNHOLE PARAMETERS AND TOOLS UTILIZING FIBER OPTICS

● SURVEILLANCE DE PARAMETRES ET D'OUTILS DE FOND DE PUIT AU MOYEN DE FIBRES OPTIQUES

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).(72) **TUBEL, Paulo**; 118 E. Placid Hill, The Woodlands, TX 77381 (US). **WILLIAMS, Glynn**; Roman House, Northway, Walworth Industrial Estate, Andover, Hampshire SP10 5QD (GB). **BIDIGARE, Brian**; 3135 Beaver Glen, Kingwood, TX 77339 (US). **JOHNSON, Michael**; 3600 Arbor Creek Lane, Flower Mound, TX 75028 (US). **HARRELL, John**; 520 Gingerbread Lane, Waxahachie, TX 75165-1606 (US). **VOLL, Benn**; Apartment 108, 16755 Ella Boulevard, Houston, TX 77090 (US).(74) **ROWOLD, Carl, A.** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50681** (13) A1

(21) PCT/US98/08823

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,354 (32) **2 May/mai 1997 (02.05.1997)** (33) US(31) 60/048,989 (32) **9 Jun/juin 1997 (09.06.1997)** (33) US(31) 60/052,042 (32) **9 Jul/juil 1997 (09.07.1997)** (33) US(31) 60/062,953 (32) **10 Oct/oct 1997 (10.10.1997)** (33) US(31) 60/073,425 (32) **2 Feb/fév 1998 (02.02.1998)** (33) US(31) 60/079,446 (32) **26 Mar/mar 1998 (26.03.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E21B 47/12, 47/00, 47/06, 37/06, 41/02, 34/10**

(54) ● WELLBORES UTILIZING FIBER OPTIC-BASED SENSORS AND OPERATING DEVICES

● PUITIS UTILISANT DES DETECTEURS ET DES EQUIPEMENTS OPERATIONNELS A BASE DE FIBRES OPTIQUES

(71) **BAKER HUGHES INCORPORATED** [US/US]; Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).(72) **JOHNSON, Michael, H.**; 3600 Arbor Creek Lane, Flower Mound, TX 75028 (US). **HARRELL, John, W.**; 5603 Springtown Lane, Spring, TX 77379 (US). **LEMBCKE, Jeffrey, J.**; 16914 Scenic Lakes Way, Houston, TX 77095 (US). **HICKEY, Kurt, A.**; 1501 North 27th Street, Broken Arrow, OK 74014 (US). **TUBEL, Paulo, S.**; 118 E. Placid Hill, The Woodlands, TX 77381 (US). **WILLIAMS, Glynn**; Roman House, Northway, Walworth Industrial Estate, Andover, Hampshire SP10 5QD (GB). **LEGGETT, Nigel**; Roman House, Northway, Walworth Industrial Estate, Andover, Hampshire SP10 5QD (GB).(74) **ROWOLD, Carl, A.** et al. / etc.; Baker Hughes Incorporated, Suite 1200, 3900 Essex Lane, Houston, TX 77027 (US).

(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 98/50682** (13) A1

(21) PCT/US98/08891

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/851,680 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E21C 41/16, 25/60**

(54) ● SOFTWALL MINING METHOD AND DEVICE

● PROCEDE ET DISPOSITIF D'EXPLOITATION MINIERE POUR FORMATIONS A PAROIS TENDRES

(71) **IMC-AGRICO COMPANY** [US/US]; Suite E-200, 2345 Waukegan Road, Bannockburn, IL 60015-5516 (US).(72) **PETERSON, Randall, D.**; 11602 Colchester Drive, Sandy, UT 84092 (US).(74) **DURANDO, Antonio, R.**; 2929 E. Broadway Boulevard, Tucson, AZ 85716 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50683** (13) A1

(21) PCT/US98/01128

(22) **22 Jan/jan 1998 (22.01.1998)**

(25) en (26) en

(31) 08/853,309 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **E21D 23/04**

(54) ● YIELDABLE MINE ROOF SUPPORT

● SUPPORT DE TOIT DE MINE COULISSANT

(71) **JACK KENNEDY METAL PRODUCTS & BUILDINGS, INC.** [US/US]; P.O. Box 138, Taylorville, IL 62568 (US).(72) **KENNEDY, William, R.**; P.O. Box 138, Taylorville, IL 62568 (US). **KENNEDY, John, M.**; P.O. Box 138, Taylorville, IL 62568 (US).(74) **GODAR, Michael, E.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

(81) AU CA GB.

(11) **WO 98/50684** (13) A1

(21) PCT/JP98/01958

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

(25) ja (26) ja

(31) 9/113845 (32) **1 May/mai 1997 (01.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F01D 9/02, 9/04, F02C 7/18**

(54) ● GAS TURBINE COOLING STATIONARY BLADE

● PALE FIXE DE REFROIDISSEMENT DE TURBINE A GAZ

(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) **TOMITA, Yasuoki** [JP/JP]; Takasago Machinery Works Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhama 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP). **AOKI, Sunao** [JP/JP]; Takasago Machinery Works Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhama 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP). **SUENAGA, Kiyoshi** [JP/JP]; Takasago Research & Development Center, Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhama 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP). **ISHIGURO, Tatsuo** [JP/JP]; Takasago Research & Development Center, Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhama 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP).(74) **SOGA, Michiteru** et al. / etc.; S. Soga & Co., Kokusai Building, 8th floor, 1-1, Marunouchi 3-chome, Chiyoda-ku, Tokyo 100-0005 (JP).

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

(11) **WO 98/50685** (13) A1

(21) PCT/JP98/01959

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

(25) ja (26) ja

(31) 9/113842 (32) **1 May/mai 1997 (01.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ F01D 9/02, 9/04, F02C 7/18

(54) ● GAS TURBINE COOLING STATIONARY BLADE

● PALE STATIONNAIRE SERVANT AU RE-FROIDISSEMENT D'UNE TURBINE A GAZ

(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) TOMITA, Yasuoki [JP/JP]; Takasago Machinery Works Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhamma 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP). SUENAGA, Kiyoshi [JP/JP]; Takasago Research & Development Center, Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhamma 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP). KITAMURA, Tsuyoshi [JP/JP]; Takasago Research & Development Center, Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhamma 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP). ARASE, Kenichi [JP/JP]; Takasago Machinery Works Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhamma 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP). MURATA, Hideki [JP/JP]; Takasago Machinery Works Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhamma 2-chome, Takasago-shi, Hyogo-ken 676-8686 (JP). FUKUNO, Hiroki [JP/JP]; Takasago Machinery Works Mitsubishi Heavy Industries, Ltd., 1-1, Arai-cho Shinhamma 2-chome, Takasago-shi, Hyogo-ken 676-8686 (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) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/50686 (13) A1

(21) PCT/US98/09080

(22) 4 May/mai 1998 (04.05.1998)

(25) en (26) en

(31) 60/046,027 (32) 9 May/mai 1997 (09.05.1997) (33) US

(31) 08/933,663 (32) 19 Sep/sep 1997 (19.09.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ F01N 3/10, B01D 53/34

(54) ● THERMOELECTRIC CATALYTIC POWER GENERATOR WITH PREHEAT

● GENERATEUR THERMOELECTRIQUE CATALYTIQUE A PRECHAUFFAGE

(71, 72) PARISE, Ronald, J. [US/US]; 101 Wendover Road, Suffield, CT 06078 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50687 (13) A1

(21) PCT/DE98/01213

(22) 1 May/mai 1998 (01.05.1998)

(25) de (26) de

(31) 197 18 853.2 (32) 3 May/mai 1997 (03.05.1997) (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ F01N 3/28, B22D 19/00

(54) ● EXHAUST COLLECTOR FOR COMBUSTION ENGINES AND METHOD FOR THE PRODUCTION THEREOF

● COLLECTEUR D'ÉCHAPPEMENT POUR MOTEURS A COMBUSTION INTERNE ET SON PROCÉDE DE FABRICATION

(71) REGLER INDUSTRIEVERTRETUNGEN GMBH [DE/DE]; Lindenseestrasse 45, D-65428 Rüsselsheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) REGLER, Josef [DE/DE]; Lindenseestrasse 45, D-65428 Rüsselsheim (DE). ROOS, Wilfried [DE/DE]; Am Weinfass 56, D-65428 Rüsselsheim (DE).

(74) WOLF, Günter; An der Mainbrücke 16, D-63456 Hanau (DE).

(81) BR CN HU JP KR MX PL RU 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 98/50688 (13) A1

(21) PCT/US97/15864

(22) 9 Sep/sep 1997 (09.09.1997)

(25) en (26) en

(31) 08/853,842 (32) 9 May/mai 1997 (09.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁵ F01N 7/14, 3/28, 3/02

(54) ● COMPRESSIBLE PREFORM INSULATING LINER

● DOUILLE ISOLANTE COMPRESSIBLE A PREFORMAGE

(71) MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(72) SHIRK, Ryan, C.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). SANOCKI, Stephen, M.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). PEISERT, Joseph, C.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). LANGER, Roger, L.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). HORNBACK, Loyd, R., III; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). HARDING, Ian, R.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).

(74) BARDELL, Scott, A. 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 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).

(11) WO 98/50689 (13) A1

(21) PCT/AT98/00114

(22) 30 Apr/avr 1998 (30.04.1998)

(25) de (26) de

(31) 197 18 704.8 (32) 2 May/mai 1997 (02.05.1997) (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ F01P 11/10, F04D 19/00

(54) ● COOLING DEVICE FOR A VEHICLE COMBUSTION MOTOR

● DISPOSITIF DE REFRIGERATION POUR MOTEUR A COMBUSTION INTERNE D'UN VEHICULE

(71) STEYR-DAIMLER-PUCH FAHRZEUG-TECHNIK AG & CO. KG [AT/AT]; Franz-Josefs-Kai 51, A-1010 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) SCHREINER, Emerich [AT/AT]; Am Grünanger 52, A-8112 Gratwein (AT).

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

(11) WO 98/50690 (13) A1

(21) PCT/US98/09199

(22) 6 May/mai 1998 (06.05.1998)

(25) en (26) en

(31) 08/854,077 (32) 9 May/mai 1997 (09.05.1997) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ F02B 37/02, 33/44, 29/04, 37/24

(54) ● TURBOCHARGER PRESSURE COMPENSATION SYSTEM

● SYSTEME DE COMPENSATION DE PRESSION POUR TURBOCOMPRESSEUR

(71) ALLIEDSIGNAL INC. [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(72) THOMPSON, Jerome, W.; 4599 Blanca Drive, Cypress, CA 90630 (US).

(74) CRISS, Roger, H.; AlliedSignal Inc., Law Dept., (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH HU ID IL IS JP KP KR LK LR LS LT LV MG MK MN MW MX NZ PL RO RU SD 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).

(11) WO 98/50691 (13) A1

(21) PCT/SE98/00807

(22) 4 May/mai 1998 (04.05.1998)

(25) sv (26) en

(31) 9701678-6 (32) 5 May/mai 1997 (05.05.1997) (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ F02B 57/02, F01L 7/06

(54) ● A VALVE SYSTEM IN A ROTARY RADIAL-PISTON ENGINE

● SYSTEME DE SOUPAPES D'UN MOTEUR ROTATIF A CYLINDRES EN ETOILE

(71) KESOL PRODUCTION AB [SE/SE]; Nitgatan 6, S-441 38 Alingsås (SE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **LINDBLAD, Karl-Erik** [SE/SE]; Annelundsvägen 22, S-441 41 Alingsås (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 SJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50692** (13) A1
- (21) PCT/US97/07437
- (22) **2 May/mai 1997 (02.05.1997)**
- (25) en (26) en
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F02B 57/08**
- (54) ● CYLINDER ASSEMBLY FOR CAM ENGINE
● BLOC CYLINDRE POUR MOTEUR A CAMES
- (71, 72) **RUSSELL, Robert, L.** [US/US]; 979 Walnut Ridge Court, Frankfort, IL 60423 (US).
- (74) **PETERSON, Thomas, F.**; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (US).
- (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 SJ TM TR TT UA UG US UZ VN YU ZW; 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).

- (11) **WO 98/50693** (13) A1
- (21) PCT/RU97/00144
- (22) **8 May/mai 1997 (08.05.1997)**
- (25) en (26) en
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F02G 1/04, F28F 1/16, 1/40**

- (54) ● ENGINE WITH EXTERNAL HEAT EXCHANGING AND METHOD OF OPERATING
● MOTEUR A ECHANGE THERMIQUE EXTERNE ET PROCEDE DE FONCTIONNEMENT
- (71) **BRILEV, Viktor Leonidovich** [RU/RU]; ul. Vasilievskaya, 2-6-26, Moscow, 123056 (RU).
KHROMOV, Viktor Sergeevich [RU/RU]; pr. Novotushinsky pr., 6-1-247, Moscow, 123010 (RU).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **LISCHUK, Alexandr Nikolaevich** [RU/RU]; Kashirskoe shosse, 51-5-514, Moscow, 115211 (RU).
MURYSHEV, Evgeny Jurievich [RU/RU]; Kashirskoe shosse, 57-3-298, Moscow, 115211 (RU).

- (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 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).

- (11) **WO 98/50694** (13) A1
- (21) PCT/US98/09200
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 08/852,647 (32) **7 May/mai 1997 (07.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F02K 9/82, F42B 10/66, B64G 1/26, F15C 3/06**
- (54) ● SPHERICAL CHAMBER FLUIDIC BALL DIVERter VALVE
● VANNE DE DERIVATION A BILLE FLUIDIQUE A CHAMBRE SPHERIQUE
- (71) **ALLIEDSIGNAL INC.** [US/US]; 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).

- (72) **CHRISTENSEN, Donald, Jeffrey**; 3064 East Rock Wren, Phoenix, AZ 85048 (US).
- (74) **CRISS, Roger, H.**; AlliedSignal Inc., Law Dept., (E. Iannarone), 101 Columbia Road, P.O. Box 2245, Morristown, NJ 07962-2245 (US).
- (81) IL 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 98/50695** (13) A1
- (21) PCT/EP98/02336
- (22) **21 Apr/avr 1998 (21.04.1998)**
- (25) de (26) de
- (31) 197 18 792.7 (32) **3 May/mai 1997 (03.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F02M 37/08, 37/22**

- (54) ● DELIVERY UNIT
● UNITE DE REFOULEMENT
- (71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KOHLHAAS, Helmut** [DE/DE]; Kupfersstrasse 25, D-36208 Wildeck-Richelsdorf (DE).
WILHELM, Dieter [DE/DE]; Blücherstrasse 18, D-36179 Bebra (DE).
- (81) BR 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 98/50696** (13) A1
- (21) PCT/IL98/00118
- (22) **12 Mar/mar 1998 (12.03.1998)**
- (25) en (26) en
- (31) 120751 (32) **1 May/mai 1997 (01.05.1997)** (33) IL
- (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **F03B 13/12**
- (54) ● SYSTEM FOR CONVERSION OF WAVE ENERGY
● SYSTEME SERVANT A CONVERTIR L'ENERGIE DES VAGUES
- (71) **S.D.E ENERGY AND DESALINATION LTD.** [IL/IL]; Lubetkin 19, 67532 Tel Aviv (IL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **OVADIA, Shmuel** [IL/IL]; Lubetkin Street 19, 67532 Tel Aviv (IL).
- (74) **ELIEZRI, Zohar**; Avital, Dromi & Co., Taas Street 4, 52512 Ramat Gan (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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50697** (13) A1
- (21) PCT/DE98/01203
- (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) de (26) de
- (31) 197 19 190.8 (32) **8 May/mai 1997 (08.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **F03G 7/06**
- (54) ● DEVICE FOR CONVERTING THERMAL ENERGY TO ELECTRICAL ENERGY
● DISPOSITIF POUR CONVERTIR DE L'ENERGIE THERMIQUE EN ENERGIE ELECTRIQUE
- (71, 72) **STOCK, Gerhard** [DE/DE]; Friedenseiche 1, D-56850 Enkirch (DE).
- (74) **SERWE, K. H.**; Südallee 34, D-54290 Trier (DE).

- (81) AL AU BA BB BG BR CA CN CU CZ EE GE GW HU ID IL IS JP KG 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 98/50698** (13) A1
- (21) PCT/US98/08944
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 60/045,470 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (31) 09/069,807 (32) **29 Apr/avr 1998 (29.04.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F04B 49/00, F15B 11/17**

- (54) ● MULTIPLE PUMP CONTROL ARRANGEMENT
● SYSTEME DE COMMANDE POUR POMPES MULTIPLES
- (71) **SIMPSON INDUSTRIES, INC.** [US/US]; 47603 Halyard Drive, Plymouth, MI 48170-2429 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KILLION, David, L.** [US/US]; 8550 Allen Road, Clarkston, MI 48348 (US).
- (74) **ARTZ, John, S.** et al. / etc.; Lyon & Artz, plc, Suite 250, 28333 Telegraph Road, Southfield, MI 48034 (US).
- (81) DE GB US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50699** (13) A1

(21) PCT/US98/09133

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/852,583 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F04B 49/00, B03B 5/60, 5/64**

- (54) ● AUTOMATED, QUANTITATIVE FILTRATION OF LIQUIDS
● FILTRATION QUANTITATIVE AUTOMATISEE DE LIQUIDES

(71) **SCIOLOG, INC.** [US/US]; 14 Ellis Potter Court, Madison, WI 53711 (US).

(72) **SCHICK, Karl, G.**; 7778 Noll Valley Road, Verona, WI 53593-8721 (US).

(74) **MEHLER, Raymond, M.**; Lockwood, Alex, Fitz-Gibbon & Cummings, Suite 1700, Three First National Plaza, Chicago, IL 60602 (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).

Published / Publiée : (c)

(11) **WO 98/50700** (13) A1

(21) PCT/JP98/01956

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

(25) ja (26) ja

(31) 9/128067 (32) **1 May/mai 1997 (01.05.1997)** (33) JP

(31) 9/128068 (32) **1 May/mai 1997 (01.05.1997)** (33) JP

(31) 9/135822 (32) **9 May/mai 1997 (09.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F04B 49/06**

- (54) ● WATER FEEDER
● DISPOSITIF D'ALIMENTATION EN EAU

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

(11) **WO 98/50701** (13) A1

(21) PCT/EP98/02338

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

(25) de (26) de

(31) 197 18 791.9 (32) **3 May/mai 1997 (03.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F04D 13/06, 3/02**

- (54) ● DELIVERY UNIT
● UNITE DE REFOULEMENT

(71) **MANNESMANN VDO AG** [DE/DE]; Kruppstrasse 105, D-60388 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KOHLHAAS, Helmut** [DE/DE]; Kupfersstrasse 25, D-36208 Wildeck (DE). **WILHELM, Dieter** [DE/DE]; Blücherstrasse 18, D-36179 Bebra (DE).

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

(11) **WO 98/50702** (13) A1

(21) PCT/US98/05819

(22) **25 Mar/mar 1998 (25.03.1998)**

(25) en (26) en

(31) 08/850,172 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F04D 29/42, 29/66**

- (54) ● TANGENTIAL FAN CUTOFF
● ATTENUATEUR ACOUSTIQUE TANGENTIEL POUR VENTILATEUR

(71) **AMERICAN STANDARD INC.** [US/US]; One Centennial Avenue, P.O. Box 6820, Piscataway, NJ 08855-6820 (US).

(72) **SMILEY, William, A., III**; N1552 Skyline Boulevard, La Crosse, WI 54601 (US). **ROCKWOOD, William, B.**; N5071 Greens Coulee Lane, Onalaska, WI 54650 (US).

(74) **O'DRISCOLL, William**; The Trane Company, 3600 Pammel Creek Road, La Crosse, WI 54601-7599 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

(11) **WO 98/50703** (13) A2

(21) PCT/RU98/00114

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

(25) ru (26) ru

(31) 97106391 (32) **21 Apr/avr 1997 (21.04.1997)** (33) RU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F04F**

- (54) ● LIQUID-GAS JET APPARATUS
● APPAREIL A JETS DE GAZ ET DE LIQUIDES

(71) **PETRUKHIN, Evgeny Dmitrievich** [RU/CY]; Maikovsky pereulok, 4, Novorossisk, 353900 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **POPOV, Sergei Anatolievich** [RU/HU]; ul. Korolevy Marii, 54, H-Budapest XXI (HU).

(81) CA HU 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).

(11) **WO 98/50704** (13) A1

(21) PCT/FI98/00382

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 971960 (32) **7 May/mai 1997 (07.05.1997)** (33) FI

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16B 12/04, 12/46, B27F 1/16 // A47B 13/08, 96/20**

- (54) ● JOINT, METHOD OF MAKING JOINT, MEMBER OF JOINT, AND METHOD OF MAKING MEMBER OF JOINT
● JOINT, PROCEDE POUR FABRIQUER UN JOINT, ELEMENT DE JOINT, ET PROCEDE POUR FABRIQUER L'ELEMENT DE JOINT

(71, 72) **ZITTING, Mikko** [FI/FI]; Hiidentie 1 A 13, FIN-90550 Oulu (FI).

(74) **LAURINOLLI, Tapio**; Patenttitoimisto Tapio Laurinolli, P.O. Box 258, FIN-90101 Oulu (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50705** (13) A1

(21) PCT/GB98/01280

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

- (31) 9708955.1 (32) **1 May/mai 1997** (33) GB
(01.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F16B 12/20**
- (54) ● JOINT FORMING DEVICES
● DISPOSITIFS DE FORMAGE DE JOINTS
- (71) **TITUS INTERNATIONAL PLC** [GB/GB]; Ridgeway Industrial Estate, Iver, Buckinghamshire SL0 9HW (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VALLANCE, William, Ernest, Taylor** [GB/GB]; 22 Ceder Drive, Marlow Bottom, Marlow, Buckinghamshire SL7 3QB (GB).
- (74) **PENDERED, T., G.** et al. / etc.; R.G.C Jenkins & Co., 26 Caxton Street, London SW1H 0RJ (GB).
- (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 98/50706** (13) A1
- (21) PCT/EP98/02475
- (22) **25 Apr/avr 1998 (25.04.1998)**
- (25) de (26) de
- (31) 197 18 712.9 (32) **2 May/mai 1997** (33) DE
(02.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F16B 35/04, 23/00**
- (54) ● SCREW
● VIS
- (71) **SFS INDUSTRIE HOLDING AG** [CH/CH]; Nefenstrasse 30, CH-9435 Heerbrugg (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **PALM, Erich** [AT/CH]; Wydenweg 3a, CH-9434 Au (CH).
- (74) **LUDESCHER, Hans**; SFS Stadler Gruppe, Patentabteilung, Nefenstrasse 30, CH-9435 Heerbrugg (CH).
- (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 98/50707** (13) A1
- (21) PCT/CH98/00176
- (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) de (26) de
- (31) 1022/97 (32) **1 May/mai 1997** (33) CH
(01.05.1997)
- (31) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F16C 11/06, 11/04**
- (54) ● HYDROSTATIC JOINT
● JOINT ARTICULE HYDROSTATIQUE
- (71) **MIKRON S.A. AGNO** [CH/CH]; Postfach 115, CH-6903 Lugano 3 (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ZIRN, Oliver** [DE/DE]; Flavierstrasse 6, D-78628 Rottweil (DE). **BALDINI, Guido** [CH/CH]; Via Parco Campestro, CH-6916 Grancia (CH).
- (74) **KELLER, René** et al. / etc.; Keller & Partner Patentanwälte AG, Zeughausgasse 5, Postfach, CH-3000 Bern 7 (CH).
- (81) 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 98/50708** (13) A1
- (21) PCT/GB98/00983
- (22) **2 Apr/avr 1998 (02.04.1998)**
- (25) en (26) en
- (31) 9709164.9 (32) **7 May/mai 1997** (33) GB
(07.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F16C 17/06, 27/08**
- (54) ● TILTING PAD THRUST BEARING ARRANGEMENT
● DISPOSITIF DE PALIER A PATINS OSCILLANTS
- (71) **THE GLACIER METAL COMPANY LIMITED** [GB/GB]; Argyle House, Joel Street, Northwood Hills, Middlesex HA6 1LN (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **NEW, Nigel, Henry** [GB/GB]; 540 Kenton Lane, Harrow, Middlesex HA3 7LJ (GB).
- (74) **HAMMERSLEY, John** et al. / etc.; T & N plc, Bowdon House, Ashburton Road West, Trafford Park, Manchester M17 1RA (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 98/50709** (13) A1
- (21) PCT/CA98/00423
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 60/045,851 (32) **7 May/mai 1997** (33) US
(07.05.1997)
- (31) 60/051,566 (32) **2 Jul/juil 1997** (33) US
(02.07.1997)
- (31) 60/061,566 (32) **10 Oct/oct 1997** (33) US
(10.10.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F16D 41/20, 7/02, F02B 67/06**
- (54) ● SERPENTINE DRIVE SYSTEM WITH IMPROVED OVER-RUNNING ALTERNATOR DECOUPLER
● SYSTEME D'ENTRAÎNEMENT EN SERPENTIN AVEC DECOUPLEUR D'ALTERNATEUR A ROUE LIBRE AMELIORE
- (71) **LITENS AUTOMOTIVE PARTNERSHIP** [CA/CA]; 730 Rowntree Dairy Road, Woodbridge, Ontario L4L 5T9 (CA).
- (72) **MEVISSEN, Pierre, A.**; 38 Crosby Avenue, Richmond Hill, Ontario L4C 2R2 (CA). **THOMMEY, Henry, W.**; P.O. Box 241, 1230 First Line, Guilford, Ontario L0L 1R0 (CA). **LIPOWSKI, K., Mats**; 74 Stavely Crescent, Toronto, Ontario M9W 2C8 (CA). **BYTZEK, Klaus, K.**; R.R. #3, Schomberg, Ontario (CA). **LAM, Kin**; 47 Lloydminster Cr., North York, Ontario M2M 2S2 (CA).
- (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
-
- (11) **WO 98/50710** (13) A1
- (21) PCT/IB98/00435
- (22) **23 Mar/mar 1998 (23.03.1998)**
- (25) en (26) en
- (31) P-971489 (32) **5 May/mai 1997** (33) ID
(05.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F16D 65/08, 69/00**
- (54) ● GROOVED BRAKE SHOE
● PATIN DE FREIN A GORGES
- (71, 72) **WIJAYA, Heru, Prasanta** [ID/ID]; Graha Famili D.183, PR. Kali Kendal, Surabaya 60226 (ID).
- (74) **PRIAPANTJA, Cita, C., N.**; Biro Oktroi Rooseno, Chase Plaza, 11th floor, Jl. Jend. Sudirman Kav. 21, Jakarta 12920 (ID).
- (81) AU CN DE GB JP KR US VN.
-
- Published / Publiée : (a)
-
- (11) **WO 98/50711** (13) A1
- (21) PCT/US98/02764
- (22) **13 Feb/fév 1998 (13.02.1998)**
- (25) en (26) en
- (31) 08/853,513 (32) **9 May/mai 1997** (33) US
(09.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **F16D 66/02, 65/16, 65/56, 55/36, B60T 13/74**
- (54) ● ELECTRONIC AIRCRAFT BRAKING SYSTEM WITH BRAKE WEAR MEASUREMENT, RUNNING CLEARANCE ADJUSTMENT AND PLURAL ELECTRIC MOTOR-ACTUATOR RAM ASSEMBLIES
● SYSTEME DE FREINAGE ELECTRONIQUE POUR AVION, AVEC MESURE DE L'USURE DES FREINS, AJUSTEMENT DU JEU FONCTIONNEL ET PLUSIEURS ENSEMBLES VERINS DE COMMANDE DU MOTEUR ELECTRIQUE
- (63) US 08/853,513 (CIP)
9 May/mai 1997 (09.05.1997)
- (71) **THE B.F. GOODRICH COMPANY** [US/US]; Patent Law Dept., 9921 Brecksville Road, Brecksville, OH 44141-3289 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **RALEA, Mihai** [US/US]; 7 Spruce Court, Boonton Township, NJ 07005 (US). **CHRIST, Franklin, C.** [US/US]; 375 Boulevard, Pompton Plains, NJ 07444 (US).

(74) **TUCKER, Mary, Ann**; The B.F. Goodrich Company, Patent Law Dept., 9921 Brecksville Road, Brecksville, OH 44141 (US).

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

(11) **WO 98/50712** (13) A1

(21) PCT/US98/08297

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

(25) en (26) en

(31) 08/851,015 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16D 69/02, C04B 37/02**

(54) ● BRAKE OR CLUTCH COMPONENTS HAVING A CERAMIC-METAL COMPOSITE FRICTION MATERIAL

● COMPOSANTS DE FREINAGE OU D'EMBAYAGE RENFERMANT UN MATERIAU DE FRICTION CERMET

(63) US 08/851,015 (CON) 5 May/mai 1997 (05.05.1997)

(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) **JONES, Bart, R.** [US/US]; 4201 Moorland Drive, Midland, MI 48640 (US). **PRUNIER, Arthur, R., Jr.** [US/US]; 711 Linwood Drive, Midland, MI 48640 (US). **PYZIK, Aleksander, J.** [US/US]; 3012 Scarborough Lane, Midland, MI 48640 (US). **DESHMUKH, Uday, V.** [US/US]; 5014 Amberwood Court, Midland, MI 48640 (US).

(74) **NILSEN, Kevin, J.**; Patent Dept., P.O. Box 1967, Midland, MI 48641-1967 (US).

(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).

(11) **WO 98/50713** (13) A1

(21) PCT/JP98/02034

(22) **7 May/mai 1998 (07.05.1998)**

(25) ja (26) ja

(31) 9/134324 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16F 15/32, H02K 15/16**

(54) ● ROTARY BODY CONSTRUCTION

● CONSTRUCTION D'UN CORPS TOURNANT

(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) **NAKAMURA, Kosei** [JP/JP]; 2-11-13, Senpukugaoka, Susono-shi, Shizuoka 410-1115 (JP). **MASUYA, Michi** [JP/JP]; Room 14-301,

Fanuc Manshonharimomi, 3494-2, Shibokusa, Oshino-mura, Minamitsuru-gun, Yamanashi 401-0511 (JP). **ICHIKAWA, Shinpei** [JP/JP]; Fanuc Dai-3 Virakaramatsu, 3527-1, 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).

(11) **WO 98/50714** (13) A2

(21) PCT/EP98/02469

(22) **25 Apr/avr 1998 (25.04.1998)**

(25) de (26) de

(31) 197 18 744.7 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16H**

(54) ● AUTOMOTIVE GEARBOX WITH AN INTEGRATED BRAKE

● TRANSMISSION A FREIN INTEGRE

(71) **ZF FRIEDRICHSHAFEN AG** [DE/DE]; D-88038 Friedrichshafen (DE).

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

(72, 75) **SOLKA, Ulrich** [DE/DE]; Lerchenweg 6 a, D-94081 Fürstzell (DE).

(74) **ZF FRIEDRICHSHAFEN AG**; D-88038 Friedrichshafen (DE).

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

(11) **WO 98/50715** (13) A1

(21) PCT/US98/08962

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/046,035 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 60/046,765 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 09/053,082 (32) **1 Apr/avr 1998 (01.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16H 3/72, 48/30, 37/06**

(54) ● COMBINED VARIABLE-SPEED DRIVE AND SPEED REDUCER FOR PUMPS AND FANS

● VARIATEUR DE VITESSE ET DEMULTIPLIFICATEUR ASSOCIES POUR POMPES ET VENTILATEURS

(71) **WORK SMART ENERGY ENTERPRISES, INC.** [US/US]; 2948 Macomb Street, N.W., Washington, DC 20008 (US).

(72) **KOPKO, William, L.**; 8705 Cromwell Drive, Springfield, VA 22151 (US).

(74) **DELUCA, Vincent, M.** 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).

(11) **WO 98/50716** (13) A1

(21) PCT/GB97/01198

(22) **1 May/mai 1997 (01.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16K 1/226, 25/02**

(54) ● BUTTERFLY VALVES

● SOUPAPE A PAPILLON

(71) **SOLENT & PRATT (ENGINEERING) LIMITED** [GB/GB]; 202 St. Andrews Road, Bridport, Dorset DT6 3BS (GB).

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

(72, 75) **THURSTON, David, Frederick** [GB/GB]; Holme Cleve, Sidmouth Road, Lyme Regis, Dorset DT7 3EQ (GB). **FURNESS, John** [GB/GB]; 45 St. Andrews Road, Bridport, Dorset DT6 3BJ (GB).

(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 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; 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).

(11) **WO 98/50717** (13) A1

(21) PCT/US98/09272

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,709 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(31) 08/853,530 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16K 24/04**

(54) ● TANK VENTING CONTROL SYSTEM

● SYSTEME DE REGULATION DE LA VENTILATION D'UN RESERVOIR

(71) **STANT MANUFACTURING INC.** [US/US]; 1620 Columbia Avenue, Connersville, IN 47331-1696 (US).

(72) **KING, Timothy, J.**; 2225 Iowa Avenue, Connersville, IN 47331 (US). **CHESTNUT, Barry, S.**; 4465 Union Pike, Richmond, IN 47374 (US).

(74) **REZEK, Richard, A.**; Barnes & Thornburg, 11 South Meridian Street, Indianapolis, IN 46204 (US).

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

(11) **WO 98/50718** (13) A1

(21) PCT/US97/07436

(22) **2 May/mai 1997 (02.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16K 31/524, 43/00**

- (54) ● MODULAR VALVE ASSEMBLY
● ENSEMBLE SOUPAPE MODULAIRE

(71, 72) **RUSSELL, Robert, L.** [US/US]; 979 Walnut Ridge Court, Frankfort, IL 60423 (US).(74) **PETERSON, Thomas, F.**; Ladas & Parry, 224 S. Michigan Avenue, Chicago, IL 60604 (US).

(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).

(11) **WO 98/50719** (13) A1

(21) PCT/NL98/00245

(22) **4 May/mai 1998 (04.05.1998)**

(25) nl (26) en

(31) 1005992 (32) **6 May/mai 1997 (06.05.1997)** (33) NL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16L 1/23**

- (54) ● TENSIONER
● TENDEUR

(71) **ITREC B.V.** [NL/NL]; Linscotenstraat 35, P.O. Box 1098, NL-3004 AB Rotterdam (NL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DE GROOT, Anne, Klaas** [NL/NL]; Werdorperwaard 8, NL-3984 PR Odijk (NL). **KALKMAN, Piet** [NL/NL]; Kievitdreef 45, NL-2743 ED Waddinxveen (NL).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningseweg 82, P.O. Box 29720, NL-2502 LS The Hague (NL).

(81) AU BR GB NO US.

Published / Publiée : (c)

(11) **WO 98/50720** (13) A1

(21) PCT/US98/07657

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

(25) en (26) en

(31) 08/850,735 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16L 15/00, 25/00**

- (54) ● THREADED CONNECTION FOR ENHANCED FATIGUE RESISTANCE
● RACCORD FILETE A RESISTANCE A LA FATIGUE ACCRUE

(71) **GRANT PRIDECO, INC.** [US/US]; Suite 1660, 363 N. Sam Houston Parkway East, Houston, TX 77060 (US).

(72) **EVANS, Ed.**; 22714 Melham Lane, Spring, TX 77015 (US). **DeLANGE, Richard.**; 1847 Willow Point Drive, Kingwood, TX 77339 (US). **BUSTER, Jerry, L.**; 706 Corsica, Houston, TX 77015 (US).

(74) **BUSHMAN, C., James.**; Browning Bushman, Suite 1800, 5718 Westheimer, Houston, TX 77057 (US).

(81) AU BR CA JP 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 98/50721** (13) A1

(21) PCT/US98/08476

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

(25) en (26) en

(31) 08/850,658 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16L 15/00**

- (54) ● ULTRA HIGH TORQUE DOUBLE SHOULDER TOOL JOINT
● RACCORD DE TIGES A EPAULEMENT DOUBLE DE COUPLE ULTRA ELEVE

(71) **GRANT PRIDECO, INC.** [US/US]; Suite 1660, 363 N. Sam Houston Parkway E., Houston, TX 77060 (US).

(72) **SMITH, Jackie, E.**; 3023 Shadowdale, Houston, TX 77043 (US). **WINSHIP, Thomas, E.**; 7601 Jones Road, College Station, TX 77845 (US). **WILSON, Gerald, E.**; 1104 April Waters North, Montgomery, TX 77356 (US).

(74) **JENSEN, William, P.**; Browning Bushman, Suite 1800, 5718 Westheimer, Houston, TX 77057 (US).

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

(11) **WO 98/50722** (13) A1

(21) PCT/US98/08589

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,327 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16L 35/00, 37/02**

- (54) ● ADJUSTABLE BREAKAWAY VALVE COUPLING
● RACCORD DE VANNE, REGLABLE ET A DEGAGEMENT RAPIDE

(71) **BREAKAWAY TECHNOLOGIES, INC.** [US/US]; 5th floor, 700 Pleasant Street, Bedford, MA 02740 (US).

(72) **DUGGAN, David, A.**; 5th floor, 700 Pleasant Street, Bedford, MA 02740 (US). **ANASTASIADIS, Alan.**; 5th floor, 700 Pleasant Street, Bedford, MA 02740 (US). **SZILAGYI, Dezso.**; 5th floor, 700 Pleasant Street, Bedford, MA 02740 (US).

(74) **DE LEON, Josefino, P.**; Shlesinger, Arkwright & Garvey LLP, 3000 South Eads Street, 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 98/50723** (13) A1

(21) PCT/IB98/00737

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 60/045,561 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16L 41/10**

- (54) ● IMPROVED SEAL SYSTEM FOR A SERVICE TEE FOR GAS DISTRIBUTION
● SYSTEME DE JOINT AMELIORE POUR RACCORDEMENT EN T FILETE DESTINE A LA DISTRIBUTION DE GAZ

(71) **TDW DELAWARE INC.** [US/US]; Suite 780, 1100 Market Street, Wilmington, DE 19801 (US).

(72) **PACELLA, Francesco.**; Rue de la Forêt 53, B-6142 Leernes (BE).

(74) **JOHNSON, Paul, H.**; Head, Johnson & Kachigian, 228 West 17th Place, Tulsa, OK 74119 (US).

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

(11) **WO 98/50724** (13) A1

(21) PCT/GB98/01156

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 9709220.9 (32) **8 May/mai 1997 (08.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16L 55/165**

- (54) ● PIPE LINING
● GARNITURE INTERIEURE DE TUYAUX

(71) **BG PLC** [GB/GB]; 100 Thames Valley Park Drive, Reading, Berkshire RG6 1PT (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **McGUIRE, Brian, Edward** [GB/GB]; 8 Barnfield Rise, Shaw, Oldham, Greater Manchester OL2 7RW (GB).

(74) **MORGAN, David, J.**; BG plc, Intellectual Property Dept., 100 Thames Valley Park, Reading, Berkshire RG6 1PT (GB).

(81) AU BR CA JP MX NO NZ US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50725** (13) A1

(21) PCT/GB98/01255

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

(25) en (26) en

(31) 9709027.8 (32) **3 May/mai 1997** (33) GB
(03.05.1997)

(31) 9725432.0 (32) **2 Dec/déc 1997** (33) GB
(02.12.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16L 58/10, 55/165**

(54) ● METHOD OF LINING PIPES

● PROCEDE PERMETTANT DE GARNIR DES TUYAUX

(71) **ADVANCED ENGINEERING SOLUTIONS LIMITED** [GB/GB]; South Nelson Road, South Nelson Industrial Estate, Cramlington, Northumberland NE23 9WF (GB).
(for all designated States except / pour tous les États désignés sauf US)

(71, 72) **BURLEY, Colin** [GB/GB]; 28 Ebchester Court, Newcastle upon Tyne NE3 2QX (GB).

(72, 75) **WRIGHT, Nigel** [GB/GB]; 17 Kenmore Road, Swarland, Northumberland NE65 9JS (GB).

(74) **JONES, Stephen, Anthony;** Lewis & Taylor, 144 New Walk, Leicester LE1 7JA (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).

(11) **WO 98/50726** (13) A1

(21) PCT/US98/09047

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/850,154 (32) **2 May/mai 1997** (33) US
(02.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16M 1/00**

(54) ● HEIGHT-ADJUSTABLE WORKSTAND SUPPORT
● SUPPORT DE BANC DE TRAVAIL A HAUTEUR REGLABLE

(71, 72) **JOHNSON, Robert, E.** [US/US]; 622 Cumberland Hills Drive, Hendersonville, TN 37075 (US).

(74) **CANTOR, Alan, I.** 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).

(11) **WO 98/50727** (13) A1

(21) PCT/NO98/00122

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

(25) no (26) en

(31) 972078 (32) **6 May/mai 1997** (33) NO
(06.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16M 5/00 // F01D 25/28**

(54) ● BASE FRAME FOR A GAS TURBINE

● SUPPORT DE BASE DE TURBINE A GAZ

(71) **KVÆRNER ENERGY A.S** [NO/NO]; Kværnerveien 10, N-0192 Oslo (NO).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **JAHR, Knuth** [NO/NO]; Kollenveien 23, N-1433 Vinterbro (NO).

(74) **COWARD, Bjarne, G.;** Bryns Patentkontor a/s, P.O. Box 765, Sentrum, N-0106 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 98/50728** (13) A1

(21) PCT/AU98/00325

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) PO 6638 (32) **6 May/mai 1997** (33) AU
(06.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16M 11/14**

(54) ● ORIENTATION DEVICE

● DISPOSITIF D'ORIENTATION

(71, 72) **KRAUTLOHER, Roland** [DE/AU]; 6/16 Loyalty Road, North Rocks, NSW 2151 (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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50729** (13) A1

(21) PCT/AT98/00116

(22) **6 May/mai 1998 (06.05.1998)**

(25) de (26) de

(31) A 786/97 (32) **7 May/mai 1997** (33) AT
(07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F16M 11/20**

(54) ● SUPPORT

● DISPOSITIF SUPPORT

(71) **KOPPETTER, Hemma** [AT/AT]; Silbereggstrasse 6, A-9330 Althofen (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KLIMBACHER, Walter** [AT/AT]; Bundess-trasse 1, A-9300 St. Veit/Glan (AT).

(74) **SONN, Helmut** et al. / etc.; Riemergasse 14, A-1010 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).

(11) **WO 98/50730** (13) A1

(21) PCT/US98/08822

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,693 (32) **2 May/mai 1997** (33) US
(02.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F21L 7/00**

(54) ● CARD LIGHT

● CARTE EMETTRICE DE LUMIERE

(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, Westlake, OH 44145 (US).

(72) **DALTON, David, R.;** 19 Stonecrop Road, North Turramurra, NSW 2074 (AU). **FÜRTH, David, A.;** 3148 Rickard Road, Skaneateles, NY 13152 (US). **LYNCH, Peter, F.;** County Line Road, Skaneateles, NY 13152 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50731** (13) A1

(21) PCT/US98/03191

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/046,774 (32) **6 May/mai 1997** (33) US
(06.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F21V 9/00**

(54) ● MOVING LIGHT DISPLAY AND METHOD

● DISPOSITIF DIFFUSEUR DE LUMIERE A MOTIFS MOBILES ET PROCEDE CORRESPONDANT

(71, 72) **BROWNLEE, Gordon, Cameron** [US/US]; 5609 Finch Drive #326, Longview, WA 98632 (US).

(74) **SCOTT, Gene;** Patent Law & Venture Group, Suite 240, 2082 Business Center Drive, Irvine, CA 92612 (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 98/50732** (13) A1
 (21) PCT/EP98/02630
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) de (26) de
 (31) 197 08 778.7 (32) **4 May/mai 1997 (04.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **F21V 17/02, 13/06**
 (54) ● RADIATION DEFLECTING SYSTEM, IN PARTICULAR LIGHTING SYSTEM
 ● SYSTEME DE GUIDAGE DE RAYONNEMENTS, NOTAMMENT SYSTEME D'ECLAIRAGE
 (71) **ZUMTOBEL STAFF GMBH** [AT/AT]; Schweizer Strasse 30, A-6851 Dornbirn (AT).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **DOZSA-FARKAS, Andras** [DE/DE]; Altdorfstrasse 12, D-80686 München (DE).
FLECKENSTEIN, Sybille [DE/DE]; Dambachtal 30, D-65193 Wiesbaden (DE).
 (74) **SCHMIDT-EVERS, Jürgen**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (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 98/50733** (13) A1
 (21) PCT/DE98/01217
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 (25) de (26) de
 (31) 197 18 885.0 (32) **3 May/mai 1997 (03.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **F23D 14/46, 14/78, F23M 9/10**
 (54) ● GAS BURNER
 ● BRULEUR A GAZ
 (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
 (72) **DANIEL, Walter**; Max-Liebermann-Weg 14, D-71065 Sindelfingen (DE). **BIENZLE, Marcus**; Haldenstrasse 15, D-73760 Ostfildern (DE). **LEHR, Walter**; Landauerstrasse 57 B, D-70499 Stuttgart (DE). **SARHOLZ, Walter**; Donnersbergstrasse 40, D-70469 Stuttgart (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 98/50734** (13) A1
 (21) PCT/ES98/00113
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) es (26) es
 (31) U 9701198 (32) **5 May/mai 1997 (05.05.1997)** (33) ES
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **F23N 1/00, 5/00**
 (54) ● CONTROL VALVE FOR THE PASSAGE OF GAS IN RADIANT STOVES
 ● SOUPEPE DE COMMANDE DE PASSAGE DE GAZ DANS LES POELES A RAYONNEMENT

- (71) **SOMOLSA, SOCIEDAD DE MATERIALES ORDUÑA LABORAL, S.A.L.** [ES/ES]; La Pau, 8, E-48460 Orduña (ES).
 (72) **CUADRA YARRITU, José Miguel**; La Pau, 8, E-48460 Orduña (ES).
 (74) **CARPINTERO LÓPEZ, Francisco**; Herrero & Asociados, S.L., Alcalá, 21, E-28014 Madrid (ES).
 (81) CN KR NZ PL RU TR; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50735** (13) A1
 (21) PCT/US98/08999
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 08/851.665 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **F23N 5/08, F01D 21/00, F23D 14/72**
 (54) ● APPARATUS FOR DETECTING FLAME CONDITIONS IN COMBUSTION SYSTEMS
 ● DISPOSITIF DE DETECTION DE FLAMMES DANS DES SYSTEMES DE COMBUSTION

- (71) **ROSEMOUNT AEROSPACE INC.** [US/US]; 14300 Judicial Road, Burnsville, MN 55306-4898 (US).
 (72) **MYHRE, Douglas, C.**; 15011 Summerhill Drive, Eden Prairie, MN 55346 (US). **SCHOLZ, Joachim, H.**; 4114 Willwood Drive, Ham Lake, MN 55304 (US). **SEVERTSON, Mark, G.**; 13467 Caramel Trail, Eden Prairie, MN 55346 (US). **LENERTZ, Steven, M.**; 1501 Chateaulin Lane, Burnsville, MN 55337 (US). **SIMONES, Christopher, J.**; 18135 Empire Trail, Farmington, MN 55024-9263 (US). **LENAGH, Thomas, F.**; 17090 Foliage Avenue, Farmington, MN 55024 (US).
 (74) **CHAMPLIN, Judson, K.** et al. / etc.; Westman, Champlin & Kelly, P.A., Suite 1600 - International Centre, 900 Second Avenue South, Minneapolis, MN 55402-3319 (US).
 (81) CA JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50736** (13) A1
 (21) PCT/IL98/00206
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 120772 (32) **4 May/mai 1997 (04.05.1997)** (33) IL
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **F24C 3/12**
 (54) ● GAS- SAVING ARRANGEMENTS FOR GAS-FIRED COOKING EQUIPMENT
 ● DISPOSITIF PERMETTANT D'ECONOMISER DU GAZ DANS DES EQUIPEMENTS DE CUISSON A GAZ
 (71, 72) **WHITE, Jason** [IL/IL]; Apartment 33, El Roi Street 5A, 92108 Jerusalem (IL).
 (74) **WOLFF, BREGMAN AND GOLLER**; P.O. Box 1352, 91013 Jerusalem (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 SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50737** (13) A1
 (21) PCT/EP98/02291
 (22) **17 Apr/avr 1998 (17.04.1998)**
 (25) en (26) en
 (31) 197 18 568.1 (32) **3 May/mai 1997 (03.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **F24J 2/04**
 (54) ● STRUCTURAL ELEMENT FOR CLADDING ROOF OR WALL SURFACES OF A BUILDING AND PROCESS FOR PRODUCING A STRUCTURAL ELEMENT
 ● ELEMENT STRUCTUREL FORMANT BARDAGE POUR SURFACES DE TOIT OU DE MUR D'UN BATIMENT ET PROCEDE DE FABRICATION DE CET ELEMENT
 (71) **D.D.C. PLANUNGS-, ENTWICKLUNGS- UND MANAGEMENT AG** [DE/DE]; Bockenheimer Landstrasse 70, D-60323 Frankfurt (DE).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **LÜTZE, Günter, W.** [DE/DE]; Hauptstrasse 65, D-16548 Glienicke (DE).
 (74) **D.D.C. PLANUNGS-, ENTWICKLUNGS- UND MANAGEMENT AG**; Wolf, Albert, Bockenheimer Landstrasse 70, D-60323 Frankfurt (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 98/50738** (13) A2
 (21) PCT/DE98/01193
 (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) de (26) de
 (31) 197 19 132.0 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **F25B**
 (54) ● POLYOL-DERIVED ESTERS AS A LUBRICATOR FOR CO.-BASED REFRIGERATING MACHINES
 ● ESTERS A BASE DE POLYOL COMME LUBRIFIANT POUR MACHINES FRIGORIFIQUES AU CO.
 (71) **RWE-DEA AKTIENGESELLSCHAFT FÜR MINERALÖL UND CHEMIE** [DE/DE]; Überseering 40, D-22297 Hamburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **FAHL, Jörg** [DE/DE]; Vogteistrasse 47, D-21079 Hamburg (DE). **SYNĚK, Vladislav** [DE/DE]; Sagekühe 30, D-21614 Buxtehude (DE). **GRASSHOFF, Hans-Dieter** [DE/DE]; Sierichstrasse 99, D-22299 Hamburg (DE).

(74) **SCHUPFNER, Gerhard, D.**; Müller, Schupfner & Gauger, Karlstrasse 5, D-21244 Buchholz (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).

(11) **WO 98/50739** (13) A2

(21) PCT/US98/09478

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/852,942 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 60/082,638 (32) **20 Apr/avr 1998 (20.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F25B 17/08, F02G 1/043, F25B 21/00, H01M 8/04, F04B 17/00, E03B 3/28**

(54) ● ADSORBENT REFRIGERATOR WITH SEPARATOR
● MACHINE FRIGORIFIQUE ADSORBANTE A SEPARATEUR

(71, 72) **ZORNES, David, A.** [US/US]; 4343 202nd Avenue Northeast, Redmond, WA 98053 (US). **BAUER, John, J.** [US/US]; 44714 Southeast 161st Place, North Bend, WA 98045 (US).

(74) **WECHKIN, John, M.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(81) AL AM AT AU 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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50740** (13) A1

(21) PCT/EP98/02633

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 19 251.3 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F25B 39/02**

(54) ● DISTRIBUTING/COLLECTING TANK FOR THE AT LEAST DUAL FLOW EVAPORATOR OF A MOTOR VEHICLE AIR CONDITIONING SYSTEM

● BAC DISTRIBUTEUR ET COLLECTEUR DE L'EVAPORATEUR A AU MOINS DEUX FLUX DU SYSTEME DE CLIMATISATION D'UN VEHICULE A MOTEUR

(71) **VALEO KLIMATECHNIK GMBH & CO. KG** [DE/DE]; Talhausstrasse 16, D-68766 Hockenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSSMANN, Roland** [DE/DE]; Ruländer Weg 28, D-69168 Wiesloch (DE).

(74) **JUNG, Elisabeth** et al. / etc.; Postfach 40 14 68, D-80714 München (DE).

(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 98/50741** (13) A1

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(31) 197 19 263.7 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F25B 39/02**

(54) ● FLAT TUBE EVAPORATOR WITH VERTICAL FLAT TUBES FOR MOTOR VEHICLES
● EVAPORATEUR A TUBES APLATIS VERTICAUX POUR VEHICULES A MOTEUR

(71) **VALEO KLIMATECHNIK GMBH & CO. KG** [DE/DE]; Talhausstrasse 16, D-68766 Hockenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSSMANN, Roland** [DE/DE]; Ruländer Weg 28, D-69168 Wiesloch (DE).

(74) **JUNG, Elisabeth** et al. / etc.; Postfach 40 14 68, D-80714 München (DE).

(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 98/50742** (13) A1

(21) PCT/US98/07556

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 60/045,874 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 08/915,065 (32) **20 Aug/août 1997 (20.08.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F25J 3/02**

(54) ● PROCESS FOR SEPARATING HYDRO-CARBON GAS CONSTITUENTS
● PROCEDE DE SEPARATION DES CONSTITUANTS DE GAZ D'HYDROCARBURES

(71) **ELCOR CORPORATION** [US/US]; Suite 1000, Wellington Centre, 14643 Dallas Parkway, Dallas, TX 75240 (US).
(for all designated States except / pour tous les États désignés sauf US)

(71) **CAMPBELL, Wanda, P.** (executrix for the deceased inventor / exécutrice testamentaire pour l'inventeur décédé) [US/US]; 1600 West Cuthbert, Midland, TX 70701 (US).
(only for / seulement pour US)

(72) **CAMPBELL, Roy, E.** (deceased / décédé).

(72, 75) **WILKINSON, John, D.** [US/US]; 2800 West Dengar, Midland, TX 79705 (US). **HUDSON, Hank, M.** [US/US]; 2508 West Sinclair, Midland, TX 79705 (US). **CUELLAR, Kyle, T.** [US/US]; 1611 Cottage Point, Katy, TX 77494 (US).

(74) **MURNANE, John, D.** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50743** (13) A1

(21) PCT/AU98/00324

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) PO 6632 (32) **7 May/mai 1997 (07.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F26B 3/06, 3/20, F28C 3/12, F28D 21/00, F28F 13/06, C10L 9/08**

(54) ● ENHANCED HEAT TRANSFER SYSTEM
● SYSTEME DE TRANSFERT THERMIQUE AMELIORE

(71) **KFX INC.** [US/US]; Suite 3200, 1991 Broadway, Denver, CO 80202 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CONOCHIE, David, Stewart** [AU/AU]; 27 Sunnyside Avenue, Camberwell, VIC 3124 (AU). **DAVIES, Mark, Howard** [AU/AU]; 115 Euca-lyptus Boulevard, Canning Vale, W.A. 6155 (AU). **HOWISON, Katherine, Fiona** [AU/AU]; 26 Park Parade, Fitzroy North, VIC 3068 (AU).

(74) **GRIFFITH HACK**; 509 St. Kilda Road, Melbourne, VIC 3004 (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).

(11) **WO 98/50744** (13) A1

(21) PCT/EP98/02335

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

(25) de (26) de

(31) 197 19 398.6 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F26B 5/06**

(54) ● METHOD FOR CONTROLLING A FREEZE DRYING PROCESS
● PROCEDE DE COMMANDE D'UN PROCES-SUS DE LYOPHILISATION

(71) **AMSCO FINN-AQUA GMBH** [DE/DE]; Kalscheurener Strasse 92, D-50354 Hürth (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **OETJEN, Georg-Wilhelm** [DE/DE]; Tondernstrasse 7, D-23556 Lübeck (DE). **HASELEY, Peter** [DE/DE]; Bonhoeffer Weg 46, D-53340 Meckenheim (DE). **KLÜTSCH, Hubert** [DE/DE]; Kempener Strasse 15, D-50733 Köln (DE). **LEI-NEWEBER, Marion** [DE/DE]; Abtstrasse 4, D-50354 Hürth (DE).

- (74) **LEINEWEBER, Jürgen**; Aggerstrasse 24, D-50859 Köln (DE).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50745** (13) A1

(21) PCT/EP98/02634

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 19 252.1 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F28D 1/053, B60H 1/32**

- (54) ● **HARD-SOLDERED FLAT TUBE EVAPORATOR WITH A DUAL FLOW AND ONE ROW IN THE AIR FLOW DIRECTION FOR A MOTOR VEHICLE AIR CONDITIONING SYSTEM**
- **EVAPORATEUR BRASE DUR A TUBES APLATIS A DEUX FLUX ET A UNE RANGEE DANS LA DIRECTION D'ECOULEMENT D'AIR POUR SYSTEME DE CLIMATISATION DE VEHICULES A MOTEUR**

(71) **VALEO KLIMATECHNIK GMBH & CO. KG** [DE/DE]; Talhausstrasse 16, D-68766 Hockenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSSMANN, Roland** [DE/DE]; Ruländer Weg 28, D-69168 Wiesloch (DE).

(74) **JUNG, Elisabeth** et al. / etc.; Postfach 40 14 68, D-80714 München (DE).

(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 98/50746** (13) A1

(21) PCT/EP98/02639

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(31) 197 19 262.9 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F28F 1/12**

- (54) ● **ZIGZAG BLADE AS RIBBING FOR MOTOR VEHICLE FLAT TUBE HEAT EXCHANGERS**
- **LAMELLES EN ZIGZAGUE SERVANT DE NERVURES POUR ECHANGEURS DE CHALEUR A TUBES APLATIS POUR VEHICULES A MOTEUR**

(71) **VALEO KLIMATECHNIK GMBH & CO. KG** [DE/DE]; Talhausstrasse 16, D-68766 Hockenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSSMANN, Roland** [DE/DE]; Ruländer Weg 28, D-69168 Wiesloch (DE).

(74) **JUNG, Elisabeth** et al. / etc.; Postfach 40 14 68, D-80714 München (DE).

(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 98/50747** (13) A1

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(22) **5 May/mai 1998 (05.05.1998)**

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(31) 197 19 254.8 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F28F 9/02**

- (54) ● **COLLECTOR FOR A MOTOR VEHICLE HEAT EXCHANGER WITH A PARTITIONING MADE OF CROSSING FLAT STRIPS**
- **COLLECTEUR D'UN ECHANGEUR DE CHALEUR POUR VEHICULES A MOTEUR AVEC UN CLOISONNEMENT FORME PAR DES MOULURES PLATES ENTRECROISEES**

(71) **VALEO KLIMATECHNIK GMBH & CO. KG** [DE/DE]; Talhausstrasse 16, D-68766 Hockenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSSMANN, Roland** [DE/DE]; Ruländer Weg 28, D-69168 Wiesloch (DE).

(74) **JUNG, Elisabeth** et al. / etc.; Postfach 40 14 68, D-80714 München (DE).

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

(11) **WO 98/50748** (13) A1

(21) PCT/EP98/02636

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 19 255.6 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F28F 9/02**

- (54) ● **COLLECTOR FOR A MOTOR VEHICLE HEAT EXCHANGER WITH A HOUSING IN AT LEAST TWO PARTS**
- **COLLECTEUR D'UN ECHANGEUR DE CHALEUR POUR VEHICULES A MOTEUR AVEC UN BOITIER EN AU MOINS DEUX PARTIES**

(71) **VALEO KLIMATECHNIK GMBH & CO. KG** [DE/DE]; Talhausstrasse 16, D-68766 Hockenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSSMANN, Roland** [DE/DE]; Ruländer Weg 28, D-69168 Wiesloch (DE).

(74) **JUNG, Elisabeth** et al. / etc.; Postfach 40 14 68, D-80714 München (DE).

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

(11) **WO 98/50749** (13) A1

(21) PCT/EP98/02640

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 19 259.9 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F28F 9/16, F28D 1/053, F28F 9/02**

- (54) ● **MOTOR VEHICLE FLAT TUBE HEAT EXCHANGER WITH FLAT TUBES RETAINED ON COLLARS OF A TUBE BOTTOM**

- **ECHANGEUR DE CHALEUR A TUBES APLATIS RETENUS SUR DES COLLETS D'UN FOND A TUBES POUR VEHICULES A MOTEUR**

(71) **VALEO KLIMATECHNIK GMBH & CO. KG** [DE/DE]; Talhausstrasse 16, D-68766 Hockenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSSMANN, Roland** [DE/DE]; Ruländer Weg 28, D-69168 Wiesloch (DE).

(74) **JUNG, Elisabeth** et al. / etc.; Postfach 40 14 68, D-80714 München (DE).

(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 98/50750** (13) A1

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(31) 197 19 256.4 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F28F 9/26, F28D 1/053**

- (54) ● **FLAT TUBE HEAT EXCHANGER WITH MORE THAN TWO FLOWS AND A DEFLECTING BOTTOM FOR MOTOR VEHICLES, AND PROCESS FOR MANUFACTURING THE SAME**

- **ECHANGEUR DE CHALEUR A TUBES APLATIS AVEC DEUX FLUX OU DAVANTAGE ET UN FOND DE DEVIATION POUR VEHICULES A MOTEUR, AINSI QUE SON PROCEDE DE FABRICATION**

(71) **VALEO KLIMATECHNIK GMBH & CO. KG** [DE/DE]; Talhausstrasse 16, D-68766 Hockenheim (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAUSSMANN, Roland** [DE/DE]; Ruländer Weg 28, D-69168 Wiesloch (DE).

(74) **JUNG, Elisabeth** et al. / etc.; Postfach 40 14 68, D-80714 München (DE).

(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 98/50751** (13) A1

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(31) 197 19 021.9 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F28F 19/00, B60K 11/04**

- (54) ● **DEVICE FOR PROTECTING THE RADIATOR OF A MOTOR VEHICLE AGAINST PROJECTED PARTICLES**

- **DISPOSITIF DE PROTECTION DU RADIATEUR D'UN VEHICULE A MOTEUR CONTRE L'IMPACT DE PARTICULES**

(71) **VOLKSWAGEN AKTIENGESELLSCHAFT** [DE/DE]; D-38436 Wolfsburg (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SCHICHT, Horst** [DE/DE]; Greifswalder Strasse 9, D-38518 Gifhorn (DE). **GIERAS, Manfred** [DE/DE]; Heinrichstrasse 4, D-38533 Vordorf (DE). **HUISMAN, Marinus** [DE/MX]; Apartado Postal 875, Puebla, 72008 (MX).

(74) **VOLKSWAGEN AKTIENGESELLSCHAFT**; Brieffach 1770, D-38436 Wolfsburg (DE).

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

(11) **WO 98/50752** (13) A1

(21) PCT/NL98/00247

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 1005990 (32) **6 May/mai 1997 (06.05.1997)** (33) NL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F28F 25/08, B01J 19/32**

(54) ● STRUCTURED PACKING FOR MASS TRANSFER AND/OR HEAT EXCHANGE BETWEEN A LIQUID AND A GAS

● GARNISSAGE STRUCTURE POUR TRANSFERT DE MASSE ET/OU ECHANGE DE CHALEUR ENTRE UN LIQUIDE ET UN GAZ

(71, 72) **WOERLEE, Geert, Feye** [NL/NL]; Wijtenbachstraat 42 III, NL-1093 JD Amsterdam (NL).

(74) **DE BRUIJN, Leendert, C.**; Nederlandsch Octrooibureau, Scheveningsweg 82, P.O. Box 29720, NL-2502 LS 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 98/50753** (13) A1

(21) PCT/NO98/00135

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

(25) no (26) en

(31) 972079 (32) **6 May/mai 1997 (06.05.1997)** (33) NO

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F41A 21/48**

(54) ● DEVICES TO ENABLE FLEXIBLE REPLACING OF GUN BARRELS

● DISPOSITIF PERMETTANT UN REMPLACEMENT FACILE DE CANON DE FUSIL

(71, 72) **HEEN, Tor** [NO/NO]; Fjellstien 19, N-1870 Ørje (NO).

(74) **LANGFELDT, Jens, F., C.**; Bryns Patentkontor a/s, P.O. Box 765, Sentrum, N-0106 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).

(11) **WO 98/50754** (13) A1

(21) PCT/FR98/00858

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

(25) fr (26) fr

(31) 97/05937 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F41B 7/04**

(54) ● UNDERWATER FISHING WEAPON COMPRISING AN ARTICULATED BUTT AND ADJUSTABLE HEIGHT

● ARME DE CHASSE SOUS-MARINE COMPORTANT UNE CROSSE ARTICULEE ET UNE HAUSSE REGLABLE

(71) **IMERSION S.A.** [FR/FR]; Z.I. du Felet, F-63300 Thiers (FR).
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(72, 75) **BUFFA, Pierre** [FR/FR]; 1138, chemin du Moulin, F-13105 Mimet (FR). **DESLAGE, Gérard** [FR/FR]; 69, avenue Béranger, F-63300 Thiers (FR).

(74) **CABINET CHANET JACQUES**; 56, avenue de Royat, Boîte postale 27, F-63401 Chamalières 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).

(11) **WO 98/50755** (13) A1

(21) PCT/US97/07719

(22) **7 May/mai 1997 (07.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **F42B 4/26**

(54) ● INFRARED ILLUMINATING COMPOSITIONS AND ARTICLES
● COMPOSITIONS ET ARTICLES A ECLAIRAGE INFRAROUGE

(71, 72) **FARNELL, Patricia** [US/US]; U.S. Army ARDEC, Picatinny Arsenal, NJ 07806-5000 (US). **BROAD, Russell** [US/US]; U.S. Army ARDEC, Picatinny Arsenal, NJ 07806-5000 (US). **NEMIROFF, Stuart** [US/US]; U.S. Army ARDEC, Picatinny Arsenal, NJ 07806-5000 (US).

(74) **CALLAGHAN, John, E.**; US Army Armament, Munitions and Chemical Command, Attn: AMSTA-AR-GCL, Picatinny Arsenal, NJ 07806-5000 (US).

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

(11) **WO 98/50756** (13) A1

(21) PCT/US98/03188

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/851.584 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01B 11/02, 11/08**

(54) ● METHOD AND APPARATUS FOR HIGH SPEED MEASUREMENT OF OILFIELD TUBULAR DIAMETER AND OVALITY

● PROCEDE ET APPAREIL DE MESURE RAPIDE DU DIAMETRE ET DE LA FORME OVALE DU MATERIEL TUBULAIRE D'UN CHAMP PETROLIER

(71) **ICO, INC.** [US/US]; Suite 1000, 11490 Westheimer, Houston, TX 77077 (US).

(72) **CURTIS, William, W., Jr.**; 12417 Fairpoint Drive, Houston, TX 77099 (US). **GRUBBS, Roy, C.**; 10511 Goodrum, Houston, TX 77041 (US). **LOGAN, Kevin, D.**; 18607 Singing Woods Drive, Humble, TX 77346 (US). **MILLER, John, A.**; 3414 Norris, Houston, TX 77025 (US).

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

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

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(11) **WO 98/50757** (13) A2

(21) PCT/US98/08950

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/850.473 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01B 11/24**

(54) ● THREE DIMENSIONAL INSPECTION SYSTEM

● SYSTEME DE CONTROLE TRIDIMENSIONNEL

(71, 72) **BEATY, Elwin, M.** [US/US]; 13529 Arthur Street, Minnetonka, MN 55305 (US).

(72) **MORK, David, P.**; 14605 34th Avenue North, No. 209, Plymouth, MN 55447 (US).

(74) **MOFFA, Emil et al.** / etc.; Moffa & Associates, P.A., Suite 1275, 601 Carlson Parkway, Minnetonka, MN 55305 (US).

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

(11) **WO 98/50758** (13) A1

(21) PCT/US98/08001

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

(25) en (26) en

(31) 08/846.459 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01B 11/275**

(54) ● EASY TOE ADJUSTMENT

● REGLAGE FACILITE DU PINCEMENT

(71) **SNAP-ON TECHNOLOGIES, INC.** [US/US]; 420 Barclay Boulevard, Lincolnshire, IL 60069 (US).

(72) **GILL, George, Michael**; 27 Stump Street, Vilonia, AR 72173 (US).

(74) **CRUZ, Lawrence**; Niro, Scavone, Haller & Niro, Suite 4600, 181 W. Madison, 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 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).

(11) **WO 98/50759** (13) A1

(21) PCT/US98/09119

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/045,694 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01D 5/241**

(54) ● POSITION SENSING METHOD AND APPARATUS
● PROCEDE ET APPAREIL DE DETECTION DE POSITION

(71) **CROWN EQUIPMENT CORPORATION** [US/US]; 40 South Washington Street, New Bremen, OH 45869 (US).

(72) **DAMMEYER, Ned, Elmer**; 4350 St. Johns Road, New Bremen, OH 45869 (US). **HANNAN, Alan, Richard**; 612 Mercury Drive, Cincinnati, OH 45244 (US).

(74) **STEVENS, Richard, C.** et al. / etc.; Killworth, Gottman, Hagan & Schaeff, L.L.P., One Dayton Centre, Suite 500, One South Main Street, Dayton, OH 45402-2023 (US).

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

(11) **WO 98/50760** (13) A2

(21) PCT/CA98/00447

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,495 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01D 5/36, 5/16, 5/245**

(54) ● MODULAR CONVEYOR SYSTEM HAVING MULTIPLE MOVING ELEMENTS UNDER INDEPENDENT CONTROL
● SYSTEME TRANSPORTEUR MODULAIRE A ELEMENTS MOBILES MULTIPLES COMMANDES DE MANIERE INDEPENDANTE

(71) **ATS AUTOMATION TOOLING SYSTEMS INC.** [CA/CA]; Preston Centre, 250 Royal Oak Road, P.O. Box 32100, Cambridge, Ontario N3H 5M2 (CA). **AGILE SYSTEMS INC.** [CA/CA]; 440 Phillip Street, Waterloo, Ontario N2L 5R9 (CA).
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(71) **PELTIER, Laura, H.** (legal representative of the deceased inventor / représentante légale de l'inventeur décédé) [CA/CA]; 629 Pine Island Crescent, Waterloo, Ontario N2V 1T3 (CA).
(only for / seulement pour US)

(72) **PELTIER, Kenneth** (deceased / décédé).

(72, 75) **LANKIN, Robert, Gordon** [CA/CA]; R.R. #1, Newton, Ontario N0K 1R0 (CA). **ROBINSON, Wayne, Michael** [CA/CA]; 18 - 363 Erb Street

West, Waterloo, Ontario N2L 1W4 (CA). **MacKAY, David, Kyle** [CA/CA]; 1 - 157 Bruce Street, Kitchener, Ontario N2B 1Z2 (CA). **FOR-TUNA, Jeffrey, John** [CA/CA]; 164 Fallingbrook Drive, Ancaster, Ontario L9G 1E6 (CA). **MADUSUTHANAN, Sajeev** [LK/CA]; Apartment 504, 91 Franklin Street South, Kitchener, Ontario N2C 1R6 (CA). **LINDSAY, Scott, Charles** [CA/CA]; R.R. #2 (Haysville), New Hamburg, Ontario N0B 2G0 (CA). **CYBULSKI, Michael, A.** [CA/CA]; 7 Springmount Drive, Kitchener, Ontario N2B 3V1 (CA). **HANCOCK, Michael, J.** [CA/CA]; 37 Rose Street, Kitchener, Ontario N2H 1L5 (CA). **HOLL, Robert, A.** [CA/CA]; 57 McLeod Court, Kitchener, Ontario N2R 1B1 (CA). **MOWAT, Donald, J.** [CA/CA]; 15 Meadow Rose Lane, Ayr, Ontario N0B 1E0 (CA).

(74) **ARMSTRONG, R., Craig**; Armstrong & Associates, 285 Fountain Street South, Cambridge, Ontario N3H 1J2 (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).

(11) **WO 98/50761** (13) A1

(21) PCT/US98/07874

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/848,887 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01F 1/40**

(54) ● FLUID FLOW APPARATUS
● DEBITMETRE DE FLUIDE

(71) **MCCROMETER, INC.** [US/US]; 3255 West Stetson Avenue, Hemet, CA 92545-7799 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PINKERTON, Robert, N.** [US/US]; 1220 Granite Drive, Hemet, CA 92543 (US). **IFFT, Stephen, A.** [US/US]; 1605 Juanita Lane, Redlands, CA 92373 (US).

(74) **JUETTNER, Thomas, R.**; Juettner Pyle Piontek & Underwood, Suite 1405, 110 West C 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).

(11) **WO 98/50762** (13) A1

(21) PCT/US98/09239

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/852,430 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01F 1/68**

(54) ● IMPROVED MASS FLOWMETER AND LAMINAR FLOW ELEMENTS FOR USE THEREIN

● DEBITMETRE MASSIQUE AMELIORE ET ELEMENTS D'ECOULEMENT LAMINAIRE DESTINES A ETRE UTILISES DANS LEDIT DEBITMETRE

(71) **MKS INSTRUMENTS, INC.** [US/US]; Six Shattuck Road, Andover, MA 01810 (US).

(72) **LUCAS, Paul, D.**; 254 Porter Street, Melrose, MA 02176 (US). **LUFT, Frederick, J.**; 8 Iris Court, Nashua, NH 03062 (US). **HUANG, Ting**; 178 Haggetts Pond Road, Andover, MA 01810 (US).

(74) **KUSMER, Toby, H.** et al. / etc.; Lappin & Kusmer LLP, Two Hundred State Street, Boston, MA 02109 (US).

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

(11) **WO 98/50763** (13) A1

(21) PCT/GR97/00040

(22) **25 Nov/nov 1997 (25.11.1997)**

(25) en (26) en

(31) 970100176 (32) **7 May/mai 1997 (07.05.1997)** (33) GR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01F 1/684, 1/688**

(54) ● INTEGRATED GAS FLOW SENSOR BASED ON POROUS SILICON MICROMACHINING
● CAPTEUR INTEGRE DE DEBIT GAZEUX BASE SUR DES TECHNIQUES DE MICROUSINAGE DE SILICIUM POREUX

(71) **NCSR "DEMOKRITOS"** [GR/GR]; P.O. Box 60228, Aghia Paraskevi, Attikis, GR-153 10 Athens (GR).
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(71, 72) **NASSIOPOULOU, Androula, G.** [GR/GR]; Institute of Microelectronics, NCSR "Demokritos", P.O. Box 60228, Aghia Paraskevi, Attikis, GR-153 10 Athens (GR). **KALTSAS, Grigoris** [GR/GR]; NCSR "Demokritos", P.O. Box 60228, Aghia Paraskevi, Attikis, GR-153 10 Athens (GR).

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

(11) **WO 98/50764** (13) A1

(21) PCT/EP98/02609

(22) **3 May/mai 1998 (03.05.1998)**

(25) de (26) de

(31) 197 18 567.3 (32) **3 May/mai 1997 (03.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01G 11/08**

(54) ● DOSING DEVICE
● DOSEUR

(71) **PFISTER GMBH** [DE/DE]; Stätzlinger Strasse 70, D-86165 Augsburg (DE).
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(72, 75) **HÄFNER, Hans, Wilhelm** [DE/DE]; Fichtenweg 15, D-86551 Aichach (DE). **BOCK, Günther** [DE/DE]; Augsburger Strasse 77, D-86316 Friedberg (DE). **RIPP, Peter** [DE/DE]; Nebelhornstrasse 39, D-86163 Augsburg (DE). **WOLFSCHAFFNER, Hubert** [DE/DE]; Grüntenstrasse 19, D-86453 Dasing (DE).

(74) **FIENER, Josef**; Maximilianstrasse 57, Postfach 1249, D-87712 Mindelheim (DE).

(81) BR CA CN JP MX 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 98/50765** (13) A1

(21) PCT/US98/08016

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

(25) en (26) en

(31) 60/046,332 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01G 13/02, G01F 13/00**

(54) ● MEASURING AND DISPENSING SYSTEM FOR SOLID DRY FLOWABLE MATERIALS
● SYSTEME DE MESURE ET DE DISTRIBUTION POUR PATES GRANULEES SOLIDES

(71) **E.I. DU PONT DE NEMOURS AND COMPANY** [US/US]; 1007 Market Street, Wilmington, DE 19898 (US).
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(72, 75) **GAULTNEY, Lawrence, Doka** [US/US]; 123 Black Oak Drive, Elkton, MD 21921 (US). **GERLING, Joseph, Francis** [US/US]; 180 State Road, West Grove, PA 19390 (US).

(74) **KING, Karen, K.**; 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 LS LT LU LV MD MG MK MN MW 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).

(11) **WO 98/50766** (13) A1

(21) PCT/IL98/00193

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

(25) en (26) en

(31) 120758 (32) **1 May/mai 1997 (01.05.1997)** (33) IL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01K 1/18, 13/00, 7/42**

(54) ● A HIGH SPEED ACCURATE TEMPERATURE MEASURING DEVICE
● DISPOSITIF SERVANT A MESURER LA TEMPERATURE TRES RAPIDEMENT ET AVEC PRECISION

(71) **MEDISIM LTD.** [IL/IL]; Technology Park, Mahat, 96251 Jerusalem (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **YARDEN, Moshe** [IL/IL]; Hacalanit Street 46, 90805 Mevaseret Zion (IL). **TEICH, T., Sorin** [IL/IL]; Hahadarim Street 4, 56524 Savion (IL). **VADAI, Ilan** [IL/IL]; Ben Zvi Street 39, 52247 Ramat Gan (IL).

(74) **NOAM, Meir**; P.O. Box 34335, 91342 Jerusalem (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).

(11) **WO 98/50767** (13) A1

(21) PCT/US98/04868

(22) **16 Mar/mar 1998 (16.03.1998)**

(25) en (26) en

(31) 08/850,239 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01K 11/20**

(54) ● PHOSPHOR THERMOMETRY SYSTEM
● SYSTEME DE THERMOMETRIE AU PHOSPHORE

(71) **AMERICAN IRON AND STEEL INSTITUTE** [US/US]; Suite 1300, 1101 17th Street, Washington, DC 20036 (US).

(72) **BESHEARS, David, L.**; 723 Sunnyside Road, Knoxville, TN 37923 (US). **SITTER, David, N.**; 5151 N. Via La Heroína, Tucson, AZ 85750 (US). **ANDREWS, William, H.**; 770 Poplar Creek Road, Oliver Springs, TN 37840 (US). **SIMPSON, Marc, L.**; 240 Wells Fargo Drive, Knoxville, TN 37922 (US). **ABSTON, Ruth, Ann**; 5116 Glen Meadow Drive, Centreville, VA 20120 (US). **CATES, Michael, R.**; 102-C Newridge Road, Oak Ridge, TN 37830 (US). **ALLISON, Steve, W.**; 406 Mapletree Drive, Knoxville, TN 37922 (US).

(74) **BEHRINGER, John, W.** et al. / etc.; Fitzpatrick, Cella, Harper & Scinto, 30 Rockefeller Plaza, New York, NY 10112-3801 (US).

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

(11) **WO 98/50768** (13) A1

(21) PCT/US98/09024

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,033 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01L 21/32, 21/34**

(54) ● BAYARD-ALPERT VACUUM GAUGE WITH NEUTRALIZATION OF X-RAY EFFECT
● MANOMETRE BAYARD-ALPERT POUVANT NEUTRALISER L'EFFET DES RAYONS X

(71) **THE FREDERICKS COMPANY** [US/US]; 2400 Philmont Avenue, Huntingdon Valley, PA 19006-0067 (US).
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(72, 75) **BRADY, Howard, M.** [US/US]; 11 Fisher Place, North Arlington, NJ 07031 (US). **DRUBETSKY, Emil** [US/US]; 243 Lockhart Place, Philadelphia, PA 19116 (US). **GOEHNER, Ronald, H.** [US/US]; 63 Castles Drive, Wayne, NJ 07470 (US). **KENDALL, Bruce, R.**, [US/US]; 435 Park Lane, State College, PA 16803 (US).

(74) **DELMAS, Joseph, R.**; Seidel, Gonda, Lavoragna & Monaco, P.C., Suite 1800, Two Penn Center Plaza, Philadelphia, PA 19102 (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA 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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(31) 97107528.8 (32) **7 May/mai 1997 (07.05.1997)** (33) EP

(34) CH et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01M 3/18, 3/32**

(54) ● LEAK TEST FOR CLOSED RECEPTACLES, TESTING CHAMBER, TESTING DEVICE AND INSTALLATION THEREFOR

● PROCEDE DE CONTROLE D'ETANCHEITE DE RECIPIENTS FERMES, AINSI QUE CHAMBRE DE CONTROLE, DISPOSITIF ET INSTALLATION DE CONTROLE Y RELATIF

(71, 72) **LEHMANN, Martin** [CH/CH]; Obere Farnbühlstrasse 1, CH-5610 Wohlen (CH).

(74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdstrasse 95, CH-8050 Zürich (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50770** (13) A1

(21) PCT/CH98/00182

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 97107520.5 (32) **7 May/mai 1997 (07.05.1997)** (33) EP

(34) CH et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01M 3/18, 3/32**

(54) ● LEAK TEST INSTALLATION FOR RECEPTACLES
● INSTALLATION DE CONTROLE D'ETANCHEITE DE RECIPIENTS

(71, 72) **LEHMANN, Martin** [CH/CH]; Obere Farnbühlstrasse 1, CH-5610 Wohlen (CH).

(74) **TROESCH SCHEIDEGGER WERNER AG**; Siewerdstrasse 95, CH-8050 Zürich (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 ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50771** (13) A1
 (21) PCT/US98/09068
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 08/852,043 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01M 3/24**
 (54) ● IMPROVED METHOD FOR DETECTING LEAKS IN PIPELINES
 ● PROCEDE AMELIORE DE DETECTION DE FUITES DANS DES PIPELINES
 (63) US 08/852,043 (CON) 6 May/mai 1997 (06.05.1997)
 (71, 72) **LANDER, Paul** [US/US]; Flow Matrix, Inc., 59 Oxbow Road, Lincoln, MA 01773 (US).
 (74) **HAYDEN, John, F.**; Fish & Richardson P.C., 601 Thirteenth Street, 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 98/50772** (13) A1
 (21) PCT/EP98/02555
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) de (26) de
 (31) 197 19 249.1 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01M 13/02**
 (54) ● DEVICE FOR COMPLETE MEASURING OF GEAR TOOTHING, INCLUDING TOOTH FLANK TOPOGRAPHY
 ● DISPOSITIF POUR LA MESURE COMPLETE DES DENTURES D'ENGRENAGES, Y COMPRIS DE LA TOPOGRAPHIE DES FLANCS DES DENTS
 (71) **FORD GLOBAL TECHNOLOGIES, INC.** [US/US]; Parklane Towers East, Suite 611, One Parklane Boulevard, Dearborn, MI 48126 (US); (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HOPE, Guido** [DE/DE]; Salzburger Strasse 4, D-40789 Monheim (DE).
 (74) **BONSMANN, Manfred**; Kaldenkirchener Strasse 35a, D-41063 Mönchengladbach (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).
 Published / Publiée : (c)
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- (11) **WO 98/50773** (13) A2
 (21) PCT/US98/09338
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/852,758 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (31) 09/054,223 (32) **2 Apr/avr 1998 (02.04.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N**
 (54) ● MICROCANTILEVER BIOSENSOR
 ● BIOCAPTEUR EN PORTE-A-FAUX
 (71) **UNIVERSITY OF MINNESOTA** [US/US]; c/o Regents of the University of Minnesota, 100 Church Street, Minneapolis, MN 55455 (US).
 (72) **CHARYCH, Deborah, H.**; 909 Taylor Street, Albany, CA 94701 (US). **MCGLENNEN, Ronald, C.**; 6605 Blackfoot Pass, Edina, MN 55439 (US). **POLLA, Dennis, L.**; 9228 Loch Lomond Court, Brooklyn Park, MN 55443 (US).
 (74) **THUENTE, John, F.** et al. / etc.; Patterson & Keough, P.A., 4800 IDS Center, 80 South 8th Street, Minneapolis, MN 55402-2100 (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 98/50774** (13) A1
 (21) PCT/EP98/02625
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) de (26) de
 (31) 197 18 828.1 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 1/34**
 (54) ● DEVICE FOR DETECTING BIOMOLECULES AND DISSOLVED SUBSTANCES IN LIQUIDS
 ● DISPOSITIF DE DETECTION DE BIOMOLECULES ET DE SUBSTANCES DISSOUTES DANS DES LIQUIDES
 (71, 72) **STUMPF, Albert** [DE/DE]; Schrämelstrasse 41, D-81247 München (DE).
 (74) **MAIWALD, Walter**; Maiwald GmbH, Poccistrasse 11, D-80336 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 98/50775** (13) A2
 (21) PCT/DE98/01289
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) de (26) de
 (31) 197 20 864.9 (32) **6 May/mai 1997 (06.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 3/00**
 (54) ● METHOD AND DEVICE FOR ENABLING NON-DESTRUCTIVE DETERMINATION OF THE ELASTICITY OF MATERIALS
 ● PROCEDE ET DISPOSITIF PERMETTANT DE DETERMINER DE MANIERE NON DESTRUCTIVE L'ELASTICITE DE MATERIAUX
 (71, 72) **YIN, Xuejun** [CN/DE]; Amendestrasse 70, D-13409 Berlin (DE).
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- (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 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 98/50776** (13) A1
 (21) PCT/DE98/01282
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) de (26) de
 (31) 197 19 201.7 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 13/00, 33/15**
 (54) ● DEVICE FOR DETERMINING THE DECAY TIME OF COMPRESSED MEDICAMENTS SUCH AS TABLETS AND CAPSULES, AND CORRESPONDING METHOD
 ● DISPOSITIF POUR DETERMINER LE TEMPS DE DESAGREGATION DE CORPS MOULES MEDICAMENTEUX COMPACTES TELS QUE DES COMPRIMES ET DES CAPSULES, ET PROCEDE CORRESPONDANT
 (71, 72) **KRÄMER, Norbert** [DE/DE]; Röntgenstrasse 68, D-64291 Darmstadt (DE).
 (74) **MIERSWA, Klaus**; Friedrichstrasse 171, D-68199 Mannheim (DE).
 (81) AU BA BG BR CA CN CU CZ DE EE HU IL JP KR MX NO NZ PL RO RU SG TR 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 98/50777** (13) A1
 (21) PCT/DK98/00175
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 0509/97 (32) **5 May/mai 1997 (05.05.1997)** (33) DK
 (31) 1431/97 (32) **9 Dec/déc 1997 (09.12.1997)** (33) DK
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 15/14, C12Q 1/00**
 (54) ● A METHOD AND A SYSTEM FOR DETERMINATION OF PARTICLES IN A LIQUID SAMPLE
 ● PROCEDE ET SYSTEME POUR DETERMINER DES PARTICULES DANS UN ECHANTILLON LIQUIDE
 (71) **CHEMOMETEC A/S** [DK/DK]; Gladsaxevej 87, DK-2860 Søborg (DK). (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HANSEN, Frans, Ejner, Ravn** [DK/DK]; Jakob Dannefærds Vej 12, 1.tv., DK-1973 Frederiksberg C (DK). **GLENSBJERG, Martin** [DK/DK]; Næsbyholmvej 2, 4.tv., DK-2700 Brønshøj (DK). **ARNVIDARSON, Börkur** [IS/DK]; Rørmosen 204, DK-2990 Nivå (DK). **JEPPESEN, Jesper, Myron** [DK/DK]; Nordfeldtvej 5, 1.th., DK-2700 Brønshøj (DK).
 (74) **PLOUGMANN, VINGTOFT & PARTNERS**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (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 98/50778** (13) A1
 (21) PCT/US98/07599
 (22) **15 Apr/avr 1998 (15.04.1998)**
 (25) en (26) en
 (31) 08/853,760 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 21/00, 33/53, 33/543, 33/553, C12Q 1/00**
 (54) ● DETACHABLE-ELEMENT ASSAY DEVICE
 ● DISPOSITIF D'ANALYSE A ELEMENT DETACHABLE
 (71) **SMITHKLINE DIAGNOSTICS, INC.** [US/US]; Building 2B, 1050 Page Mill Road, Palo Alto, CA 94303-0105 (US).
 (72) **LENNON, Donald, J.**; 12 Applecrest Drive, Yarmouth, ME 04096 (US). **PIASIO, Roger, N.**; 233 Foreside Road, Cumberland, ME 04110 (US).
 (74) **FARBER, Michael, B.**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025-3395 (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).

(11) **WO 98/50779** (13) A1
 (21) PCT/US98/09093
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en
 (31) 60/045,672 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 21/00, G01B 4/00**
 (54) ● SURFACE ANALYSIS USING GAUSSIAN BEAM PROFILES
 ● ANALYSE DE SURFACE PAR PROFILS DE FAISCEAU D'INTENSITE GAUSSIENS
 (71, 72) **HOLCOMB, Matthew, J.** [US/US]; 3912 Ocean Drive, Manhattan Beach, CA 90266 (US).
 (74) **MCFARLANE, Thomas, J.**; 426 Lowell Avenue, Palo Alto, CA 94301 (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 98/50780** (13) A1
 (21) PCT/GB98/01287
 (22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en
 (31) 9708778.7 (32) **1 May/mai 1997 (01.05.1997)** (33) GB
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 21/35, 27/04**
 (54) ● METHOD AND APPARATUS FOR MATCHING REFRIGERANTS
 ● PROCEDE ET APPAREIL D'ADAPTATION DE FLUIDES FRIGORIGENES
 (71) **SUN ELECTRIC UK LIMITED** [GB/GB]; Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB).

(72) **JONES, Barbara, Lynn**; Sun Electric UK Limited, Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB). **SMITH, Paul**; Sun Electric UK Limited, Unit 12, Horsleys Fields, King's Lynn, Norfolk PE30 5DD (GB). **DAVIS, Stephen, John**; 19 Burch Close, Church Hill Park, King's Lynn, Norfolk PE30 4UJ (GB).
 (74) **ARCHER, Philip, Bruce**; Urquhart-Dykes & Lord, New Priestgate House, 57 Priestgate, Peterborough, Cambs, PE1 1JX (GB).
 (81) AU CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50781** (13) A1
 (21) PCT/US98/09250
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 60/045,918 (32) **7 May/mai 1997 (07.05.1997)** (33) US
 (31) 08/956,671 (32) **22 Oct/oct 1997 (22.10.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 21/47, A61B 5/00, G01N 29/00, G01S 15/89, A61B 8/00**
 (54) ● METHOD AND APPARATUS FOR FREQUENCY ENCODED ULTRASOUND-MODULATED OPTICAL TOMOGRAPHY OF DENSE TURBID MEDIA
 ● PROCEDE ET APPAREIL DE TOMOGRAPHIE OPTIQUE, A MODULATION PAR ULTRASONS ET A CODAGE DE FREQUENCE, DE MILIEUX TROUBLES
 (71) **THE TEXAS A & M UNIVERSITY SYSTEM** [US/US]; 310 Wisenbaker Engineering Center, College Station, TX 77843-3369 (US).
 (72) **WANG, Lihong**; 1707 Serva Lane, College Station, TX 77840 (US).
 (74) **FISH, Charles, S.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).

(72) **WANG, Lihong**; 1707 Serva Lane, College Station, TX 77840 (US).
 (74) **FISH, Charles, S.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50782** (13) A2
 (21) PCT/US98/09163
 (22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en
 (31) 08/851,203 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 21/77, 21/64**
 (54) ● FIBER OPTIC BIOSENSOR FOR SELECTIVELY DETECTING OLIGONUCLEOTIDE SPECIES IN A MIXED FLUID SAMPLE
 ● BIOCAPTEUR A FIBRES OPTIQUES POUR DETECTER SELECTIVEMENT DES ESPECES OLIGONUCLEOTIDIQUES DANS UN ECHANTILLON DE FLUIDE MELANGE
 (71) **TRUSTEES OF TUFTS COLLEGE** [US/US]; Tufts University, Ballou Hall, Medford, MA 02155 (US).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **WALT, David, R.** [US/US]; 4 Candlewick Close, Lexington, MA 02178 (US). **HEALEY, Brian, G.** [US/US]; 577 Nortontown Road, Guilford, CT 06437 (US). **FERGUSON, Jane, F.** [US/US]; Apartment 3, 111 Woodstock Street, Somerville, MA 02144 (US).
 (74) **CREEHAN, R., Dennis**; P.O. Box 750070, Arlington Heights, MA 02175-0070 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50783** (13) A1
 (21) PCT/DK98/00171
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) 0505/97 (32) **2 May/mai 1997 (02.05.1997)** (33) DK
 (31) 1256/97 (32) **5 Nov/nov 1997 (05.11.1997)** (33) DK
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G01N 21/86, 21/35**
 (54) ● PREPARATION OF A MINERAL FIBRE PRODUCT
 ● PREPARATION D'UN PRODUIT DE FIBRES MINERALES
 (71) **ROCKWOOL INTERNATIONAL A/S** [DK/DK]; Hovedgaden 584, DK-2640 Hedehusene (DK).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **JENS, Riis** [DK/DK]; Julius Valentinersvej 35, 3. tv., DK-2000 Frederiksberg (DK).
 (74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
 (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 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).

(74) **HOFMAN-BANG & BOUTARD, LEHMANN & REE A/S**; Hans Bekkevolds Allé 7, DK-2900 Hellerup (DK).
 (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 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).

- (11) **WO 98/50784** (13) A1
(21) PCT/EP98/02615
(22) **4 May/mai 1998 (04.05.1998)**
(25) de (26) de
(31) 197 18 940.7 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G01N 23/04, 23/18, H05K 13/08, G01R 31/304**
(54) ● PROCESS AND CIRCUITRY FOR INSPECTING WELDING POINTS
● PROCEDE ET AGENCEMENT DE CIRCUITS POUR CONTROLER DES POINTS DE Soudure
(71) **MACROTRON PROCESS TECHNOLOGIES GMBH** [DE/DE]; Wamslerstrasse 9, D-81829 München (DE).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **SPERSCHNEIDER, Eckhard** [DE/DE]; Prof.-Berberich-Strasse 10, D-85579 Neubiberg (DE).
(74) **DOSTERSCHILL, Peter**; Fichtenstrasse 11, D-85570 Ottenhofen (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 98/50785** (13) A1
(21) PCT/NL98/00103
(22) **20 Feb/fév 1998 (20.02.1998)**
(25) nl (26) en
(31) 1005956 (32) **2 May/mai 1997 (02.05.1997)** (33) NL
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G01N 27/22, 33/46, H04B 15/02**
(54) ● DEVICE FOR MEASURING THE HUMIDITY OF A MATERIAL, E.G. WOOD
● DISPOSITIF DE MESURE DE L'HUMIDITE D'UN MATERIAU, PAR EXEMPLE LE BOIS
(71) **ARNOLD BROOKHUIS TEXTIELTECHNIEK B.V.** [NL/NL]; Kuipersdijk 194-196, NL-7512 CM Enschede (NL).
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(72, 75) **BROOKHUIS, Arnold, Hendrik** [NL/NL]; Stadsmatenstraat 1/312, NL-7513 AA Enschede (NL). **ROZEMA, Pieter** [NL/NL]; Pastoor Geerdinkstraat 16, NL-7576 ZH Oldenzaal (NL).
(74) **SCHUMANN, Bernard, Herman, Johan**; 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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50786** (13) A1
(21) PCT/US98/08325
(22) **24 Apr/avr 1998 (24.04.1998)**
(25) en (26) en
- (31) 08/855,707 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G01N 27/26**
(54) ● AN IN-SITU PROCESS FOR THE MONITORING OF LOCALIZED PITTING CORROSION
● PROCESSUS IN SITU DE CONTROLE DE LA CORROSION PROFONDE LOCALISEE
(71) **THE UNIVERSITY OF CHICAGO** [US/US]; 5801 South Ellis Avenue, Chicago, IL 60637 (US).
(for all designated States except / pour tous les États désignés sauf US)
(71, 72) **POPE, Daniel, H.** [US/US]; 30609 Berry Creek Drive, Georgetown, TX 78628 (US). **LIN, YuPo, J.** [US/US]; 1008 Ashford Lane, Westmont, IL 60559 (US). **ST. MARTIN, Edward, J.** [US/US]; 1108 Wellington, Libertyville, IL 60048 (US). **FRANK, James, R.** [US/US]; 21W561 Ellynwood Drive, Glen Ellyn, IL 60137 (US).
(74) **PENNINGTON, Joan** et al. / etc.; Mason, Kolehmainen, Rathburn & Wyss, Suite 2400, 300 South Wacker Drive, Chicago, IL 60606-6701 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50787** (13) A1
(21) PCT/US98/09417
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/848,413 (32) **8 May/mai 1997 (08.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G01N 27/26**
(54) ● INDIRECT ELECTRODE-BASED PUMPS
● POMPES A ELECTRODES INDIRECTES
(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).
(72) **MC BRIDE, Sterling, Eduard**; 4214 Fieldcrest Court, Lawrenceville, NJ 08648 (US). **CHIANG, William**; 4106 Twin Oaks Court, Monmouth Junction, NJ 08852 (US). **HEANEY, Paul, James**; 19 Spyglass Road, Skillman, NJ 08558 (US). **CHE-RUKURI, Satyam, Choudary**; 90 Cranbury Neck Road, Cranbury, NJ 08512 (US).
(74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (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 98/50788** (13) A1
(21) PCT/US98/09766
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 08/852,649 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G01N 27/26**
(54) ● ELECTROCHEMICAL TEST FOR MEASURING CORROSION RESISTANCE
● TEST ELECTROCHIMIQUE SERVANT A MESURER LA RESISTANCE A LA CORROSION
(71, 72) **SPELLANE, Peter, J.** [US/US]; 100 West Ardsley Avenue, Ardsley-on-Hudson, NY 10503 (US).
(74) **FENNELLY, Richard, P.**; Akzo Nobel Inc., 7 Livingstone Avenue, Dobbs Ferry, NY 10522-3408 (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 98/50789** (13) A1
(21) PCT/GB98/01252
(22) **29 Apr/avr 1998 (29.04.1998)**
(25) en (26) en
(31) 9708786.0 (32) **1 May/mai 1997 (01.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G01N 27/416**
(54) ● ELECTROCHEMICAL SENSING CIRCUITS
● CIRCUITS DE DETECTIONS ELECTROCHIMIQUES
(71) **CENTRAL RESEARCH LABORATORIES LIMITED** [GB/GB]; Dawley Road, Hayes, Middlesex UB3 1HH (GB).
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(72, 75) **GREEN, Ian, MacDonald** [GB/GB]; 96 Goldsmith Avenue, London W3 6HW (GB). **JACKSON, Michael** [GB/GB]; 4 Broadwater Road, Twyford, Reading, Berkshire RG10 0EX (GB).
(74) **LEAMAN, Keith**; QED Intellectual Property Limited, Dawley Road, Hayes, Middlesex UB3 1HH (GB).
(81) CA CN 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 98/50790** (13) A1
(21) PCT/GB98/01321
(22) **7 May/mai 1998 (07.05.1998)**
(25) en (26) en
(31) 9709290.2 (32) **7 May/mai 1997 (07.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G01N 33/28, 27/22, G01R 27/26**
(54) ● ELECTRICAL MEASUREMENT OF OIL QUALITY
● MESURE ELECTRIQUE DE LA QUALITE D'UNE HUILE

- (71) **LUBRIGARD LIMITED** [GB/GB]; 1 Smithfield Road, Aphington, Exeter EX2 8YD (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **COLLISTER, Christopher, John** [GB/GB]; Red Cottage, Stowell, Dorset DT9 4PD (GB).
- (74) **HOGG, Jeffery, Keith**; Withers & Rogers, 4 Dyer's Buildings, Holborn, London EC1N 2JT (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 98/50791** (13) A1
- (21) PCT/DK98/00167
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) en (26) en
- (31) 0496/97 (32) **1 May/mai 1997 (01.05.1997)** (33) DK
- (31) 0902/97 (32) **1 Aug/aout 1997 (01.08.1997)** (33) DK
- (31) 1151/97 (32) **8 Oct/oct 1997 (08.10.1997)** (33) DK
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G01N 33/483, 15/14, C12M 1/34, G01N 33/487**
- (54) ● AN AUTOMATIC ELECTRODE POSITIONING APPARATUS
● APPAREIL DE POSITIONNEMENT AUTOMATIQUE D'ELECTRODES
- (71) **NEUROSEARCH A/S** [DK/DK]; Smedeland 26 B, DK-2600 Glostrup (DK).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **OLESEN, Søren-Peter** [DK/DK]; Emiliekildevej 43, DK-2930 Klampenborg (DK).
CHRISTOPHERSEN, Palle [DK/DK]; Axel Juels Allé 48, DK-2750 Ballerup (DK).
BECH, Morten [DK/DK]; Sønder Boulevard 102, 2.th., DK-1720 Copenhagen V (DK).
- (74) **PLUGMANN, VINGTOFT & PARTNERS A/S**; Sankt Annæ Plads 11, P.O. Box 3007, DK-1021 Copenhagen K (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 HÜ ID IL IS JP KE KG KP KR KZ 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 98/50792** (13) A1
- (21) PCT/GB98/01277
- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en

- (31) 9708961.9 (32) **2 May/mai 1997 (02.05.1997)** (33) GB
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G01N 33/543, 33/68**
- (54) ● IMMUNOASSAY
● ESSAI IMMUNOLOGIQUE
- (71) **GOODENOUGH, Nigel** [GB/GB]; A.A. Thornton & Co., Northumberland House, 303-306 High Holborn, London WC1V 7LE (GB).
(only for / seulement pour MW)

- (71, 72) **RINGEL, Karl, Peter** [DE/IE]; 3 Friarsland Avenue, Dublin 14 (IE).

- (74) **WAIN, Christopher, Paul** et al. / etc.; A.A. Thornton & Co., Northumberland House, 303-306 High Holborn, London WC1V 7LE (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).

- (11) **WO 98/50793** (13) A1

(21) PCT/FR98/00676

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) fr (26) fr

- (31) 97/05456 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01P 3/44**

- (54) ● DEVICE FOR MEASURING THE ROTATION OF A ROTATING ELEMENT
● DISPOSITIF POUR MESURER LA ROTATION D'UN ELEMENT TOURNANT

- (71) **SNR ROULEMENTS** [FR/FR]; 1, rue des Usines, Boîte postale 2017, F-74010 Annecy (FR).

- (72) **LIATARD, Bernard**; Les Granges, F-74540 Gruffy (FR).
NANTUA, René; Le Cret, F-74330 Sillingy (FR).
RIVIERE, Isabelle; 20, rue du Bois Gentil, F-74600 Seynod (FR).

- (74) **FERNANDEZ, Francis**; Renault, Scc 0267 - TPZ 0J2 1 10, 860, quai de Stalingrad, F-92109 Boulogne Billancourt (FR).

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

- (11) **WO 98/50794** (13) A1

(21) PCT/SE98/00816

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

- (31) 9701720-6 (32) **7 May/mai 1997 (07.05.1997)** (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01P 15/09**

- (54) ● ACCELEROMETER
● ACCELEROMETRE

- (71) **PACESETTER AB** [SE/SE]; S-175 84 Järfälla (SE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **NILSSON, Kenth** [SE/SE]; Trälhavsvägen 42, S-184 60 Åkersberga (SE).
NILSSON, Eva [SE/SE]; Trälhavsvägen 42, S-184 60 Åkersberga (SE).

- (74) **PACESETTER AB**; Patent Dept., Att: Sven Kalling, 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 98/50795** (13) A1

(21) PCT/SE98/00817

(22) **4 May/mai 1998 (04.05.1998)**

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- (31) 9701721-4 (32) **7 May/mai 1997 (07.05.1997)** (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01P 15/09**

- (54) ● SENSOR
● DETECTEUR

- (71) **PACESETTER AB** [SE/SE]; S-175 84 Järfälla (SE).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **NILSSON, Kenth** [SE/SE]; Trälhavsvägen 42, S-184 60 Åkersberga (SE).
NILSSON, Eva [SE/SE]; Trälhavsvägen 42, S-184 60 Åkersberga (SE).

- (74) **KALLING, Sven**; Pacesetter AB, Patent Dept., 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 98/50796** (13) A1

(21) PCT/US98/08539

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

(25) en (26) en

- (31) 08/851,793 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01P 21/00, H03H 3/00**

- (54) ● A SYSTEM AND METHOD FOR PRECISION COMPENSATION FOR THE NONLINEAR OFFSET AND SENSITIVITY VARIATION OF A SENSOR WITH TEMPERATURE
● SYSTEME ET PROCEDE PERMETTANT DE COMPENSER AVEC PRECISION LE DECALAGE NON LINEAIRE ET LA VARIATION DE LA SENSIBILITE D'UN CAPTEUR DUS A LA TEMPERATURE

- (71) **INTEGRATED SENSOR SOLUTIONS** [US/US]; 625 River Oaks Parkway, San Jose, CA 95134 (US).

- (72) **YUNUS, Mohammad**; 1744 Corte de Orinda, Fremont, CA 94539 (US).

- (74) **SAWYER, Joseph, A., Jr.** et al. / etc.; Sawyer & Associates, P.O. Box 51418, Palo Alto, CA 94303 (US).

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

- (11) **WO 98/50797** (13) A1

(21) PCT/ES98/00131

(22) **8 May/mai 1998 (08.05.1998)**

(25) es (26) es

(31) P 9700990 (32) **8 May/mai 1997 (08.05.1997)** (33) ES

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01R 22/00, 21/133, 11/56**

(54) ● PROGRAMMABLE MONITORING DEVICE FOR ELECTRIC CONSUMPTION

- DISPOSITIF DE SURVEILLANCE PROGRAMMABLE DE CONSOMMATION ELECTRIQUE

(71, 72) **RODILLA SALA, Vicente** [ES/ES]; Urbanización Los Monasterios, Avenida Sierra Calderona, E-46530 Puzol (ES).(74) **UNGRIA LOPEZ, Javier**; Avenida Ramón y Cajal, 78, E-28043 Madrid (ES).

(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 98/50798** (13) A1

(21) PCT/DE98/01177

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

(25) de (26) de

(31) 197 18 649.1 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01R 33/025, H05K 9/00, H01J 37/09, G05F 7/00, G01R 33/389**

(54) ● METHOD AND DEVICE FOR ACTIVE COMPENSATION OF MAGNETIC AND ELECTROMAGNETIC DISTURBANCE FIELDS

- DISPOSITIF ET PROCEDE POUR LA COMPENSATION ACTIVE DE CHAMPS PERTURBATEURS MAGNETIQUES ET ELECTROMAGNETIQUES

(71, 72) **HEILAND, Peter** [DE/DE]; Karl-Liebknecht-Strasse 30, D-65479 Raunheim (DE).(74) **HERDEN, Andreas**; Sonnenberger Strasse 100, D-65193 Wiesbaden (DE).

(81) CA 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 98/50799** (13) A1

(21) PCT/RU97/00140

(22) **6 May/mai 1997 (06.05.1997)**

(25) ru (26) ru

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01S 13/12**

(54) ● METHOD FOR DISCOVERING THE LOCATION OF A LIVING OBJECT AND MICROWAVE LOCATION DEVICE FOR REALISING THE SAME

- PROCEDE PERMETTANT DE DECOUVRIR LA POSITION D'UN ETRE VIVANT ET DISPOSITIF DE LOCALISATION A MICRO-ONDES PERMETTANT DE METTRE EN OEUVRE CE PROCEDE

(71, 72) **OSIPOV, Viktor Rostislavovich** [RU/RU]; mkr. 1, Jubileiny, 18-36, Moskovskaya obl., 141090 (RU). **IKRAMOV, Gairat Saidkhakimovich** [RU/RU]; Olimpiiskaya derevnya, ul. Pelshe, 16-108, Moscow, 117602 (RU).(74) **TOVARISCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU PATENT LAW FIRM "JUS"**; a/ya 184, PLF "JUS", Moscow, 103009 (RU).

(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; 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).

(11) **WO 98/50800** (13) A1

(21) PCT/US98/09852

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/853.609 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01S 13/86**

(54) ● FOG PIERCING RANGING APPARATUS AND METHOD

- APPAREIL DE TELEMETRIE CAPABLE DE PERCER LE BROUILLARD ET PROCEDE

(71) **LASER TECHNOLOGY, INC.** [US/US]; 7070 South Tucson Way, Englewood, CO 80112 (US).(72) **ELLIOTT, Scott**; Apartment D206, 9959 E. Peakview, Englewood, CO 80112 (US). **MILLER, Eric, A.**; 4540 S. Jason Street, Englewood, CO 80110 (US). **DUNNE, Jeremy, G.**; 2686 E. Otero Place #11, Littleton, CO 80122 (US).(74) **WAHL, John, R.** et al. / etc.; Holland & Hart L.L.P., Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).

(81) AU BR 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 98/50801** (13) A2

(21) PCT/IT98/00097

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

(25) en (26) en

(31) RM97A000256 (32) **2 May/mai 1997 (02.05.1997)** (33) IT

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01T 1/164**

(54) ● FLAT SCINTILLATION GAMMA CAMERA, WITH VERY HIGH SPATIAL RESOLUTION, WITH MODULAR STRUCTURE

- GAMMA-CAMERA PLATE A SCINTILLATIONS PRESENTANT UNE RESOLUTION SPATIALE TRES ELEVEE ET UNE STRUCTURE MODULAIRE

(71) **C.N.R. CONSIGLIO NAZIONALE DELLE RICERCHE** [IT/IT]; Piazzale Aldo Moro, 7, I-00185 Roma (IT).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **SOLURI, Alessandro** [IT/IT]; Via dei Piceni, 6, I-00185 Roma (IT).(74) **DI CURZIO, Sergio**; Bugnion S.p.A., Piazza dei Re di Roma, 21, I-00183 Roma (IT).

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

(11) **WO 98/50802** (13) A1

(21) PCT/US98/09347

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/045.836 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01T 1/17**

(54) ● METHOD AND APPARATUS TO PREVENT PILE-UP WHEN DETECTING THE ENERGY OF INCOMING SIGNALS

- PROCEDE ET APPAREIL DESTINES A EMPECHER L'EMPILEMENT LORS DE LA DETECTION DE L'ENERGIE DE SIGNAUX ENTRANTS

(63) US 60/045.836 (CIP)
7 May/mai 1997 (07.05.1997)(71) **BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM** [US/US]; 201 West 7th Street, Austin, TX 78701 (US).

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(72, 75) **WONG, Wai-Hoi** [US/US]; 7903 Deer Meadow, Houston, TX 77071 (US). **LI, Hon-di** [CN/US]; 9220 Bellewood #410-B, Houston, TX 77036 (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 98/50803** (13) A2

(21) PCT/UA98/00008

(22) **6 May/mai 1998 (06.05.1998)**

(25) ru (26) ru

(31) 97052118 (32) **7 May/mai 1997 (07.05.1997)** (33) UA

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G01V**

(54) ● NEUROTECHNICAL METHOD FOR GEOLOGICAL RESEARCH AND PROSPECTING

- PROCEDE NEUROTECHNIQUE DE RECHERCHES ET DE PROSPECTION GEOLOGIQUES

(71, 72) **NEDRSA, Gennady D.** [UA/UA]; pr. Ivana Mariyanenko, 13-85, Kiev, 252021 (UA). **VOLF-MAN, Iury M.** [UA/UA]; ul. Marshala Zhukova, 5-165, Simferopol, 333035 (UA). **NOVIK, Nikolai N.** [UA/UA]; ul. Lenina, 1-38, s.m.t. Pochtove, Bakhchisaraisky raion, 334400 (UA).(74) **CHEREPOV, Leonid V.**; a/ya 3, Kiev, 252119 (UA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50804** (13) A2
(21) PCT/US98/09259
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/852,319 (32) **7 May/mai 1997 (07.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G02B**
(54) ● DYNAMIC DRIVE METHODS AND APPARATUS FOR A BISTABLE LIQUID CRYSTAL DISPLAY
● PROCEDES D'EXCITATION DYNAMIQUE ET APPAREILS POUR UN ECRAN A CRISTAUX LIQUIDES BISTABLE
(71) **KENT STATE UNIVERSITY** [US/US]; East Main and Lincoln Streets, Kent, OH 44242 (US).
- (72) **YANG, Deng-Ke**; 6122 Independence Drive, Hudson, OH 44236 (US). **ZHU, Yang-Ming**; RM 305 1800 Rhoades Road, Kent, OH 44240 (US). **HUANG, Xiao-Yang**; 1414 Allerton Street, Kent, OH 44240 (US).
- (74) **WEBER, Ray, L.** et al. / etc.; Renner, Kenner, Greive, 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 98/50805** (13) A1
(21) PCT/US97/15863
(22) **9 Sep/sep 1997 (09.09.1997)**
(25) en (26) en
(31) 08/853,998 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G02B 1/04, C08F 20/22, 220/22**
(54) ● OPTICAL PRODUCT PREPARED FROM HIGH INDEX OF REFRACTION BROMINATED MONOMERS
● PRODUIT OPTIQUE PREPARE A PARTIR DE MONOMERES BROMES A INDICE DE REFRACTION ELEVE
(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **FONG, Bettie, C.**; P.O. Box 33427, Saint Paul, MN 5133-3427 (US). **OLSON, David, B.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **SCHULTE, Daniel, C.** 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50806** (13) A1
(21) PCT/US98/09278
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/853,261 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G02B 5/02, 5/04**
(54) ● BRIGHTNESS ENHANCEMENT ARTICLE
● ARTICLE D'ACCENTUATION DE LA LUMINOSITE
(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (72) **FONG, Bettie, C.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KRETZMAN, Wade, D.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **KOTCHICK, Keith, M.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **COBB, Sanford, Jr.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **MILLER, Richard, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **WILLIAMS, Todd, R.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). **TOYOOKA, Kazuhiko**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).
- (74) **BUCKINGHAM, Stephen, W.** 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 98/50807** (13) A1
(21) PCT/US98/09073
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 97/05459 (32) **2 May/mai 1997 (02.05.1997)** (33) FR
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G02B 5/23, C07D 311/92, 413/00**
(54) ● PHOTOCROMIC COMPOSITIONS, PHOTOCROMIC COMPOUNDS (CO)POLYMERS MATRICES
● COMPOSITIONS PHOTOCROMES, MATRICES (CO)POLYMERES A COMPOSES PHOTOCROMES
(71) **CORNING INCORPORATED** [US/US]; I Riverfront Plaza, Corning, NY 14831 (US).
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- (72, 75) **BREYNE, Olivier** [FR/FR]; 6, mail de la Résistance, F-94380 Borneil-sur-Marne (FR). **CHAN, You-Ping** [FR/FR]; 14, boulevard Jean XXIII, F-69008 Lyon (FR). **HENRY, David** [FR/FR]; 2, rue de la Grange des Noyers, F-91150 Morigny (FR). **LAFOSSE, Xavier** [FR/FR]; 300, rue Adolphe Pajaud, F-92160 Antony (FR).
- (74) **HERZFELD, Alexander, R.**; Corning Incorporated, Patent Dept., SP FR 02-12, Corning, NY 14831 (US).
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- (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 98/50808** (13) A1
(21) PCT/JP98/01730
(22) **16 Apr/avr 1998 (16.04.1998)**
(25) ja (26) ja
(31) 9/116812 (32) **7 May/mai 1997 (07.05.1997)** (33) JP
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G02B 6/32, 6/10**
(54) ● OPTICAL FIBER WITH LENS
● FIBRE OPTIQUE COMPORTANT UNE LENTILLE
(71) **THE FURUKAWA ELECTRIC CO., LTD.** [JP/JP]; 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
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- (72, 75) **IRIE, Yuichiro** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **KIMURA, Toshio** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP). **SHIMIZU, Takeo** [JP/JP]; The Furukawa Electric Co., Ltd., 6-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8322 (JP).
- (74) **NAGATO, Kanji**; 5F, SKK Building, 8-1, Shinbashi 5-chome, Minato-ku, Tokyo 105-0004 (JP).
- (81) US; EP (FR GB IT).
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- (11) **WO 98/50809** (13) A1
(21) PCT/CH98/00183
(22) **6 May/mai 1998 (06.05.1998)**
(25) de (26) de
(31) 1057/97 (32) **6 May/mai 1997 (06.05.1997)** (33) CH
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G02B 6/42**
(54) ● IN-COUPPLING AND OUT-COUPPLING DEVICES FOR RADIATION GUIDES IN A COMMUNICATIONS NETWORK
● DISPOSITIFS D'INJECTION ET D'EXTRACTION POUR GUIDES D'ONDES DANS UN RESEAU DE TELECOMMUNICATION
(71) **ASCOM TECH AG** [CH/CH]; Berner Technopark, Morgenstrasse 129, CH-3018 Bern (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VALK, Bernhard** [DE/CH]; Holenackerstrasse 65/F03, CH-3027 Bern (CH). **ANTHAMATTEN, Olivier** [CH/CH]; Route des Préalpes 3, CH-1752 Villars-sur-Glâne (CH). **HUNZIKER, Werner** [CH/CH]; Wehntalerstrasse 635, CH-8046 Zürich (CH).
- (74) **ROSHARDT, Werner, A.** et al. / etc.; Keller & Partner Patentanwälte AG, Zeughausgasse 5, Postfach, CH-3000 Bern 7 (CH).
- (81) JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50810** (13) A1
 (21) PCT/DE98/00107
 (22) **14 Jan/jan 1998 (14.01.1998)**
 (25) de (26) de
 (31) 197 18 949.0 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G02B 6/42**
 (54) ● ELECTROOPTICAL MODULE
 ● MODULE ELECTRO-OPTIQUE
 (71) **ROBERT BOSCH GMBH** [DE/DE]; Postfach 30 02 20, D-70442 Stuttgart (DE).
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 (72, 75) **HAUER, Heiner** [DE/DE]; Frühlingshalde 1, D-70734 Fellbach (DE). **KUKE, Albrecht** [DE/DE]; Nelkenweg 2, D-71549 Auenwald (DE). **MOESS, Eberhard** [DE/DE]; Ludwig-Beck-Strasse 6, D-71540 Murrhardt (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 98/50811** (13) A1
 (21) PCT/DE98/00109
 (22) **21 Jan/jan 1998 (21.01.1998)**
 (25) de (26) de
 (31) 197 18 950.4 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G02B 6/42**
 (54) ● ELECTROOPTICAL MODULE
 ● MODULE ELECTRO-OPTIQUE
 (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) **HAUER, Heiner** [DE/DE]; Frühlingshalde 1, D-70734 Fellbach (DE). **KUKE, Albrecht** [DE/DE]; Nelkenweg 2, D-71549 Auenwald (DE). **MOESS, Eberhard** [DE/DE]; Ludwig-Beck-Strasse 6, D-71540 Murrhardt (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 98/50812** (13) A1
 (21) PCT/US98/09379
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/854,157 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G02B 13/22, 3/06, G06K 9/74**
 (54) ● LENS SYSTEMS FOR USE IN FINGERPRINT DETECTION
 ● SYSTEMES DE LENTILLES UTILISES DANS UNE DETECTION D'EMPREINTE
 (71) **CROSS CHECK CORPORATION** [US/US]; Phillips Point East Tower, Suite 1200, 777 South Flagler Drive, West Palm Beach, FL 33401 (US).
 (72) **BETENSKY, Ellis, I.**; 61 St. Clair Avenue West #1008, Toronto, Ontario M4V 2Y8 (CA).
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- (74) **KLEE, Maurice, M.**; 1951 Burr Street, Fairfield, CT 06430 (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 98/50813** (13) A1
 (21) PCT/US98/09175
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 60/045,593 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G02B 26/02, 6/42, G11B 7/135**
 (54) ● TWO-DIMENSIONAL OPTICAL POSITIONING SYSTEM
 ● SYSTEME DE POSITIONNEMENT OPTIQUE BIDIMENSIONNEL
 (71) **SEAGATE TECHNOLOGY, INC.** [US/US]; 920 Disc Drive, Scotts Valley, CA 95066 (US).
 (72) **BELSER, Karl, A.**; 5544 Drysdale Drive, San Jose, CA 95124 (US). **FENNEMA, Alan, A.**; 1677 Meadow Lark Lane, Sunnyvale, CA 94087 (US). **JERMAN, John, H.**; 3056 Ramona Street, Palo Alto, CA 94306 (US). **DRAKE, Joseph**; 550 Ortega Avenue #B126, Mountain View, CA 94040 (US).
 (74) **WARDAS, Mark, A.**; Quinta Corporation, 1870 Lundy Avenue, San Jose, CA 95131 (US).
 (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 98/50814** (13) A1
 (21) PCT/US98/09092
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 60/045,542 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G02B 26/08, 26/10, 6/32, G06K 7/10, H01L 21/60, H01J 3/14**
 (54) ● OPTICAL SCANNER AND IMAGE READER FOR READING IMAGES AND DECODING OPTICAL INFORMATION INCLUDING ONE AND TWO DIMENSIONAL SYMBOLOGIES AT VARIABLE DEPTH OF FIELD
 ● EXPLORATEUR OPTIQUE ET LECTEUR D'IMAGES POUR LA LECTURE D'IMAGES ET LE DECODAGE D'INFORMATIONS OPTIQUES, Y COMPRIS LES SYMBOLES EN UNE ET DEUX DIMENSIONS A PROFONDEUR DE CHAMP VARIABLE
 (71, 72) **ROUSTAEI, Alexander, R.** [FR/US]; 2454 Rue Denise, La Jolla, CA 92037 (US).
 (74) **BROOK, Mitchell, P.**; Baker & McKenzie, 12th floor, 101 West Broadway, San Diego, CA 92101 (US) et al. / etc.
 (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 98/50815** (13) A1
 (21) PCT/IT98/00106
 (22) **27 Apr/avr 1998 (27.04.1998)**
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- (25) en (26) en
 (31) MI97U000311 (32) **5 May/mai 1997 (05.05.1997)** (33) IT
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G02C 1/08**
 (54) ● CLOSING DEVICE FOR GLASSES ORBITS
 ● DISPOSITIF DE FERMETURE POUR MONTURES DE LUNETTES
 (71, 72) **PRESTINARI, Fabrizio** [IT/IT]; Via Caduti del Lavoro, 3, I-20067 Paullo (IT).
 (81) AL AU BA BG BR CA CN CU CZ EE GE ID IL IS JP KR LT MK MX NO NZ PL RO SG SI SK TR UA US UZ VN 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); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- Published / Publiée : (c)
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- (11) **WO 98/50816** (13) A1
 (21) PCT/US98/08202
 (22) **23 Apr/avr 1998 (23.04.1998)**
 (25) en (26) en
 (31) 08/850,883 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G02C 5/00, 1/06**
 (54) ● EYEWEAR FRAME CONSTRUCTION
 ● STRUCTURE DE MONTURE POUR LUNETTES
 (71) **BAUSCH & LOMB INCORPORATED** [US/US]; One Bausch & Lomb Place, Rochester, NY 14604 (US).
 (72) **CONWAY, Simon, M.**; 1840 Genesee Street, P.O. Box 113, Lima, NY 14485 (US).
 (74) **MCGUIRE, Katherine** et al. / etc.; Bausch & Lomb Incorporated, One Bausch & Lomb Place, Rochester, NY 14604 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50817** (13) A1
 (21) PCT/IB98/00670
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) fr (26) fr
 (31) 97/05877 (32) **7 May/mai 1997 (07.05.1997)** (33) FR
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **G02C 5/18**
 (54) ● SPECTACLE FRAME BOW
 ● BRANCHE DE MONTURE DE LUNETTES
 (71) **SALINO ET FILS S.A.** [FR/FR]; 194, rue de la République, F-39400 Morez (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MILLET, Gérald** [FR/FR]; 1111, rue Général Andréa, Marchon, F-01100 Armentières (FR).

(74) **CABINET MICHEL MOINAS**; 13, chemin du Levant, F-01210 Ferney-Voltaire (FR).

(81) CN JP US.

(11) **WO 98/50818** (13) A1

(21) PCT/JP98/02000

(22) **1 May/mai 1998 (01.05.1998)**

(25) ja (26) ja

(31) 9/118503 (32) **8 May/mai 1997 (08.05.1997)** (33) JP

(31) 9/118504 (32) **8 May/mai 1997 (08.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G02F 1/1335**

(54) ● DISPLAY DEVICE AND ELECTRONIC EQUIPMENT MADE BY USING THE SAME
● DISPOSITIF D'AFFICHAGE ET EQUIPEMENT ELECTRONIQUE FABRIQUE A PARTIR DE CELUI-CI

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
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(72, 75) **IJIMA, Chiyoaki** [JP/JP]; Seiko Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, Intellectual Property Dept., 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(81) JP US.

(11) **WO 98/50819** (13) A1

(21) PCT/JP98/02001

(22) **1 May/mai 1998 (01.05.1998)**

(25) ja (26) ja

(31) 9/117320 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(31) 9/238635 (32) **3 Sep/sep 1997 (03.09.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G02F 1/1335**

(54) ● DISPLAY ELEMENT AND ELECTRONIC CLOCK
● ELEMENT D'AFFICHAGE ET MONTRE ELECTRONIQUE

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishi-shinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
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(72, 75) **ARIKAWA, Yasuo** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **MIYAZAWA, Eiichi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP). **MAEDA, Tsuyoshi** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(74) **SUZUKI, Kisaburo** et al. / etc.; Seiko Epson Corporation, Intellectual Property Dept., 3-5, Owa 3-chome, Suwa-shi, Nagano-ken 392-8502 (JP).

(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 98/50820** (13) A1

(21) PCT/FR98/00878

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

(25) fr (26) fr

(31) 97/05466 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G02F 1/1337, 1/139**

(54) ● CELL COMPRISING A CONTROLLED ANCHORING PLATE FOR NEMATIC LIQUID CRYSTALS AND PROCESS FOR FABRICATING SAID PLATE

● CELLULE COMPRENANT UNE PLAQUE A ANCRAGE CONTROLE POUR CRISTAUX LIQUIDES NEMATIQES ET PROCEDE DE REALISATION D'UNE TELLE PLAQUE

(71) **ISTITUTO NAZIONALE PER LA FISICA DELLA MATERIA** [IT/IT]; Via Dodecanesso, I-16142 Genes (IT).
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(72, 75) **BARBERI, Riccardo, Cristoforo** [IT/IT]; Via G. Verdi, 160/C, I-87036 Rende (IT). **BARTOLINO, Roberto** [IT/IT]; Centro Residenziale Ubical, Bl. 5, Apartment 4, I-87036 Arcavacata di Rende (IT). **GIOCONDO, Michele** [IT/IT]; Piazza Nicola Misasi, 5, I-87100 Cosenza (IT). **IOVANE, Maria** [IT/IT]; Via dei Mille, 171, I-88046 Lamezia Terme (IT). **ALEXE-IONESCU, Anca, Luisa** [RO/RO]; Boulevard M. Kogalniceanu, 87 Ap. 5, R-70604 Bucharest (RO). **BONVENT, Jean-Jacques** [FR/BR]; Rua das Hortênsias, 455, Mirandópolis, CEP-04051-000 Sao Paulo, SP (BR). **SCHADT, Martin** [CH/CH]; Liestalerstrasse 77, CH-4411 Seltisberg (CH).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

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

(11) **WO 98/50821** (13) A1

(21) PCT/FR98/00909

(22) **6 May/mai 1998 (06.05.1998)**

(25) fr (26) fr

(31) 97/05653 (32) **7 May/mai 1997 (07.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G02F 1/1337**

(54) ● LIQUID CRYSTAL DEVICE COMPRISING ANCHORING MEANS ON AT LEAST ONE CONFINEMENT PLATE PROVIDING A DEGENERATED ORIENTATION

● DISPOSITIF A CRISTAUX LIQUIDES COMPRENANT DES MOYENS D'ANCRAGE SUR AU MOINS UNE PLAQUE DE CONFINEMENT DONNANT UNE ORIENTATION DEGENEREE

(71) **CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)** [FR/FR]; 3, rue Michel Ange, F-75794 Paris Cedex 16 (FR).
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(72, 75) **MARTINOT-LAGARDE, Philippe** [FR/FR]; 29 ter, avenue Massenet Deroche, F-91460 Marcoussis (FR). **DOZOV, Ivan** [BG/FR]; 55, rue de Madrid, F-91190 Gif-sur-Yvette (FR). **POLOSSAT, Eric** [FR/FR]; 8, rue des Tonnelles,

F-34080 Montpellier (FR). **RASPAUD, Eric** [FR/FR]; 11, rue Pont Colbert, F-78000 Versailles (FR). **AUROY, Philippe** [FR/FR]; 62, allée de la Bannière de Maupertuis, F-91190 Gif-sur-Yvette (FR). **OU RAMDANE, Olivier** [FR/FR]; 102, rue Bobillot, F-75013 Paris (FR). **DURAND, Georges** [FR/FR]; 16, rue de Chateaufort, F-91400 Orsay (FR). **FORGET, Sandrine** [FR/FR]; 11, rue du Bel Air, F-94230 Cachan (FR).

(74) **MARTIN, Jean-Jacques** et al. / etc.; Cabinet Regimbeau, 26, avenue Kléber, F-75116 Paris (FR).

(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 98/50822** (13) A1

(21) PCT/US97/06747

(22) **18 Apr/avr 1997 (18.04.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G02F 1/137**

(54) ● ZERO FIELD MULTISTABLE CHOLESTERIC LIQUID CRYSTAL DISPLAYS

● AFFICHEURS A CRISTAUX LIQUIDES CHOLESTERIQUES MULTISTABLES A CHAMP ZERO

(71) **ADVANCED DISPLAY SYSTEMS, INC.** [US/US]; Building 1, 10901 Airport Boulevard, Amarillo, TX 79111 (US).

(72) **WU, Bao-Gang**; Apartment 403, 4101 45th Avenue, Amarillo, TX 79109 (US). **GAO, Jianmi**; 2009 Yvonne Place, Richardson, TX 75081 (US). **ZHOU, Hongxi**; 12250 Abrams Road #2198, Dallas, TX 75243 (US). **MA, Yao-Dong**; 1241 Richland Oaks Drive, 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 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).

(11) **WO 98/50823** (13) A1

(21) PCT/EP98/02588

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

(25) en (26) en

(31) 97201287.6 (32) **2 May/mai 1997 (02.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G02F 1/313, H04Q 3/52**

(54) ● OPTICAL SWITCH MATRIX COMPRISING AN IMPROVED LEAD PATTERN

● MATRICE DE COMMUTATION OPTIQUE COMPRENANT UN MOTIF DE CONDUCTEURS AMELIORE

(71) **AKZO NOBEL N.V.** [NL/NL]; Velperweg 76, NL-6824 BM Arnhem (NL).
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(72, 75) **HOEKSTRA, Tsjerk, Hans** [NL/NL]; Meidoornlaan 151, NL-6951 LZ Dieren (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 98/50824** (13) A1
- (21) PCT/FR98/00926
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) fr (26) fr
- (31) 97/05637 (32) **7 May/mai 1997 (07.05.1997)** (33) FR
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G02F 1/35, H04B 10/18**
- (54) ● DEVICE AND METHOD FOR REGENERATING A TRAIN OF SOLITONS
● DISPOSITIF ET PROCEDE DE REGENERATION POUR TRAIN DE SOLITONS
- (71) **ALCATEL** [FR/FR]; 54, rue de la Boétie, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BIGO, Sébastien** [FR/FR]; 17, rue Sainte Geneviève, F-91120 Palaiseau (FR). **DUCELLIER, Thomas** [FR/CA]; Apartment 3, 299, rue Bruyère, Ottawa, Ontario K1N 5E5 (CA).
- (74) **LAMOUREUX, Bernard** et al. / etc.; Compagnie Financière Alcatel DPI, 30, avenue Kleber, F-75016 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).

- (11) **WO 98/50825** (13) A1
- (21) PCT/US97/08605
- (22) **9 May/mai 1997 (09.05.1997)**
- (25) en (26) en
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G03B 11/00**
- (54) ● IMAGE MODIFIERS FOR USE IN PHOTOGRAPHY
● MODIFICATEUR D'IMAGES A USAGE PHOTOGRAPHIQUE
- (71) **MORNING PRODUCTIONS** [US/US]; 605 Eleven O'Clock Road, Fairfield, CT 06430 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (71, 72) **HYLEN, Steven, H., L.** [US/US]; 67 Catamount Road, Fairfield, CT 06430 (US).
- (74) **SULLIVAN, Scott, L.** et al. / etc.; Darby & Darby P.C., 805 Third Avenue, New York, NY 10022 (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 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).

- (11) **WO 98/50826** (13) A1
- (21) PCT/US98/09180
- (22) **5 May/mai 1998 (05.05.1998)**
- (25) en (26) en
- (31) 08/850,939 (32) **5 May/mai 1997 (05.05.1997)** (33) US
- (31) 09/006,120 (32) **12 Jan/jan 1998 (12.01.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G03B 11/04, G02B 21/00, 5/00, B65D 85/38**
- (54) ● DRAPE FOR A SURGICAL MICROSCOPE WITH ANTI-HALATION WINDOW
● CHAMP STERILE POUR MICROSCOPE CHIRURGICAL AVEC FENETRE ANTIHALO
- (71) **GLOBAL SURGICAL CORPORATION** [US/US]; 3610 Tree Court Industrial Boulevard, St. Louis, MO 63122 (US).
- (72) **KLEINBERG, Larry, K.**; 16322 Peppermill Drive, Chesterfield, MO 62005 (US). **JOHN, Nicholas, E.**; 6111 Magnolia, St. Louis, MO 63139 (US).
- (74) **WHELOCK, Bryan, K.**; Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth Boulevard, St. Louis, MO 63105 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50827** (13) A2
- (21) PCT/US98/05579
- (22) **20 Mar/mar 1998 (20.03.1998)**
- (25) en (26) en
- (31) 08/850,208 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G03B 21/00**
- (54) ● MULTI-COLOR LASER PROJECTOR FOR OPTICAL LAYUP TEMPLATE AND THE LIKE
● PROJECTEUR LASER MULTICOLEURE POUR MODELES OPTIQUES D'EMPLIAGE ET ANALOGUES
- (71) **GENERAL SCANNING, INC.** [US/US]; 500 Arsenal Street, Watertown, MA 02172 (US).
- (72) **DILLON, Robert, F.**; 51 Bow Street, Stoneham, MA 02180 (US). **TREPAGNIER, Pierre, C.**; 150 Brook Street, Medford, MA 02155-2345 (US).
- (74) **MROSE, James, E.**; Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804 (US).
- (81) DE GB JP.

- (11) **WO 98/50828** (13) A1
- (21) PCT/GB98/00964
- (22) **1 Apr/avr 1998 (01.04.1998)**
- (25) en (26) en

- (31) 9708815.7 (32) **1 May/mai 1997 (01.05.1997)** (33) GB
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G03G 9/08, C08J 3/12**
- (54) ● PROCESS FOR MAKING PARTICULATE COMPOSITIONS
● PROCEDE DE FABRICATION DE COMPOSITIONS PARTICULAIRES
- (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) **BEDELLS, Alison, Dawn** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB). **EDWARDS, Martin, Russell** [GB/GB]; Hexagon House, P.O. Box 42, Blackley, Manchester M9 8ZS (GB). **MORRIS, Daniel, Patrick** [GB/GB]; Leeds Road, P.O. Box A38, Huddersfield, West Yorkshire HD2 1FF (GB). **ABHINA, Kumar** [GB/GB]; Leeds Road, P.O. Box A38, Huddersfield, West Yorkshire HD2 1FF (GB). **WOOD, William, Malcolm, Logan** [GB/GB]; Leeds Road, P.O. Box A38, Huddersfield, West Yorkshire HD2 1FF (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 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).

- (11) **WO 98/50829** (13) A1
- (21) PCT/CH98/00184
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) fr (26) fr
- (31) 1064/97 (32) **7 May/mai 1997 (07.05.1997)** (33) CH
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G04B 19/24**
- (54) ● MECHANICAL SYSTEM INDICATING LARGE SIZE CALENDAR DATE FOR WATCH AND SMALL CLOCK MOVEMENTS
● SYSTEME MECANIQUE D'INDICATION DU QUANTIEME DE GRAND FORMAT POUR MOUVEMENTS DE MONTRES ET PENDULETTES
- (71, 72) **JOURNE, François-Paul** [FR/CH]; 13, rue de la Cité, CH-1204 Genève (CH).
- (74) **PERRET, Nicolas**; 28b, route de Denges, CH-1027 Lonay (CH).
- (81) CA 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 98/50830** (13) A1
- (21) PCT/US98/08399
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) en (26) en
- (31) 60/046,842 (32) **5 May/mai 1997 (05.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G05B 11/01, 9/02, 19/42, G06F 19/00**

(54) ● METHOD AND SYSTEM FOR CONTROL SYSTEMS AUTHORIZING

● PROCEDE ET SYSTEME DE CREATION DE SYSTEMES DE COMMANDE

(71) **INTELLINET, INC.** [US/US]; 2900 South Horse-shoe Drive, Naples, FL 34104 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STEIN, Michael** [US/US]; 10862 Longshore Way West, Naples, FL 34104 (US).

(74) **MARCOU, George, T.**; Kilpatrick Stockton LLP, Suite 800, 700 13th Street, 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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(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/850,288 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G05B 13/04**

(54) ● SYSTEM AND METHODS FOR GLOBALLY OPTIMIZING A PROCESS FACILITY

● SYSTEME ET PROCEDES PERMETTANT UNE OPTIMISATION GLOBALE D'UNE INSTALLATION DE TRAITEMENT

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza – MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

(72) **LU, Zhuxin, J.**; 2500 West Union Hills, Phoenix, AZ 85023 (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).

(11) **WO 98/50832** (13) A1

(21) PCT/US98/09139

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/851,590 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G05B 13/04**

(54) ● SYSTEMS AND METHODS USING BRIDGE MODELS TO GLOBALLY OPTIMIZE A PROCESS FACILITY

● SYSTEMES ET PROCEDES UTILISANT DES MODELES DE PASSERELLES POUR OPTIMISER GLOBALEMENT UNE INSTALLATION DE TRAITEMENT

(71) **HONEYWELL INC.** [US/US]; Honeywell Plaza – MN12–8251, P.O. Box 524, Minneapolis, MN 55440–0524 (US).

(72) **LU, Zhuxin, J.**; 2500 West Union Hills, Phoenix, AZ 85023 (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).

(11) **WO 98/50833** (13) A1

(21) PCT/US98/09266

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/852,102 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G05B 19/042**

(54) ● RF BASE REPEATER FOR AUTOMATED RESIDENCE MANAGEMENT SYSTEM

● REPETEUR R.F. POUR SYSTEME AUTOMATISE DE GESTION D'UN ENSEMBLE RESIDENTIEL

(71) **GAS RESEARCH INSTITUTE** [US/US]; 8600 West Bryn Mawr Avenue, Chicago, IL 60631 (US).

(72) **RUSS, Robert, M.**; 12374 Melody Lane, Los Altos Hills, CA 94022 (US). **BASSETT, William, W.**; 825 East Liberty Drive, Wheaton, IL 60187 (US). **GLORIOSO, Charles, A.**; 4350 Lawrence Drive, Castro Valley, CA 94546 (US).

(74) **PAULEY, Douglas, H.** et al. / etc.; Suite 365, 2800 West Higgins Road, Hoffman Estates, IL 60195 (US).

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

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(11) **WO 98/50834** (13) A1

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(25) en (26) en

(31) 08/851,644 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G05B 19/409, B25J 9/16**

(54) ● DISTRIBUTED INTERFACE ARCHITECTURE FOR PROGRAMMABLE INDUSTRIAL CONTROL SYSTEMS

● ARCHITECTURE D'INTERFACE REPARTIE POUR SYSTEMES DE COMMANDE INDUSTRIELS PROGRAMMABLES

(71) **CONTROL TECHNOLOGY CORPORATION** [US/US]; 25 South Street, Hopkinton, MA 017481 (US).

(72) **CRATER, Kenneth, C.**; 116 Brigham Hill Road, North Grafton, MA 01536 (US). **GOLDMAN, Craig, E.**; 11 Woodcrest Road, Westborough, MA 01581 (US).

(74) **FRANK, Steven, J.** et al. / etc.; Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, MA 02110 (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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(11) **WO 98/50835** (13) A1

(21) PCT/US98/08070

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

(25) en (26) en

(31) 08/846,467 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G05B 19/418**

(54) ● PROGRAMMABLE CONTROLLER INCLUDING DIAGNOSTIC AND SIMULATION FACILITIES

● CONTROLEUR PROGRAMMABLE POSSEDANT DES FONCTIONNALITES DE DIAGNOSTIC ET DE SIMULATION

(71) **CONTROL TECHNOLOGY CORPORATION** [US/US]; 25 South Street, Hopkinton, MA 017481 (US).

(72) **CRATER, Kenneth, C.**; 116 Brigham Hill Road, North Grafton, MA 01536 (US). **PIERSON, Daniel, L.**; 29 Vinal Street, Hudson, MA 01702 (US).

(74) **FRANK, Steven, J.** et al. / etc.; Cesari and McKenna, LLP, 30 Rowes Wharf, Boston, MA 02110 (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).

(11) **WO 98/50836** (13) A1

(21) PCT/IB98/00408

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

(25) en (26) en

(31) 97201314.8 (32) **2 May/mai 1997 (02.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G05D 23/20, D06F 75/26, A47J 27/21, 37/12, H05B 3/68**

(54) ● THERMAL APPLIANCE HAVING AN ELECTRICALLY HEATED HEATING PLATE AND A PLURALITY OF TEMPERATURE SENSORS SPACED APART ON THE HEATING PLATE

● APPAREIL THERMIQUE EQUIPE D'UNE PLAQUE CHAUFFANTE ELECTRIQUE ET D'UNE SERIE DE CAPTEURS THERMIQUES DISPOSES DE MANIERE ESPACEE SUR LADITE PLAQUE CHAUFFANTE

(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) **NETTEN, Adriaan**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **BARMENTLO, Maarten**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **HESELMANN, Gerardus, J., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

(11) **WO 98/50837** (13) A1

(21) PCT/US98/09303

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/045,568 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(31) 09/054,731 (32) **3 Apr/avr 1998 (03.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G05G 1/00**

(54) ● **SOLID FINNED ROTOR FOR CALIPER DISC BRAKES AND THE LIKE**
● **ROTOR MONOBLOC A AILETTES POUR FREINS A DISQUE A COMPAS ET ANALOGUES**

(71) **HAYES LEMMERZ INTERNATIONAL, INC.** [US/US]; 38481 Huron River Drive, Romulus, MI 48174 (US).

(72) **DICKERSON, Weston, E.**; 1656 Pleasant Valley, Milford, MI 48380 (US).

(74) **FLOYD, Patrick, D.**; Marshall & Melhorn, 8th floor, Four Seagate, Toledo, OH 43604 (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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50838** (13) A2

(21) PCT/IL98/00174

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

(25) en (26) en

(31) 08/850,690 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(31) 123479 (32) **26 Feb/fév 1998 (26.02.1998)** (33) IL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F**

(54) ● **A METHOD AND SYSTEM FOR PROVIDING ON-LINE INTERACTIVITY OVER A SERVER-CLIENT NETWORK**

● **PROCEDE ET SYSTEME SERVANT A ETABLIR UNE INTERACTIVITE EN LIGNE PAR L'INTERMEDIAIRE D'UN RESEAU SERVEUR-CLIENT**

(71) **LIVE PICTURE, INC.** [US/US]; 910 East Hamilton Avenue, Campbell, CA 95008 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GUELDALIA, Isaac, David** [IL/IL]; Shimon Street 80, 99000 Bet Shemesh (IL). **HASHKES, Jonathan** [IL/IL]; Shmaryahu Levin 20, 96664 Jerusalem (IL). **GUEDALIA, Jacob, Leon** [IL/IL]; Haporzim Street 24, 92541 Jerusalem (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).

(11) **WO 98/50839** (13) A2

(21) PCT/US98/08450

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

(25) en (26) en

(31) 08/838,938 (32) **23 Apr/avr 1997 (23.04.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F**

(54) ● **SYSTEM FOR DATA MANAGEMENT BASED ON HAND GESTURES**
● **SYSTEME DE GESTION DE DONNEES BASE SUR LES GESTES DE LA MAIN**

(71) **MODERN CARTOONS, LTD.** [US/US]; Studio #12, 228 Main Street, Venice, CA 90291 (US).

(74) **SHERMAN, Kenneth, L.**; Sherman & Sherman, Suite 1700, 2029 Century Park East, Los Angeles, CA 90067 (US).

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

(11) **WO 98/50840** (13) A2

(21) PCT/US98/09490

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/852,958 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F**

(54) ● **SYSTEM FOR THE DISTRIBUTION OF NARCOTICS**
● **SYSTEME DE DISTRIBUTION DE STUPEFIANTS**

(71) **PINNACLE INTELLECTUAL PROPERTY SERVICES-INTERNATIONAL, INC.** [US/US]; Suite 260, 2030 East Flamingo Road, Paradise Valley, NV 89119 (US).

(72) **KING, James, H.**; 1627 Winsome Drive, Escondido, CA 92029 (US). **SALOON, George, T.**; 100 South Broadway, Scottsdale, PA 15683 (US).

(74) **STEFFENSMEIER, Michael, D.**; Cardinal Health, Inc., 5555 Glendon Court, Dublin, OH 43016 (US).

(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).

(11) **WO 98/50841** (13) A1

(21) PCT/EP98/02591

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

(25) en (26) en

(31) 9708911.4 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 1/00**

(54) ● **SYSTEM, METHOD AND APPARATUS FOR THE PREVENTION OF UNAUTHORISED DATA DOWNLOAD**

● **SYSTEME, PROCEDE ET APPAREIL POUR EVITER LE TELECHARGEMENT NON AUTORISE DE DONNEES**

(71) **MOTOROLA LTD.** [GB/GB]; Jays Close, Viabes Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).

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

(72, 75) **ROBINSON, William, Neil** [GB/GB]; 15 Wentworth Close, Weybourne, Farnham, Surrey GU9 9HH (GB).

(74) **IBBOTSON, Harry et al.** / etc.; Motorola, European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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)

(11) **WO 98/50842** (13) A1

(21) PCT/US98/08374

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

(25) en (26) en

(31) 08/848,963 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 1/00**

(54) ● **METHOD AND APPARATUS FOR SECURE PROCESSING OF CRYPTOGRAPHIC KEYS**

● **PROCEDE ET APPAREIL DE TRAITEMENT PROTEGE DE CLES DE CHIFFREMENT**

(71) **PHOENIX TECHNOLOGIES LTD.** [US/US]; 411 East Plumeria Drive, San Jose, CA 95134 (US).

(72) **VU, Son, Trung**; 5171 McFadden Avenue, Huntington Beach, CA 92649 (US). **PHAN, Quang**; 13281 Saratoga Drive, Tustin, CA 92782 (US).

(74) **GESS, Albin, H.;** Price, Gess & Ubell, Suite 250, 2100 S.E. Main Street, Irvine, CA 92614 (US).

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

(11) **WO 98/50843** (13) A1

(21) PCT/US98/08927

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,601 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 1/00**

(54) ● PROCESS-LEVEL DATA SECURITY SYSTEM
● SYSTEME DE SECURITE DE DONNEES AU NIVEAU DES PROCESSUS

(71) **NETWORK ASSOCIATES, INC.** [US/US]; 3965 Freedom Circle, Santa Clara, CA 95054 (US).

(72) **SPILO, Michael, L.;** 248 East 31st Street, New York, NY 10016 (US).

(74) **FELLER, Mitchell, S.;** 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50844** (13) A1

(21) PCT/US98/08012

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

(25) en (26) en

(31) 08/852,174 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 1/06, 1/26, 1/32**

(54) ● PROCESSOR WITH SLEEP AND DEEP SLEEP MODES
● PROCESSEUR AVEC MODES SOMMEIL ET SOMMEIL PROFOND

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).

(72) **WANG, Tsan-Kuen;** 72 Lonetree Court, Milpitas, CA 95035 (US). **HUANG, Samson, X.;** 20093 Wheaton Drive, Cupertino, CA 95014 (US). **CHOUDHURY, Mustafiz, R.;** 1260 Vicente Drive #F, Sunnyvale, CA 94086 (US). **GROCHOWSKI, Edward, T.;** 5565 Yale Drive, San Jose, CA 95118 (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).

Published / Publiée : (c)

(11) **WO 98/50845** (13) A1

(21) PCT/US98/07236

(22) **10 Apr/avr 1998 (10.04.1998)**

(25) en (26) en

(31) 08/852,438 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 1/12, 13/00**

(54) ● SOURCE SYNCHRONOUS INTERFACE BETWEEN MASTER AND SLAVE USING A DESK LATCH
● INTERFACE MAITRE-ASSERVI A SYNCHRONISME SOURCE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).

(72) **MACWILLIAMS, Peter;** 20145 S.W. Nancy Lane, Aloha, OR 97007 (US). **PRASAD, Bindi;** 2060 Fallenleaf Lane, Los Altos, CA 94024 (US). **KHARE, Manoj;** 575 E. Remington Drive #6B, Sunnyvale, CA 94087 (US). **SAMPATH, Dilip;** 193 Sunset Avenue, Sunnyvale, CA 94086 (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 98/50846** (13) A1

(21) PCT/US98/01519

(22) **27 Jan/jan 1998 (27.01.1998)**

(25) en (26) en

(31) 08/841,858 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 1/18, 12/08**

(54) ● METHOD AND APPARATUS FOR MAINTAINING CACHE COHERENCY IN AN INTEGRATED CIRCUIT OPERATING IN A LOW POWER STATE

● PROCEDE ET APPAREIL DE MAINTIEN DE LA COHERENCE D'UNE ANTEMEMOIRE DANS UN CIRCUIT INTEGRE FONCTIONNANT DANS UN ETAT DE FAIBLE PUISSANCE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **KARDACH, James, P.;** 20271 La Paloma Avenue, Saratoga, CA 95070 (US). **HORIGAN, John;** 1209 Villa Street, Mountain View, CA 94041 (US). **EAKAMBARAM, Ravi;** 1758 April Song Court, San Jose, CA 95131 (US). **NAKANISHI, Tosaku;** 23 N.E. Tandem Way #183, Hillsboro, OR 97124 (US). **CHUNG, Chih-Hung;** 2534 Wickham Place, Santa Clara, CA 95051 (US). **SENYK, Borys, S.;** 1020 Polk Lane, San Jose, CA 95117 (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 DE DK ES FI FR 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 98/50847** (13) A1

(21) PCT/US98/02054

(22) **4 Feb/fév 1998 (04.02.1998)**

(25) en (26) en

(31) 08/854,185 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 1/20, H05K 7/20**

(54) ● KEYBOARD HAVING AN INTEGRAL HEAT PIPE
● CLAVIER A CALODUC SOLIDAIRE

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95052 (US).

(72) **BHATIA, Rakesh;** 3225 Delta Road, San Jose, CA 95135 (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 DE DK ES FI FR 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 98/50848** (13) A1

(21) PCT/GB98/01116

- (22) **1 May/mai 1998 (01.05.1998)**
- (25) en (26) en
- (31) 9709001.3 (32) **3 May/mai 1997 (03.05.1997)** (33) GB
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G06F 3/00, H04N 5/445, 7/10**
- (54) ● HOME NETWORKING APPARATUS AND SYSTEMS
● DISPOSITIF ET SYSTEME DE RESEAU DOMESTIQUE
- (71) **DANMERE LIMITED** [GB/GB]; Whitehall, 75 School Lane, Hartford, Northwich, Cheshire CW8 1PF (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72) 75 **AUSTIN, Kenneth** [GB/GB]; Weaverham Grange, 7 Beachwood Avenue, Hartford, Cheshire CW8 3AR (GB).
- (74) **ELLIS, Kate**; 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50849** (13) A1
- (21) PCT/US98/07638
- (22) **28 Apr/avr 1998 (28.04.1998)**
- (25) en (26) en
- (31) 08/848,481 (32) **8 May/mai 1997 (08.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G06F 3/023**
- (54) ● METHOD AND APPARATUS FOR SPLIT KEYBOARD CONTROL
● PROCEDE ET APPAREIL DE COMMANDE DE CLAVIERS A PLUSIEURS MODULES
- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, Research Triangle Park, NC 27709 (US).
- (72) **GRIFFIN, Lee, Daniel**; 8624 Harbor Road, Raleigh, NC 27615 (US). **CAMPITELLO, Robert, Anthony**; 200 D Lake Front Drive, Raleigh, NC 27613 (US).
- (74) **GRUDZIECKI, Ronald, L.** 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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- (11) **WO 98/50850** (13) A2
- (21) PCT/IB98/00672
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 97201356.9 (32) **7 May/mai 1997 (07.05.1997)** (33) EP
- (34) NL et al. / etc.
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G06F 5/06, H04N 5/907, G11B 27/10**
- (54) ● DEVICE PROVIDED WITH A RECORDING UNIT AND A MEMORY
● DISPOSITIF DOTE D'UNE UNITE D'ENREGISTREMENT ET D'UNE MEMOIRE
- (71) **KONINKLIJKE PHILIPS ELECTRONICS N.V.** [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (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). **DENISEN, Adrianus, Johannes, Maria** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **NIESEN, Erik, Peter, Maria** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **TOL, Ronald, Marcel** [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 HU ID JP KR MX RU 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 98/50851** (13) A1
- (21) PCT/IL98/00148
- (22) **29 Mar/mar 1998 (29.03.1998)**
- (25) en (26) en
- (31) 120776 (32) **4 May/mai 1997 (04.05.1997)** (33) IL
- (31) 121311 (32) **14 Jul/juil 1997 (14.07.1997)** (33) IL
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G06F 7/37, 1/02, 7/52**
- (54) ● IMPROVED APPARATUS & METHOD FOR MODULAR MULTIPLICATION & EXPONENTIATION BASED ON MONTGOMERY MULTIPLICATION
● DISPOSITIF ET PROCEDE AMELIORES DE MULTIPLICATION MODULAIRE ET D'EXPONENTIATION BASES SUR UNE MULTIPLICATION DE MONTGOMERY
- (71) **FORTRESS U & T LTD.** [IL/IL]; Yehoshua Hatsoref Street 34, 84001 Beer Sheva (IL).
(for all designated States except / pour tous les États désignés sauf US)
- (72) 75 **HADAD, Isaac** [IL/IL]; Hashalom Street 105, 84434 Beer Sheva (IL). **ARAZI, Benjamin** [IL/IL]; Sigalon Street 38, 84965 Omer (IL). **GRESSEL, Carmi, David** [IL/IL]; Kibbutz Urim, 85530 Mobile Post Negev (IL). **DROR, Itai** [IL/IL]; Mivtza Nachson Street 78/32, 84451 Beer Sheva (IL).
- (74) **COLB, Sanford, T.** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (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 98/50852** (13) A1
- (21) PCT/US98/08719
- (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) en (26) en
- (31) 60/045,951 (32) **8 May/mai 1997 (08.05.1997)** (33) US
- (31) 08/965,540 (32) **6 Nov/nov 1997 (06.11.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G06F 9/38**
- (54) ● HARDWARE ACCELERATOR FOR AN OBJECT-ORIENTED PROGRAMMING LANGUAGE
● ACCELERATEUR DE MATERIEL POUR LANGAGE DE PROGRAMMATION ORIENTE OBJET
- (71) **iREADY CORPORATION** [US/US]; Suite 200, 2903 Bunker Hill Lane, Santa Clara, CA 95054 (US).
- (72) **POFF, Thomas, C.**; 2250 Homestead Court #204, Los Altos, CA 94024 (US). **MINAMI, John, Shigeto**; Suite 428, 330 Elan Village Lane, San Jose, CA 95134 (US). **KOYAMA, Ryo**; 343 Hawthorne, Palo Alto, CA 94301 (US).
- (74) **GLENN, Michael, A.** et al. / etc.; Law Offices of Michael A. Glenn, P.O. Box 7831, Menlo Park, CA 94026 (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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- Published / Publiée : (c)
- (11) **WO 98/50853** (13) A1
- (21) PCT/US97/08065
- (22) **8 May/mai 1997 (08.05.1997)**
- (25) en (26) en
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **G06F 9/44, 1/00, 12/14**
- (54) ● NETWORK DESKTOP MANAGEMENT SECURITY SYSTEM AND METHOD
● SYSTEME DE SECURITE DE LA GESTION DE BUREAU ELECTRONIQUE A TRAVERS UN RESEAU ET PROCEDE CORRESPONDANT
- (71) **PINNACLE TECHNOLOGY, INC.** [US/US]; P.O. Box 128, Kirklin, IN 46050 (US).

(72) **DIRCKS, Charles, E.**; 950 East Armstrong Street, Frankfort, IN 46041 (US). **OSMANN, Eric, E.**; 14735 Maggie Ridge Lane, Black Forest, CO 80908 (US).

(74) **ERDMAN, Kevin, R.** et al. / etc.; Baker & Daniels, Suite 800, 111 East Wayne Street, Fort Wayne, IN 46802 (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).

(11) **WO 98/50854** (13) A1

(21) PCT/US98/09358

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/853,029 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 9/45**

(54) ● METHOD OF RECOVERING SOURCE CODE FROM OBJECT CODE
● PROCEDE DE RECUPERATION DE CODE SOURCE A PARTIR D'UN CODE OBJET

(71) **THE SOURCE RECOVERY COMPANY, LLC.** [US/US]; 20 Speen Street, Framingham, MA 01701 (US).

(72) **BRANDES, Frederick, A.**; 1070 Applecross Drive, Roswell, GA 30075 (US).

(74) **DINGMAN, Brian, M.**; Niels, Lemack & Dingman, Suite 8, 176 East Main Street, Westboro, MA 01581 (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 98/50855** (13) A1

(21) PCT/US98/08801

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

(25) en (26) en

(31) 60/045,701 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(31) 09/069,352 (32) **29 Apr/avr 1998 (29.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 9/46**

(54) ● METHOD FOR SCHEDULING THREAD EXECUTION ON A LIMITED NUMBER OF OPERATING SYSTEM THREADS
● PROCEDE DE PROGRAMMATION DE L'EXECUTION DE CHEMINEMENTS PORTANT SUR UN NOMBRE LIMITE DE CHEMINEMENTS D'UN SYSTEME D'EXPLOITATION

(71) **MANGOSOFT CORPORATION** [US/US]; Suite 360, 1500 West Park Drive, Westborough, MA 01581 (US).

(72) **DIETTERICH, Daniel, J.**; 4 Cedar Terrace, Acton, MA 01720 (US). **CARTER, John, B.**; 414 Douglas Street, Salt Lake City, UT 84102 (US). **DAVIS, Scott, H.**; 136 Riverbend Road, Groton, MA 01450 (US). **FRANK, Steven, J.**; 6 Tiffany Trail, Hopkinton, MA 01748 (US). **HANSEN, Thomas, G.**; 16 Stone Hedge Drive, Leominster, MA 01453 (US). **LEE, Hsin, H.**; 7 Francine Road, Acton, MA 01720 (US).

(74) **TOSTI, Robert, J.**; Testa, Hurwitz & Thibeault, LLP, High Street Tower, 125 High Street, Boston, MA 02110 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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) 08/852,487 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 11/00**

(54) ● NON-INTRUSIVE POWER CONTROL FOR COMPUTER SYSTEMS
● COMMANDE D'ALIMENTATION SANS EFFETS PERTURBATEURS POUR SYSTEMES INFORMATIQUES

(71) **GENERAL DYNAMICS INFORMATION SYSTEMS, INC.** [US/US]; 8800 Queen Avenue, Bloomington, MN 55431 (US).

(72) **FUCHS, Stephen**; 660 Connestoga Trail, Chanhasen, MN 55317 (US). **WARDROP, Andrew, J.**; 17327 Judicial Road, Lakeview, MN 55044 (US).

(74) **BURTON, Carol, W.** et al. / etc.; Holland & Hart L.L.P., Suite 3200, 555 17th Street, P.O. Box 8749, Denver, CO 80201-8749 (US).

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

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(31) 08/853,276 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 11/10**

(54) ● PROGRAMMABLE UNIVERSAL TEST INTERFACE AND METHOD FOR MAKING THE SAME
● INTERFACE D'ESSAI UNIVERSELLE PROGRAMMABLE ET SON PROCEDE DE FABRICATION

(71) **ARTISAN COMPONENTS, INC.** [US/US]; 1195 Bordeaux, Sunnyvale, CA 94089-1210 (US).

(72) **KORNACHUK, Steve, P.**; 1573 Woodmeadow Court, San Jose, CA 95131 (US). **SILVER, Craig, R.**; 877 Lily Avenue, Cupertino, CA 95014 (US). **BECKER, Scott, T.**; 1661 Queens Crossing Drive, San Jose, CA 95132 (US).

(74) **PENILLA, Albert, S.**; Hickman & Martine, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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) 08/853,968 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 11/10, 3/06**

(54) ● METHOD OF INCREASING THE STORAGE CAPACITY OF A LEVEL FIVE RAID DISK ARRAY, AND EXPANDED ARRAY PRODUCED BY SUCH METHOD

● PROCEDE PERMETTANT D'ACCROITRE LA CAPACITE DE STOCKAGE D'UN SYSTEME DE DISQUES DE TYPE RAID DE NIVEAU CINQ, ET SYSTEME ETENDU PRODUIT A L'AIDE DE CE PROCEDE

(71) **UNISYS CORPORATION** [US/US]; Township Line and Union Meeting Roads, P.O. Box 500, Blue Bell, PA 19424-0001 (US).

(72) **LEGG, Christopher, B.**; 1926 South Ditmer Street, Oceanside, CA 92054 (US).

(74) **STARR, Mark**; Unisys Corporation, Township Line and Union Meeting Roads, P.O. Box 500, Blue Bell, PA 19424-0001 (US).

(81) AU DE GB 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 98/50859** (13) A1

(21) PCT/SE98/00806

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(31) 08/851,875 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 11/14**

(54) ● ELECTRONIC SYSTEM HAVING A CHIP INTEGRATED POWER-ON RESET CIRCUIT WITH GLITCH SENSOR

● SYSTEME ELECTRONIQUE POSSEDANT UN CIRCUIT DE REMISE A ZERO INTEGRE A PUCE ET DOTE D'UN DETECTEUR DE POINTE DE TENSION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).

(72) **MARHOLEV, Bojko, Frederik**; Lilla Södergatan 17:10, S-223 53 Lund (SE). **GÄRDENFÖRS, Karl, Håkan, Torbjörn**; Korsettsgatan 24 A, S-211 50 Malmö (SE). **BJÖRK, Christian**; Vårvädersvägen 4 D, S-222 27 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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(21) PCT/US98/08892

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(31) 08/850,686 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 12/00, 13/00, 13/14**

(54) ● **MULTIPOINTED BYPASS CACHE**

● **MEMOIRE CACHE DE DERIVATION A ACCES MULTIPLES**

(71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).

(72) **CURTIS, Steve, M.**; 2912 13th Place, Forest Grove, OR 97116 (US). **MURRAY, Robert, J.**; 12791 N.W. Lorraine Drive, Portland, OR 97229 (US). **OPIE, Helen**; 2000 N.W. 28th Place, Portland, OR 97210 (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 98/50861** (13) A1

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(31) 08/850,846 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 13/00**

(54) ● **AUTOMATIC DOWNLOAD OF DEVICE DRIVERS OVER A NETWORK**

● **TELECHARGEMENT AUTOMATIQUE DES MODULES DE GESTION DE PERIPHERIQUES SUR UN RESEAU**

(71) **WEBTV NETWORKS, INC.** [US/US]; 305 Lytton Avenue, Palo Alto, CA 94301 (US).

(72) **PERLMAN, Stephen, G.**; 721 Tiana Lane, Mountain View, CA 94041 (US). **BUCHER, Tim**; 305 Lytton Avenue, Palo Alto, CA 94301 (US).

(74) **NYDEGGER, Rick, D.** et al. / etc.; Workman, Nydegger & Seeley, 1000 Eagle Gate Tower, 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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50862** (13) A1

(21) PCT/US98/08721

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(31) 08/853,035 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 13/00**

(54) ● **APPARATUS AND METHOD FOR NETWORK ACCESS USING A SET TOP BOX AND TELEVISION**

● **APPAREIL ET PROCEDE D'ACCES A UN RESEAU A L'AIDE D'UN COFFRET D'ABONNE ET D'UN TELEVISEUR**

(71) **GTE MAIN STREET INCORPORATED** [US/US]; 1209 Orange Street, Wilmington, DE 19801 (US).

(72) **LIN, Eric**; 227 Fords Road, Westwood, MA 02090 (US). **WAN, Howard, S., K.**; 32 Lawrence Lane, Lexington, MA 02173 (US).

(74) **ANDERSON, Floyd, E.** et al. / etc.; GTE Service Corporation, 600 Hidden Ridge, HQE03G13, Irving, TX 75038 (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 98/50863** (13) A1

(21) PCT/US98/08679

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

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(31) 08/850,782 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 15/16, 11/30**

(54) ● **AN IMPROVED METHOD FOR PROVIDING AN INTERNET PROTOCOL ADDRESS WITH A DOMAIN NAME SERVER**

● **PROCEDE AMELIORE DE PRODUCTION D'UNE ADRESSE DE PROTOCOLE INTERNET AVEC UN SERVEUR DE NOM DE DOMAINE**

(71) **WHOWHERE? INC.** [US/US]; 2570 W. El Camino Real #309, Mountain View, CA 94040 (US).

(72) **KAPOOR, Rupesh**; 1555 W. Middlefield Road #7, Mountain View, CA 94043-3052 (US).

(74) **SALTER, James, 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 98/50864** (13) A1

(21) PCT/US98/08184

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

(25) en (26) en

(31) 60/045,857 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 09/055,836 (32) **6 Apr/avr 1998 (06.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 15/30**

(54) ● **CHARACTER SET AND PROGRAMMING LANGUAGE EXTENSION FOR ENLARGING THE CAPACITY OF A DATE CODE**

● **JEU DE CARACTERES ET EXTENSION DE LANGAGE DE PROGRAMMATION DESTINES A AUGMENTER LA CAPACITE D'UN CODE DE DATE**

(71, 72) **BEAM, William, N.** [US/US]; 2073 Webster Lane, Des Plaines, IL 60018 (US).

(74) **NETHERY, John, F.** et al. / etc.; McAndrews, Held & Malloy, Ltd., 500 W Madison Street, Chicago, IL 60661 (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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(31) 08/852,081 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 17/00**

(54) ● **NETWORK MANAGEMENT USING BROWSER-BASED TECHNOLOGY**

● **GESTION DE RESEAU UTILISANT UNE TECHNOLOGIE D'EXPLORATEURS**

(71) **WIPRO LIMITED** [US/US]; 1995 El Camino Real #200, Santa Clara, CA 95050 (US).

(72) **PRITHVIRAJ, Narayanan**; "Raviraj", 732, 13th Cross, 7th Block, Jayanagar West, Bangalore 560 082 (IN). **RAGHUNATH, Mandayam, Thondanur**; 10670 North Tantau Avenue #201, Cupertino, CA 95014 (US). **VERMA, Vijaya, Rao**; C-302, Somerset Apartments, 18 Mahatma Gandhi Road, Bangalore 560 001 (IN). **NATARAJAN, Harihara, Vinayakaram**; 72, AECS Layout, I Stage, 6th Main Road, Geddalahalli, Bangalore 560 094 (IN). **NAIR, Harindranath, Prema, Ravindram**; 2378, 1st Main, 3rd Cross, BDA Layout, HAL III Stage, Murugeshpalya, Bangalore 560 017 (IN). **GARGI, Karthik**; 28/1 Venkatappa Road, Tasker Town, Bangalore 560 001 (IN). **SHASHI-KANT, Godbole, Santosh**; 378, Vinayak Nagar, 2nd Main, 6th Cross, Bangalore 560 017 (IN). **RAVINDRAN, Viji, Kakkattur**; Viscotti Residency, Sanjivini Sadan, 8th Cross, Margosa Road, Malle-shwaram, Bangalore 560 003 (IN).

(74) **SOKOHL, Robert, E.** et al. / etc.; Sterne, Kessler, Goldstein & Fox P.L.L.C., Suite 600, 1100 New York Avenue, N.W., Washington, DC 20005-3934 (US).

(81) 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) 08/852,099 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 17/30**

(54) ● SYSTEM AND METHOD FOR STORING AND MANIPULATING DATA IN AN INFORMATION HANDLING SYSTEM

● SYSTEME ET PROCEDE DE MISE EN MEMOIRE ET DE MANIPULATION DE DONNEES DANS UN SYSTEME DE MANIPULATION D'INFORMATIONS

(71) **BIRDSTEP TECHNOLOGY AS** [NO/NO]; Haakon Vlls gate 6, N-0161 Oslo (NO).

(72) **VETHE, Olaf**; Gamlelinja 49B, N-1254 Oslo (NO).

(74) **OSLO PATENTKONTOR AS**; Postboks 7007 M, N-0306 Oslo (NO).

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

(11) **WO 98/50867** (13) A1

(21) PCT/US98/08339

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

(25) en (26) en

(31) 08/853,108 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 17/30**

(54) ● SYSTEM AND METHOD FOR PERFORMING JOINS AND SELF-JOINS IN A DATABASE SYSTEM

● SYSTEME ET PROCEDE PERMETTANT D'EFFECTUER DES REUNIONS ET DES REUNIONS AUTOMATIQUES DANS UN SYSTEME DE BASE DE DONNEES

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

(72) **ROSS, Kenneth, A.**; Apartment 64, 518 111th Street, New York, NY 10025 (US). **LEI, Hui**; Apartment 82, 511 West 113th, New York, NY 10025 (US).

(74) **TANG, Henry** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (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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(21) PCT/US98/08666

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(31) 08/850,490 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 17/30**

(54) ● APPARATUS AND METHOD FOR CAPTURING AND PROPAGATING CHANGES FROM AN OPERATIONAL DATABASE TO DATA MARTS

● APPAREIL ET PROCEDE PERMETTANT DE CAPTER ET DE PROPAGER DES CHANGEMENTS ENTRE UNE BASE DE DONNEES OPERATIONNELLE ET DES BOURSES DE DONNEES

(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). **GUPTA, Sanjeev, K.**; 825 Evelyn Avenue #328, Sunnyvale, CA 94086 (US). **NESAMONEY, Diaz**; 870 Dolores Street, San Francisco, CA 94110 (US). **MUKHOPADHYAY, Pinaki**; 1661 Albatross Drive, Sunnyvale, CA 94087 (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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(25) en (26) en

(31) 60/045,637 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 17/30, 17/00, 15/00, G06K 9/62**

(54) ● ALGORITHMS AND SYSTEM FOR OBJECT-ORIENTED CONTENT-BASED VIDEO SEARCH

● ALGORITHMES ET SYSTEME DE RECHERCHE VIDEO ORIENTEE OBJET

(71) **THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK** [US/US]; 116th Street and Broadway, New York, NY 10027 (US).

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

(72, 75) **CHANG, Shih-Fu** [-/US]; Apartment 18K, 560 Riverside Drive, New York, NY 10027 (US). **CHEN, William** [US/US]; Apartment 34A, 423 West 112th Street, New York, NY 10027 (US).

MENG, Horace, J. [US/US]; Apartment 9L, 435 West 119th Street, New York, NY 10027 (US). **SUNDARAM, Hari** [IN/US]; Apartment 9D, 434 West 120th Street, New York, NY 10027 (US). **ZHONG, Di** [CN/US]; Apartment 15D, 400 West 119th Street, New York, NY 10027 (US).

(74) **TANG, Henry** et al. / etc.; Baker & Botts, LLP, 30 Rockefeller Plaza, New York, NY 10112-0228 (US).

(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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(31) PO 6617 (32) **6 May/mai 1997 (06.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 17/50**

(54) ● THREE DIMENSIONAL GRAPHICAL DISPLAY GENERATING SYSTEM AND METHOD

● SYSTEME ET PROCEDE PERMETTANT DE GENERER UN AFFICHAGE GRAPHIQUE EN TROIS DIMENSIONS

(71, 72) **FLORENCA, Isaiah** [PT/AU]; 13 Maxwell Street, Beaconsfield, W.A. 6162 (AU).

(74) **VAN WOLLINGEN, Rolf**; Griffith Hack, 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 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).

(11) **WO 98/50871** (13) A1

(21) PCT/IB97/01662

(22) **17 Dec/déc 1997 (17.12.1997)**

(25) en (26) en

(31) 08/852,191 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 17/60**

(54) ● METHOD AND SYSTEM FOR FACILITATING PATIENT CARE PATHS

● PROCEDE ET SYSTEME SERVANT A FACILITER LE PARCOURS CLINIQUE D'UN MALADE

(71) **CLINICOMP INTERNATIONAL, INC.** [US/US]; 9655 Towne Centre Drive, San Diego, CA 92121 (US).

(72) **LANCELOT, Jean, François**; 4480 Robbins Street, San Diego, CA 92122 (US). **BURFORD, Jon, J.**; 1549 Bervy Street, San Diego, CA 92110 (US). **URQUHART, Kristopher, S.**; 10181 Kibler Drive, San Diego, CA 92126 (US).

(74) **KLEINKE, Bernard, L.**; Higgs, Fletcher & Mack LLP, 2000 First National Bank Building, 401 West "A" Street, San Diego, CA 92101-7913 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN; 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 98/50872** (13) A1

(21) PCT/US98/08908

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/042,916 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 19/00**

(54) ● INTER-COOPERATING TOYS

● JOUETS COOPERANT PAR INTERACTION

(71, 72) **DRATMAN, Ralph** [US/US]; 121 Dumas Road, Cherry Hill, NJ 08003 (US).

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

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50873** (13) A1

(21) PCT/US98/08911

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,436 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(31) 60/081,369 (32) **10 Apr/avr 1998 (10.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06F 19/00**

(54) ● CYBER MEDICINE DISEASE MANAGEMENT

● SUIVI DES MALADIES PAR TELEMEDECINE

(63) US 60/045,436 (CIP)
US 2 May/mai 1997 (02.05.1997)
US 60/081,369 (CIP)
10 Apr/avr 1998 (10.04.1998)

(71) **CYBERHEALTH, INC.** [US/US]; 1614 Valmont Street, New Orleans, LA 70115 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **WALKER, Cedric, F.** [US/US]; 2619 Nashville Avenue, New Orleans, LA 70115 (US).
KARP, Edward, W. [US/US]; 1614 Valmont Street, New Orleans, LA 70115 (US).
FINE, Jonathan, M. [US/US]; 10 Bittersweet Road, Weston, CT 06856 (US).

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

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

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(11) **WO 98/50874** (13) A2

(21) PCT/US98/09018

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/854,262 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K**

(54) ● METHOD AND SYSTEM FOR CLIENT/SERVER AND PEER-TO-PEER DISK IMAGING

● PROCEDE ET SYSTEME DE COPIE DE CONTENUS DE DISQUES EN MODE CLIENT-SERVEUR OU EN MODE EGAL A EGAL

(71) **KEYLABS, INC.** [US/US]; 633 South 550 East, Provo, UT 84606 (US).

(72) **TURPIN, Kevin, J.**; 1154 N. 660 W., Orem, UT 84057 (US).
CLARK, Christopher, P.; 969 Pasque Drive, Salt Lake City, UT 84123 (US).

(74) **SADLER, Lloyd, W.** et al. / etc.; McCarthy & Sadler, LC, Suite 100, 39 Exchange Place, 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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50875** (13) A2

(21) PCT/US98/09770

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,012 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K**

(54) ● BIOMETRIC CERTIFICATES

● CERTIFICATS BIOMETRIQUES

(71) **GTE GOVERNMENT SYSTEMS CORPORATION** [US/US]; 1209 Orange Street, Wilmington, DE 19801 (US).
GTE SERVICE CORPORATION [US/US]; 1209 Orange Street, Wilmington, DE 19801 (US).

(72) **DULUDE, Robert**; 14 Lafayette Circle, Wellesley, MA 02181 (US).
MUSGRAVE, Clyde; 3620 Fairfield Place, Frisco, TX 75035 (US).

(74) **SUCHYTA, Leonard, Charles** et al. / etc.; GTE Service Corporation, 600 Hidden Ridge HQE03G05, Irving, TX 75038 (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 LR LS LT LU LV 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 98/50876** (13) A1

(21) PCT/US98/09448

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,955 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K 5/00**

(54) ● MODULAR SIGNATURE AND DATA-CAPTURE SYSTEM
● SYSTEME MODULAIRE DE SAISIE DE SIGNATURE ET DE DONNEES

(71) **PENWARE SYSTEMS, INC.** [US/US]; 500 Oakmead Parkway, Sunnyvale, CA 94086 (US).

(72) **FERNANDO, Llavanya**; 1310 Rimrock Drive, San Jose, CA 95120 (US).
WILLIAMS, Nicholas; 1600 Fell Street #205, San Francisco, CA 94117 (US).
VALLIANI, Aziz; 1111 Tewa Court, Fremont, CA 94539 (US).
RAFI, Abbas; 1546 Wistaria Court, Los Altos, CA 94024 (US).
BUNN, Eric; 409 Allegan Circle, San Jose, CA 95123 (US).

(74) **HERBERT, Thomas, O.** 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 LR LS LT LU LV 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 98/50877** (13) A1

(21) PCT/IB98/00804

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/852,382 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 09/061,406 (32) **16 Apr/avr 1998 (16.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K 9/00, A61B 5/117**

(54) ● SLIDING YARDSTICKS FINGERPRINT ENROLLMENT AND VERIFICATION SYSTEM

● SYSTEME D'ENREGISTREMENT ET DE VERIFICATION D'EMPREINTES DIGITALES A CRITERES GLISSANTS

(71, 72) **DRAGANOFF, Georgi, H.** [CA/CA]; 3235 Shoreline Drive, Oakville, Ontario L6L 5Z1 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY 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 98/50878** (13) A1

(21) PCT/US98/08761

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

(25) en (26) en

(31) 60/045,640 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K 9/00, G06T 7/00**

(54) ● VISUAL RECOGNITION METHOD

● PROCEDE VISUEL DE RECONNAISSANCE

(71) **SHELL OIL COMPANY** [US/US]; Intellectual Property, 900 Louisiana, P.O. Box 2463, Houston, TX 77252-2463 (US).

(72) **BEATTY, David, Andrew**; 3980 Carrigan Court #405, Burnaby, British Columbia V3N 4S6 (CA).

(74) **CHRISTENSEN, Del, S.**; Shell Oil Company, Intellectual Property, 900 Louisiana, P.O. Box 2463, Houston, TX 77252-2463 (US).

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

(11) **WO 98/50879** (13) A2

(21) PCT/IB98/00822

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/851,068 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K 9/20**

(54) ● INEXPENSIVE ADAPTIVE FINGERPRINT IMAGE ACQUISITION FRAMEGRABBER

● DISPOSITIF D'ENREGISTREMENT PAR ACQUISITION D'IMAGES D'EMPREINTES DIGITALES ADAPTATIF ET PEU COUTEUX

(71, 72) **DRAGANOFF, Georgi, H.** [CA/CA]; 3235 Shoreline Drive, Oakville, Ontario L6L 5Z1 (CA).

(72) **TIEDTKE, Torsten**; 4003 Governor's Road, Lynden, Ontario L0R 1T0 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY 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).

(11) **WO 98/50880** (13) A1

(21) PCT/DE98/01051

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

(25) de (26) de

(31) 197 19 469.9 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K 9/66, G07C 9/00**

(54) ● COMPUTER-CONTROLLED ADAPTATION OF REFERENCE DATA BY MEANS OF INPUT DATA

● PROCEDE D'ADAPTATION PAR ORDINATEUR D'UN JEU DE DONNEES DE REFERENCE A L'AIDE D'UN JEU DE DONNEES D'ENTREE

(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) **WIRTZ, Brigitte** [DE/DE]; Erbkamerstrasse 3, D-83607 Holzkirchen (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 98/50881** (13) A2

(21) PCT/US98/08619

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

(25) en (26) en

(31) 08/852,524 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K 11/08**

(54) ● CURSOR CONTROL DEVICE

● DISPOSITIF DE COMMANDE DE CURSEUR

(71) **JACKSON, Robert, E.** [US/US]; 17 Harbor Sight Drive, Rolling Hills Estates, CA 90274 (US).

(74) **LEE, Robert, H.** et al. / etc.; McCutchen, Doyle, Brown & Enersen, Three 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).

(11) **WO 98/50882** (13) A2

(21) PCT/US98/09161

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/850,973 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K 19/06**

(54) ● MULTI-COLORED SYMBOLOGY METHOD AND APPARATUS

● PROCEDE ET APPAREIL POUR SYMBOLOGIE MULTICOLORE

(71) **INTERMEC TECHNOLOGIES CORPORATION** [US/US]; 6001 - 36th Avenue West, Everett, WA 98203-9280 (US).

(72) **ROSS, James, G.**; 22710 Second Avenue, S.E., Bothell, WA 98021 (US). **WIKLOF, Christopher, A.**; 3531 - 99th Street S.E., Everett, WA 98298 (US).

(74) **BERLINER, Brian, M.** et al. / etc.; Graham & James LLP, 14th floor, 801 S. Figueroa Street, Los Angeles, CA 90017-5554 (US).

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

(11) **WO 98/50883** (13) A1

(21) PCT/EP98/02604

(22) **2 May/mai 1998 (02.05.1998)**

(25) de (26) de

(31) 197 19 271.8 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06K 19/077**

(54) ● PROCESS FOR PRODUCING PLASTIC CARDS

● PROCEDE DE PRODUCTION DE CARTES EN PLASTIQUE

(71) **MELZER MASCHINENBAU GMBH** [DE/DE]; Ruhrstrasse 51-55, D-58332 Schwelm (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MELZER, Rainer** [DE/DE]; Kaiserstrasse 24, D-58332 Schwelm (DE). **MELZER, Roland** [DE/DE]; Glatzer Weg 9, D-58332 Schwelm (DE).

(74) **SPARING, Klaus** et al. / etc.; Sparing, Röhl, Heuseler, Postfach 14 04 43, D-40074 Düsseldorf (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 98/50884** (13) A2

(21) PCT/RU98/00133

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

(25) ru (26) ru

(31) 97107572 (32) **6 May/mai 1997 (06.05.1997)** (33) RU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06T**

(54) ● SYSTEM FOR PLACING A SUBJECT INTO VIRTUAL REALITY

● SYSTEME PERMETTANT DE PLACER UN SUJET DANS LA REALITE VIRTUELLE

(71, 72) **LATYPOV, Nurakhmed Nurislamovich** [RU/RU]; 5 Voikovskiy proezd, 10-31, Moscow, 125171 (RU). **LATYPOV, Nurulla Nurislamovich** [RU/RU]; ul. Moldagulovoi, 3-3-3, Moscow, 111538 (RU).

(74) **"SOJUZPATENT"**; ul. Iliinka, 5/2, Moscow, 103735 (RU).

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

(11) **WO 98/50885** (13) A2

(21) PCT/US98/09021

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,069 (32) **9 May/mai 1997 (09.05.1997)** (33) US(31) 09/070,170 (32) **30 Apr/avr 1998 (30.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06T**

- (54) ● METHOD AND APPARATUS FOR PERFORMING GLOBAL IMAGE ALIGNMENT USING ANY LOCAL MATCH MEASURE
- PROCEDE ET SYSTEME POUR REALISER UN ALIGNEMENT D'IMAGE GLOBAL AU MOYEN D'UNE QUELCONQUE MESURE D'ADAPTATION LOCALE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

(72) **ANANDAN, Padmanabhan**; 218 Linden Lane, Princeton, NJ 08540 (US). **IRANI, Michael**; Mohliver Street 10-C, 76304 Rehovot (IL).

(74) **BURKE, William, J.** et al. / etc.; Sarnoff Corporation, 201 Washington Road, CN 5300, Princeton, NJ 08543-5300 (US).

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

(11) **WO 98/50886** (13) A2

(21) PCT/US98/09290

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,915 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06T**

- (54) ● METHOD FOR DATA COMPRESSION
- PROCEDE DE COMPRESSION DE DONNEES

(71) **LANDMARK GRAPHICS CORPORATION** [US/US]; 15150 Memorial Drive, Houston, TX 77079-4304 (US).

(72) **HALE, Ira, D.**; 8003 Douth Oneida Court, Englewood, CO 80112 (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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50887** (13) A1

(21) PCT/JP98/02032

(22) **7 May/mai 1998 (07.05.1998)**

(25) ja (26) ja

(31) 9/116772 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06T 15/00**

(54) ● IMAGE PROCESSOR AND IMAGE PROCESSING METHOD

- PROCESSEUR D'IMAGES ET PROCEDE DE TRAITEMENT D'IMAGES

(71) **SEGA ENTERPRISES, LTD.** [JP/JP]; 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORIOKA, Seisuke** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-0043 (JP).

(74) **INABA, Yoshiyuki** et al. / etc.; TMI Associates, 37 Mori Building, Suite 803, 5-1, Toranomon 3-chome, Minato-ku, Tokyo 105-0001 (JP).

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

(11) **WO 98/50888** (13) A2

(21) PCT/IB98/00392

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

(25) en (26) en

(31) 97201313.0 (32) **2 May/mai 1997 (02.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06T 15/10**

- (54) ● METHOD OF DISPLAYING AN OUTPUT IMAGE OF A SCENE FROM A FREELY SELECTABLE VIEWPOINT
- PROCEDE D'AFFICHAGE DE L'IMAGE DE SORTIE D'UNE SCENE PRISE D'UN POINT DE VUE CHOISI LIBREMENT

(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 OVERVELD, Cornelis, Wilhelmus, Antonius, Marie**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **CUIJPERS, Maurice, Johannes, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **DE HAAS, Laurens, J.**; Internationaal Octrooi bureau 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).

(11) **WO 98/50889** (13) A1

(21) PCT/NO98/00141

(22) **6 May/mai 1998 (06.05.1998)**

(25) no (26) en

(31) 972097 (32) **6 May/mai 1997 (06.05.1997)** (33) NO

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06T 15/10**

- (54) ● METHOD FOR IMAGE PROCESSING
- PROCEDE DE TRAITEMENT D'IMAGE

(71) **DIMENSIONS AS** [NO/NO]; P.O. Box 116, N-2401 Elverum (NO). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HØYDAL, Finn** [NO/NO]; Barliensgate 1, N-0568 Oslo (NO).

(74) **ONSAGERS PATENTKONTOR 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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(21) PCT/JP98/01475

(22) **31 Mar/mar 1998 (31.03.1998)**

(25) ja (26) ja

(31) 9/115971 (32) **7 May/mai 1997 (07.05.1997)** (33) JP(31) 9/175904 (32) **1 Jul/juil 1997 (01.07.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06T 15/50**

- (54) ● SPOTLIGHT CHARACTERISTIC FORMING METHOD AND IMAGE PROCESSOR USING THE SAME
- PROCEDE D'OBTENTION DE FONCTION PROJECTEUR ET PROCESSEUR D'IMAGES UTILISANT CE PROCEDE

(71) **SEGA ENTERPRISES, LTD.** [JP/JP]; 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-8531 (JP). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORIOKA, Seisuke** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-8531 (JP). **YASUI, Keisuke** [JP/JP]; Sega Enterprises, Ltd., 2-12, Haneda 1-chome, Ohta-ku, Tokyo 144-8531 (JP).

(74) **HAYASHI, Tsunenori** et al. / etc.; Hayashi, Doi & Associates, Toshou-Building No.3, 3-9-5, Shin-yokohama, Kohoku-ku, Yokohama-shi, Kanagawa 222-0033 (JP).

(81) CN JP KR US; EP (DE ES FR GB IT).

(11) **WO 98/50891** (13) A1

(21) PCT/RU97/00300

(22) **26 Sep/sep 1997 (26.09.1997)**

(25) ru (26) ru

(31) 97107678 (32) **5 May/mai 1997 (05.05.1997)** (33) RU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G06T 15/70, A63J 17/00**

- (54) ● METHOD FOR GENERATING A COLOUR IMAGE
- PROCEDE DE FORMATION D'UNE IMAGE COULEUR

(71, 72) **AFANASIEV, Valentin Vladimirovich** [RU/RU]; ul. Marshala Govorova, 11/3-34, St.Petersburg, 198188 (RU).

(74) **POLIKARPOV, Alexandr Viktorovich**; a/ya 24, Nevinpat, St.Petersburg, 193036 (RU).

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

(11) **WO 98/50892** (13) A1

(21) PCT/US98/08326

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

(25) en (26) en

(31) 08/852,400 (32) **7 May/mai 1997 (07.05.1997)** (33) US(31) 60/075,991 (32) **25 Feb/fév 1998 (25.02.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G07D 7/00**(54) ● INTELLIGENT CURRENCY HANDLING SYSTEM
● SYSTEME INTELLIGENT DE MANIPULATION DES DEVICES(71) **CUMMINS-ALLISON CORP.** [US/US]; 891 Feehanville Drive, Mount Prospect, IL 60056 (US).(72) **MAZUR, Richard, A.**; 1508 Culpepper Drive, Naperville, IL 60540 (US). **CSULTS, Frank, S.**; 18192 Banbury Drive, Grunee, IL 60031 (US). **MENNIE, Douglas, U.**; 229 Wood Street, Barrington, IL 60010 (US).(74) **RUDISILL, Stephen, G.**; 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 GM GW HU ID IL IS JP KE KG KP KR KZ 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 ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50893** (13) A1

(21) PCT/FR98/00881

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

(25) fr (26) fr

(31) 97/05475 (32) **2 May/mai 1997 (02.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G07F 7/02**(54) ● CHIP CARD EQUIPPED WITH A COUNTER DEVICE
● CARTE A PUCE MUNIE D'UN DISPOSITIF DE COMPTAGE(71) **GEMPLUS S.C.A.** [FR/FR]; Avenue du Pic de Bertagne, Parc d'activités de Gémenos, F-13881 Gémenos Cedex (FR).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **COOREMAN, Pascal** [FR/FR]; Les Jardins de l'Infante, 23, avenue Beau Pin, F-13008 Marseille (FR). **KIRIK, Jean-Paul** [FR/CA]; 959, boulevard Saint Joseph, Montréal, Québec H2J 1K9 (CA).(74) **NONNENMACHER, Bernard**; Gemplus s.c.a., Z.I. Athélie III, Voie Antiope, F-13705 La Ciotat Cedex (FR).

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

(11) **WO 98/50894** (13) A1

(21) PCT/EP98/02205

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

(25) de (26) de

(31) 197 18 547.9 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G07F 7/08**

(54) ● SYSTEM FOR SECURED READING AND PROCESSING OF DATA ON INTELLIGENT DATA CARRIERS

● SYSTEME PERMETTANT UNE LECTURE ET UN TRAITEMENT PROTEGES DE DONNEES SUR DES SUPPORTS DE DONNEES INTELLIGENTS

(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) **SCHAEFER-LORINSER, Frank** [DE/DE]; Potsdamer Strasse 88, D-64372 Ober-Ramstadt (DE).

(81) CA 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 98/50895** (13) A1

(21) PCT/DE98/00635

(22) **3 Mar/mar 1998 (03.03.1998)**

(25) de (26) de

(31) 197 18 987.3 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G07G 1/00**

(54) ● DEVICE AND METHOD FOR DETERMINING THE AMOUNT OF COINS IN A POS CASH DRAWER

● SYSTEME ET PROCEDE POUR DETERMINER LA QUANTITE DE MONNAIE SE TROUVANT DANS UN TIROIR-CAISSE DE POINT DE VENTE

(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) **BAITZ, Günter** [DE/DE]; Krantorweg 13, D-13503 Berlin (DE).(74) **EPPING, Wilhelm**; Postfach 22 13 17, D-80503 München (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 98/50896** (13) A2

(21) PCT/US98/03185

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/851,206 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G08B**

(54) ● INTELLIGENT LABEL

● ETIQUETTE A PUCE

(71) **ROTHSCHILD TECHNOLOGY, L.L.C.** [US/US]; 805 East Genesee Street, Syracuse, NY 13210 (US).(72) **ROTHSCHILD, Alan, W.**; 4796 West Lake Road, Cazenovia, NY 13035 (US). **ROMANO, James, P.**; 2112 East Colvin Street, Syracuse, NY 13210 (US). **BOZOGIAN, Richard, A.**; 212 Vann Street, Syracuse, NY 13206 (US).(74) **TRAPANI, Lawrence, P.**; Trapani & Molldrem, 333 East Onondaga Street, Syracuse, NY 13202 (US).

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

(11) **WO 98/50897** (13) A1

(21) PCT/EP98/02545

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

(25) de (26) de

(31) 197 19 288.2 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G08B 13/24**

(54) ● METHOD FOR SUPPLYING AND/OR SEALING SECURITY ELEMENTS, AND A CORRESPONDING SECURITY ELEMENT

● PROCEDE DE MISE A DISPOSITION OU DE SCHEMEMENT D'ELEMENTS DE PROTECTION AINSI QU'ELEMENT DE PROTECTION CORRESPONDANT

(71) **METO INTERNATIONAL GMBH** [DE/DE]; Ershheimer Strasse 69, D-69434 Hirschhorn (DE).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **DUSCHEK, Detlef** [DE/DE]; Grünesgasse 5, D-64759 Sensbachtal (DE). **KLASSEN, Gordon** [US/US]; 2541 E. Markwood Street, Duarte, CA 91010 (US).(74) **METO INTERNATIONAL GMBH**; Westerwaldstrabe 3-13, D-64646 Heppenheim (DE).

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

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(11) **WO 98/50898** (13) A1

(21) PCT/US97/07313

(22) **1 May/mai 1997 (01.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G08B 23/00**

(54) ● ALARM SYSTEM FOR VISUALLY IMPAIRED INDIVIDUALS

● SYSTEME D'ALARME POUR INDIVIDUS PRESENTANT UNE DEFICIENCE VISUELLE

(71) **THE JOHNS HOPKINS UNIVERSITY** [US/US]; Applied Physics Laboratory, Johns Hopkins Road, Laurel, MD 20723-6099 (US).(72) **ABITA, Joseph, Lawrence**; 12520 Deoudes Road, Boyds, MD 20841 (US). **STANFORD, Ronald, Lorenzo**; 6592 Meadowfield Court, Elkridge, MD 21227 (US). **CARKHUFF, Bliss, George**; 912 White Way, Laurel, MD 20707 (US).

- (74) **KRIVAK, Carla, Magda** et al. / etc.; The Johns Hopkins University, Applied Physics Laboratory, Johns Hopkins Road, Laurel, MD 20723-6099 (US).
- (81) JP; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50899** (13) A1

(21) PCT/SE97/00740

(22) **2 May/mai 1997 (02.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G09B 5/06, H04L 12/16 // G06F 13/38**

- (54) ● METHOD FOR SYNCHRONISING AN INTERACTIVE CLIENT SERVER SYSTEM
● PROCEDE DE SYNCHRONISATION D'UN SYSTEME SERVEUR-CLIENT INTERACTIF

(71) **EF EDUCATION FIRST LTD.** [CH/CH]; Haldenstrasse 4, CH-6006 Luzern (CH).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGMAN, David** [SE/SE]; Farstavägen 159, S-123 32 Farsta (SE).

(74) **ZILLING, Staffan** et al. / etc.; Dr. Ludwig Brann Patentbyrå AB, P.O. Box 17192, S-104 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 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; 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).

(11) **WO 98/50900** (13) A1

(21) PCT/US98/08658

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

(25) en (26) en

(31) 08/851,082 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G09B 15/02**

- (54) ● MUSICAL SCORE DISPLAY AND EDITING APPARATUS AND SYSTEM
● AFFICHAGE DE PARTITIONS DE MUSIQUE, APPAREIL ET SYSTEME D'EDITION

(71) **FRIEDMAN, Mark, M.** [US/IL]; Alharizi 1, 43406 Raanana (IL).
(only for / seulement pour TJ)

(71, 72) **ARONSON, Danny** [IL/IL]; Barth 5, 69104 Tel Aviv (IL). **RESNICK, Alon** [IL/IL]; Mordechai 15, 47441 Ramat Hasharon (IL).

(74) **FRIEDMAN, Mark, M.**; c/o Castorina, Anthony, Suite 207, 2001 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50901** (13) A2

(21) PCT/US98/09647

(22) **11 May/mai 1998 (11.05.1998)**

(25) en (26) en

(31) 08/853,216 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G09F**

- (54) ● SCROLLING SIGN WITH MANUALLY OPERATED CHANGE MECHANISM
● ENSEIGNE A DEFILEMENT COMPORTANT UN MECANISME PERMETTANT D'EFFECTUER DES MODIFICATIONS MANUELLEMENT

(71) **MILWAUKEE SIGN CO., INC.** [US/US]; 1964 Wisconsin Avenue, Grafton, WI 53024 (US).

(72) **AIKEN, Robert, B.**; 10709 Gazebo Hill Parkway East, Mequon, WI 53092 (US). **CLAPPER, Robert, C.**; 1216 Lakefield Road, Grafton, WI 53024 (US).

(74) **FETTERLEY, Daniel, D.** et al. / etc.; Andrus, Scales, 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).

(11) **WO 98/50902** (13) A1

(21) PCT/GB98/01329

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 9709385.0 (32) **8 May/mai 1997 (08.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G09F 3/10, 3/02**

- (54) ● LABELS FOR CONTAINERS
● ETIQUETTES POUR RECIPIENTS

(71) **APPLIED RESEARCH SYSTEMS ARS HOLDING N.V.** [NL/NL]; 14 John B. Gorsiraweg, P.O. Box 3889, Curacao (AN).
(for all designated States except / pour tous les États désignés sauf US)

(71) **PIÉSOLD, Alexander, James** [GB/GB]; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).
(only for / seulement pour GB)

(72, 75) **DE WERRA, Marie-Christine** [CH/CH]; Route de Cheserex, CH-1276 Gingins (CH). **GEREMIA, Sebastien** [CH/CH]; Clos Rollin, CH-1175 Lavigny (CH).

(74) **PIÉSOLD, Alexander, James**; Frank B. Dehn & Co., 179 Queen Victoria Street, London EC4V 4EL (GB).

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

(11) **WO 98/50903** (13) A1

(21) PCT/CA98/00334

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

(25) en (26) en

(31) 08/851,889 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G09F 9/37**

- (54) ● BOARD FOR MOUNTING DISPLAY ELEMENT
● PLAQUETTE POUR MONTAGE D'ELEMENT D'AFFICHAGE

(71) **MARK IV INDUSTRIES LIMITED** [CA/CA]; 6030 Ambler Drive, Mississauga, Ontario L4W 2P1 (CA).

(72) **TIJANIC, Veso, S.**; Apartment 402, 24 Dixington Crescent, Etobicoke, Ontario M9P 2K5 (CA). **DENNIS, Matthew, D.**; 181 Allan Drive, Bolton, Ontario L7E 1Y9 (CA). **WONG, Coeman, L., S.**; Apartment 1606, 77 Howard Street, Toronto, Ontario M4X 1J9 (CA). **LE, Van, H.**; 314 Old Chicopee Trail, Kitchener, Ontario N2A 4C8 (CA).

(74) **HILL, Nancy, E.** et al. / etc.; Hill & Schumacher, Suite 802, 335 Bay Street, Toronto, Ontario M5H 2R3 (CA).

(81) AU CZ HU IL JP MX NO NZ PL SG.

(11) **WO 98/50904** (13) A1

(21) PCT/SI98/00012

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

(25) en (26) en

(31) P-9700113 (32) **2 May/mai 1997 (02.05.1997)** (33) SI

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G10H 1/10, 1/38**

- (54) ● A DEVICE FOR SOUND SIMULATION OF ORCHESTRAL MUSIC
● DISPOSITIF DE SIMULATION SONORE DE MUSIQUE ORCHESTRALE

(71, 72) **TOTTER, Marijan** [SI/SI]; Muljava 6, 1234 Mengeš (SI).

(74) **BORŠTAR, Dušan**; Nova ulica 11, P.O. Box 74, 1230 Domžale (SI).

(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 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).

(11) **WO 98/50905** (13) A1

(21) PCT/CH98/00135

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

(25) de (26) de

(31) 1070/97 (32) **7 May/mai 1997 (07.05.1997)** (33) CH

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G10K 11/172**

- (54) ● METHOD FOR SELECTIVELY CONTROLLING SOUND RADIATION
● PROCEDE POUR L'OBTENTION D'UN RAYONNEMENT ACOUSTIQUE CONTROLE SELECTIVEMENT
- (71) **RIETER AUTOMOTIVE (INTERNATIONAL) AG** [CH/CH]; Seestrasse 15, CH-8702 Zollikon (CH).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN LIGTEN, Robert, H.** [US/CH]; Hochstrasse 65, CH-8044 Zürich (CH).
- (74) **RITSCHER & SEIFERT**; Kreuzstrasse 82, CH-8032 Zürich (CH).
- (81) BR CN JP US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50906** (13) A1
(21) PCT/NL98/00253
(22) **6 May/mai 1998 (06.05.1998)**
(25) nl (26) en
(31) 1006007 (32) **7 May/mai 1997 (07.05.1997)** (33) NL
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G10K 11/35, 11/00**
- (54) ● ULTRASONIC MEASURING INSTRUMENT
● INSTRUMENT DE MESURE A ULTRASONS
- (71) **A. HAK INDUSTRIAL SERVICES B.V.** [NL/NL]; Utrechtsstraatweg 208, NL-3911 TX Rhenen (NL).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **VAN DER HEIDE, Siemen, Roelof** [NL/NL]; Zonnebloemstraat 19A, NL-3051 SP Rotterdam (NL).
- (74) **VAN BREDA, Jacques**; Octrooibureau Los en Stijter B.V., Weteringschans 96, NL-1017 XS Amsterdam (NL).
- (81) RU US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50907** (13) A1
(21) PCT/US98/09437
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 60/045,741 (32) **6 May/mai 1997 (06.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G10L 3/00**
- (54) ● SYSTEM AND METHOD FOR DEVELOPING INTERACTIVE SPEECH APPLICATIONS
● SYSTEME ET PROCEDE DE DEVELOPPEMENT D'APPLICATIONS VOCALES INTERACTIVES
- (71, 72) **MARX, Matthew, T.** [US/US]; 44 Pierce Avenue #1, Everett, MA 02149 (US). **CARTER, Jerry, K.** [US/US]; 38 Day Street #42, Somerville, MA 02144 (US). **PHILLIPS, Michael, S.** [US/US]; 653 Concord Avenue, Belmont, MA 02178 (US). **HOLTHOUSE, Mark, A.** [US/US]; 163 Upland Road, Newtonville, MA 02160 (US). **SEABURY, Stephen, D.** [US/US]; 52 Bay State Road, Boston, MA 02215 (US). **ELIZONDO-CECENAS, Jose, L.** [US/US]; One Emersion Place, 6-B, Boston, MA 02114 (US). **PHANEUF, Brett, D.** [US/US]; 380 Pine Street, Marsfield, MA 02050 (US).

- (74) **SUGIMURA, Audrey, M.** et al. / etc.; McDermott, Will & Emery, 600 13th Street, N.W., Washington, DC 20005-3096 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50908** (13) A1
(21) PCT/US98/09576
(22) **11 May/mai 1998 (11.05.1998)**
(25) en (26) en
(31) 08/854,150 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G10L 7/00**
- (54) ● METHOD AND APPARATUS FOR SPEECH ANALYSIS AND SYNTHESIS USING LATTICE-LADDER FILTERS
● PROCEDE ET APPAREIL D'ANALYSE ET DE SYNTHESE DE LA PAROLE COMPORTANT DES FILTRES DE TYPE TREILLIS-EN ECHELLE
- (63) US 08/854,150 (CIP)
9 May/mai 1997 (09.05.1997)
- (71) **WASHINGTON UNIVERSITY** [US/US]; One Brookings Drive, St. Louis, MO 63130 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BYRNES, Christopher, I.** [US/US]; 30 Aberdeen Place, Clayton, MO 63105 (US). **LINDQUIST, Anders** [SE/SE]; Flyghamnsvägen 18, S-183 64 Täby (SE).

- (74) **HAFERKAMP, R.** et al. / etc.; Howell & Haferkamp, L.C., Suite 1400, 7733 Forsyth Boulevard, St. Louis, MO 63105 (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 98/50909** (13) A1
(21) PCT/US98/05047
(22) **13 Mar/mar 1998 (13.03.1998)**
(25) en (26) en
(31) 08/841,879 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **G10L 9/00**
- (54) ● SUBSCRIBER HANDOFF BETWEEN MULTIPLE ACCESS COMMUNICATIONS SYSTEM
● TRANSFERT D'ABONNES ENTRE DES SYSTEMES DE COMMUNICATIONS A ACCES MULTIPLE
- (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
- (72) **LOSH, Jason, Haines**; 1109 Montreau Court, Arlington, TX 76012 (US).

- (74) **BETHARDS, Charles, W.** et al. / etc.; Motorola Inc., Intellectual Property Dept., MS-E230, 5401 North Beach Street, Fort Worth, TX 76137 (US).
- (81) BR CA CN FI GB IL JP KR SE SG.

(11) **WO 98/50910** (13) A1

(21) PCT/FI98/00229

(22) **13 Mar/mar 1998 (13.03.1998)**

(25) en (26) en

(31) 971976 (32) **7 May/mai 1997 (07.05.1997)** (33) FI(31) 980502 (32) **5 Mar/mar 1998 (05.03.1998)** (33) FI

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G10L 9/12**

(54) ● SPEECH CODING

● CODAGE DE LA PAROLE

- (71) **NOKIA MOBILE PHONES LTD.** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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- (72, 75) **LAKANIEMI, Ari** [FI/FI]; Suvantokatu 1 D 30, FIN-33100 Tampere (FI). **VAINIO, Janne** [FI/FI]; Laurintie 16 C, FIN-33880 Sääksjärvi (FI). **OJALA, Pasi** [FI/FI]; Laurintie 4 D, FIN-33880 Sääksjärvi (FI). **HAAVISSTO, Petri** [FI/FI]; Hela-kallionkatu 47, FIN-33580 Tampere (FI).

- (74) **JOHANSSON, Folke**; Nokia Mobile Phones Ltd., P.O. Box 100, FIN-00045 Nokia Group (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 DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50911** (13) A2

(21) PCT/US98/09064

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/850,844 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G11B 7/12**

- (54) ● HIGH-PERFORMANCE INFORMATION PROCESSING APPARATUS HAVING MULTIPLE FUNCTIONS
● DISPOSITIF DE TRAITEMENT DE L'INFORMATION HAUTE PERFORMANCE MULTIFONCTION

- (71, 72) **LEE, Howard, Hong-Dough** [-/US]; 4350 Derry Road, Bloomfield, MI 48302 (US).

- (74) **HARTMAN, Gary, M.** et al. / etc.; Hartman & Hartman, P.C., 552 East 700 North, Valparaiso, IN 46383 (US).

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

(11) **WO 98/50912** (13) A2

(21) PCT/IB98/00645

(22) 27 Apr/avr 1998 (27.04.1998)

(25) en (26) en

(31) 97107241.8 (32) 1 May/mai 1997 (33) EP
(01.05.1997)

(34) NL et al. / etc.

(31) 97202257.8 (32) 18 Jul/juil 1997 (33) EP
(18.07.1997)

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ G11B 7/125(54) ● METHOD AND APPARATUS FOR WRITING
OPTICAL RECORDING MEDIA● PROCEDE ET APPAREIL DE GRAVURE
D'UN SUPPORT D'ENREGISTREMENT
OPTIQUE(71) KONINKLIJKE PHILIPS ELECTRONICS
N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA
Eindhoven (NL).*(for all designated States except / pour tous les États
désignés sauf US)*(71) PHILIPS AB [SE/SE]; Kottbygatan 7, Kista,
S-164 85 Stockholm (SE).*(only for / seulement pour SE)*(72, 75) HOEVEN, Petrus, Christianus, Johannes
[NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven
(NL).(74) VISSER, Derk; Internationaal Octrooibureau B.V.,
P.O. Box 220, NL-5600 AE Eindhoven (NL).(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).

(11) WO 98/50913 (13) A1

(21) PCT/JP98/02036

(22) 7 May/mai 1998 (07.05.1998)

(25) ja (26) ja

(31) 9/117187 (32) 7 May/mai 1997 (33) JP
(07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ G11B 7/135

(54) ● OPTICAL PICKUP DEVICE

● DISPOSITIF DE LECTURE OPTIQUE

(71) SONY CORPORATION [JP/JP]; 7-35, Kitashi-
nagawa 6-chome, Shinagawa-ku, Tokyo 141-0001
(JP).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) ANDO, Nobuhiko [JP/JP]; Sony Corporation,
7-35, Kitashinagawa 6-chome, Shinagawa-ku, To-
kyo 141-0001 (JP).(74) KOIKE, Akira et al. / etc.; 11 Mori Building, 6-4,
Toranomon 2-chome, Minato-ku, Tokyo 105-0001
(JP).

(81) CN JP SG US.

(11) WO 98/50914 (13) A1

(21) PCT/IL98/00212

(22) 7 May/mai 1998 (07.05.1998)

(25) en (26) en

(31) 60/045,985 (32) 8 May/mai 1997 (33) US
(08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ G11B 7/24, 7/26

(54) ● AN OPTICAL MEMORY DEVICE AND A

METHOD OF MANUFACTURING THEREOF

● MEMOIRE OPTIQUE ET SON PROCEDE DE
FABRICATION(71) OMD OPTICAL MEMORY DEVICES LTD.
[IL/IL]; Prof. Bergman Street 2, Science Park
Rabin, 76327 Rehovot (IL).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) GLUSHKO, Boris [IL/IL]; P.O. Box 3342,
77132 Ashdod (IL). KRUPKIN, Vladimir [IL/IL];
Reuven Ve Bat Sheva 5/27, 75357 Rishon LeZion
(IL).(74) REINHOLD COHN AND PARTNERS; P.O. Box
4060, 61040 Tel Aviv (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
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TD TG).

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(22) 7 May/mai 1998 (07.05.1998)

(25) ja (26) ja

(31) 9/117825 (32) 8 May/mai 1997 (33) JP
(08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ G11B 7/24, 7/00(54) ● OPTICAL RECORDING MEDIUM AND
METHOD OF INFORMATION RECOR-
DING/REPRODUCTION USING THE SAME● SUPPORT D'ENREGISTREMENT OP-
TIQUE ET PROCEDE D'ENREGISTREMENT
/ REPRODUCTION D'INFORMATIONS
L'UTILISANT(71) MATSUSHITA ELECTRIC INDUSTRIAL CO.,
LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 (JP).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) TAKASE, Yoshiyuki [JP/JP]; 4-24-8, Kisabe,
Katano-shi, Osaka 576-0052 (JP). TOSAKI,
Yoshihiro [JP/JP]; 20-2-4, Gakuenminamimachi,
Ibaraki-shi, Osaka 567-0834 (JP). TAKAHASHI,
Katsuyuki [JP/JP]; 30-1-205, Miiminamimachi,
Neyagawa-shi, Osaka 572-0019 (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) CN JP KR US; EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/50916 (13) A1

(21) PCT/JP98/02020

(22) 7 May/mai 1998 (07.05.1998)

(25) ja (26) ja

(31) 9/117864 (32) 8 May/mai 1997 (33) JP
(08.05.1997)(31) 9/269563 (32) 2 Oct/oct 1997 (33) JP
(02.10.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ G11B 7/26(54) ● DEVICE AND METHOD FOR MANUFACTU-
RING AN OPTICAL RECORDING MEDIUM● DISPOSITIF ET PROCEDE DE PRODUCTION
D'UN SUPPORT D'ENREGISTREMENT OP-
TIQUE(71) MATSUSHITA ELECTRIC INDUSTRIAL CO.,
LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 (JP).*(for all designated States except / pour tous les États
désignés sauf US)*(72, 75) KAMIYAMA, Toshifumi [JP/JP]; 447-2, Ka-
migawara, Tsuyama-shi, Okayama 708-0002 (JP).
KUNIEDA, Toshiaki [JP/JP]; 4-2-10, Hyakura-
kusou, Minoo-shi, Osaka 562-0042 (JP). OKA-
ZAKI, Sadayuki [JP/JP]; 7-4-2-315, Kourigaoka,
Hirakata-shi, Osaka 573-0084 (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) CN JP KR US; EP (AT BE CH CY DE DK ES FI
FR GB GR IE IT LU MC NL PT SE).

(11) WO 98/50917 (13) A1

(21) PCT/JP98/01946

(22) 27 Apr/avr 1998 (27.04.1998)

(25) ja (26) ja

(31) 9/116740 (32) 7 May/mai 1997 (33) JP
(07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ G11B 13/04, 7/24, 5/80, B42D 15/10

(54) ● INFORMATION STORAGE MEDIUM

● SUPPORT DE MEMORISATION
D'INFORMATION(71, 72) USUI, Masaaki [JP/JP]; 592-5, Oaza Mi-
mayose, Asashina-mura, Kitasaku-gun, Nagano
384-2103 (JP).(74) WATANUKI, Takao; CreA Center Building, 12-9,
Nakagosho 3-chome, Nagano-shi, Nagano 380
(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).

(11) WO 98/50918 (13) A1

(21) PCT/JP98/02005

(22) 1 May/mai 1998 (01.05.1998)

(25) ja (26) ja

(31) 9/117866 (32) 8 May/mai 1997 (33) JP
(08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ G11B 17/04, 23/00(54) ● DISC LOADING APPARATUS AND ADAP-
TER FOR DISCS● APPAREIL DE CHARGEMENT DE DISQUES
ET ADAPTATEUR POUR DISQUES(71) MATSUSHITA ELECTRIC INDUSTRIAL CO.,
LTD. [JP/JP]; 1006, Oaza Kadoma, Kadoma-shi,
Osaka 571-8501 (JP).

(72) **KUROZUKA, Akira**; 1247-5, Koyama 7-chome, Fujiidera-shi, Osaka 583-0033 (JP). **HANA-KAWA, Eiichi**; 1-20-102, Saganakadai 8-chome, Kizu-cho, Soraku-gun, Kyoto 619-0223 (JP). **MAEDA, Shinichi**; 23-4-1302, Kano 7-chome, Higashiosaka-shi, Osaka 578-0901 (JP). **EZAWA, Kohzoh**; 10-032, Ikuno 4-chome, Katano-shi, Osaka 576-0054 (JP).

(74) **YAMAMOTO, Shusaku**; 15th floor, Crystal Tower, 2-27, Shiromi 1-chome, Chuo-ku., Osaka-shi, Osaka 540-6015 (JP).

(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 98/50919** (13) A1

(21) PCT/JP98/01941

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

(25) ja (26) ja

(31) 9/116685 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G11B 20/10, H04N 5/92**

(54) ● METHOD AND DEVICE FOR RECORDING AND REPRODUCING DIGITAL SIGNAL

● PROCEDE ET DISPOSITIF SERVANT A ENREGISTRER ET A REPRODUIRE UN SIGNAL NUMERIQUE

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-0083 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MORIKAWA, Shigekazu** [JP/JP]; 3-11-21, Nagao-motomachi, Hirakata-shi, Osaka 573-0163 (JP).

(74) **YASUTOMI, Koji**; Sanyo Electric Co., Ltd., Information & Telecommunications Business Headquarters, 1-1, Sakata 1-chome, Oizumi-machi, Ora-gun, Gunma 370-0532 (JP) et al. / etc.

(81) CN ID KR US; EP (DE FR GB).

(11) **WO 98/50920** (13) A1

(21) PCT/US97/16719

(22) **19 Sep/sep 1997 (19.09.1997)**

(25) en (26) en

(31) 08/842,470 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G11B 23/087, 15/08**

(54) ● OPTICAL ELEMENT FOR BELT-DRIVEN TAPE CARTRIDGE

● ELEMENT OPTIQUE POUR CARTOUCHE DE BANDE ENTRAINEE PAR UNE COURROIE

(71) **GIGATEK MEMORY SYSTEMS** [US/US]; 1989 Palomar Oaks Way, La Costa, CA 92009 (US).

(72) **DERHAAG, Robert, L.**; 45296 Esmerado Court, Temecula, CA 92592 (US). **EGGEBEEN, James, A.**; 7029 Westleigh Place, San Diego, CA 92126 (US). **AUSTIN, Brian, J.**; 5631 Mildred Street #A, San Diego, CA 92110 (US). **SMALLWOOD, Kenneth, W., Jr.**; 13217 Aurora Drive, El Cajon, CA 92021 (US).

(74) **HALLER, John, L.** et al. / etc.; Brown, Martin, Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).

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

(11) **WO 98/50921** (13) A2

(21) PCT/IB98/00652

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

(25) en (26) en

(31) 97201345.2 (32) **6 May/mai 1997 (06.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G11B 27/28, 27/34, H04N 5/262**

(54) ● A METHOD AND DEVICE FOR KEYFRAME-BASED VIDEO DISPLAYING USING A VIDEO CURSOR FRAME IN A MULTIKEYFRAME SCREEN

● PROCEDE ET DISPOSITIF D'AFFICHAGE VIDEO BASE SUR DES IMAGES CLES ET UTILISANT UN CADRE DE CURSEUR VIDEO DANS UN ECRAN A PLUSIEURS IMAGES CLES

(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) **RIJCKAERT, Albert, Maria, Arnold** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DENISSEN, Adrianus, Johannes, Maria** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MOURIK, Jan, Pieter, Leendert** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **FAESSEN, Louis, M., H.**; Internationaal Octrooi-bureau 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).

(11) **WO 98/50922** (13) A1

(21) PCT/RU97/00138

(22) **8 May/mai 1997 (08.05.1997)**

(25) ru (26) ru

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G21F 9/30**

(54) ● METHOD FOR TREATING METALLIC WASTE CONTAMINATED BY RADIONUCLIDES

● PROCEDE DE TRAITEMENT DE DECHETS METALLIQUES CONTAMINES PAR DES RADIONUCLEIDES

(71) **ZAKRYTOE AKTSIONERNOE OBSHCHESTVO INNOVATSIONNAYA KOMPANIA "PANORAMA"** [RU/RU]; ul. Malenkovskaya, 14-1, Moscow, 107114 (RU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **KONSTANTINOV, Evgeny Alexandrovich** [RU/RU]; pr-t Geroev, 51-48, Sosnovy Bor, Leningradskaya obl., 188537 (RU). **KIZHNEROV, Leonid Vasilevich** [RU/RU]; pr-t Geroev, 51-39, Sosnovy Bor, Leningradskaya obl., 188537 (RU). **KORABLEV, Nikolai Alexeevich** [RU/RU]; ul. Leningradskaya, 52-72, Sosnovy Bor, Leningradskaya obl., 188537 (RU). **SHUISKY, Dorian Borisovich** [RU/RU]; Krasnykh Fortov, 17-75, Sosnovy Bor, Leningradskaya obl., 188537 (RU). **OLEINIK, Mikhail Sergeevich** [RU/RU]; ul.

Solnechnaya, 45-119, Sosnovy Bor, Leningradskaya obl., 188537 (RU). **TROFIMOV, Vladimir Viktorovich** [RU/RU]; ul. Solnechnaya, 53-23, Sosnovy Bor, Leningradskaya obl., 188537 (RU). **GUSYNIN, Valery Danilovich** [RU/RU]; ul. Solnechnaya, 53-40, Sosnovy Bor, Leningradskaya obl., 188537 (RU).

(74) **TOVARISCHESTVO S OGRANICHENNOY OTVETSTVENNOSTYU PATENT LAW FIRM "JUS"**; a/y a 184, PLF "JUS", Moscow, 103009 (RU).

(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).

(11) **WO 98/50923** (13) A1

(21) PCT/JP98/02007

(22) **6 May/mai 1998 (06.05.1998)**

(25) ja (26) ja

(31) 9/115941 (32) **6 May/mai 1997 (06.05.1997)** (33) JP

(31) 9/231364 (32) **27 Aug/août 1997 (27.08.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **G21K 4/00**

(54) ● RADIATION INTENSIFYING PAPER, AND RADIATION RECEPTOR AND RADIATION INSPECTION APPARATUS USING THE PAPER

● PAPIER INTENSIFIANT LES RAYONNEMENTS, RECEPTEUR DE RAYONNEMENTS ET APPAREIL DE CONTROLE DES RAYONNEMENTS UTILISANT LE PAPIER

(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) **TAKAHARA, Takeshi** [JP/JP]; 7-11-2, Kitaterao, Tsurumi-ku, Yokohama-shi, Kanagawa 230-0074 (JP). **SAITO, Akihisa** [JP/JP]; 1383, Iwase, Kamakura-shi, Kanagawa 247-0051 (JP). **OYAIZU, Eiji** [JP/JP]; 156-4-447, Futoo-cho, Kohoku-ku, Yokohama-shi, Kanagawa 222-0031 (JP).

(74) **SUYAMA, Saichi**; Kandahigashiyama Building, 1, Kandatacho 2-chome, Chiyoda-ku, Tokyo 101-0046 (JP).

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

(11) **WO 98/50924** (13) A1

(21) PCT/US98/09112

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/843,405 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01B 5/10**

(54) ● ELECTRICAL CABLES HAVING LOW RESISTANCE AND HIGH FLEXIBILITY AND METHODS OF MAKING SAME

- CABLES ELECTRIQUES A FAIBLE RESISTANCE ET A GRANDE FLEXIBILITE ET PROCEDES DE FABRICATION
- (63) US 08/843,405 (CON)
2 May/mai 1997 (02.05.1997)
- (71) **GENERAL SCIENCE AND TECHNOLOGY CORP.** [US/US]; 4608 S.W. 74th Avenue, Miami, FL 33155 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **AVELLANET, Francisco, J.** [US/US]; 11024 S.W. 77 Court Circle, Miami, FL 33156 (US).
- (74) **GORDON, David, P.**; 65 Woods End Road, Stamford, CT 06905 (US).
- (81) ID JP 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 98/50925** (13) A1
- (21) PCT/FR98/00867
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) fr (26) fr
- (31) 97/05472 (32) **2 May/mai 1997 (02.05.1997)** (33) FR
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01B 11/12, 7/28**
- (54) ● ELECTRIC CABLE WITH WEAK MEMORY
● CABLE ELECTRIQUE AYANT UNE FAIBLE MEMOIRE
- (71, 72) **PERROT, Gérard** [FR/FR]; 24, place Clémenceau, F-41800 Montoire sur le Loir (FR).
- (74) **ALLANO, Sylvain** et al. / etc.; Pontet Allano & Associés S.E.L.A.R.L., Parc-Club Orsay-Université, 25, rue Jean Rostand, F-91893 Orsay Cedex (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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- (22) **23 Apr/avr 1998 (23.04.1998)**
- (25) de (26) de
- (31) 297 07 899.2 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01B 17/26**
- (54) ● WALL BUSHING
● TRAVERSEE MURALE
- (71) **HSP HOCHSPANNUNGSGERÄTE PORZ GMBH** [DE/DE]; Kaiserstrasse 127, D-51145 Köln (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FRIELINGS DORF, Helmut** [DE/DE]; Buchholzstrasse 27, D-51469 Bergisch Gladbach (DE).
- (74) **EPPING, Wilhelm**; Postfach 22 13 17, D-80503 München (DE).
- (81) AU BR CN NO 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 98/50927** (13) A1
- (21) PCT/US98/08537
- (22) **27 Apr/avr 1998 (27.04.1998)**
- (25) en (26) en
- (31) 08/853,598 (32) **9 May/mai 1997 (09.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01G 4/00, 4/30, 4/06, 4/005, 4/012, 4/228, 4/236, 2/20, 7/00**
- (54) ● INTEGRATED DUAL FREQUENCY NOISE ATTENUATOR
● ATTENUATEUR DE BRUIT INTEGRE A DEUX FREQUENCES
- (71) **AVX CORPORATION** [US/US]; 801 17th Avenue South, Myrtle Beach, SC 29578 (US).

- (72) **CAIN, Jeffery, C.**; 1769 Crooked Pine Drive, Surfside Beach, SC 29575 (US). **BARRIS, John, E.**; 407 Lovell Street, Worcester, MA 01602 (US).
- (74) **KILLEN, Craig, N.** 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 98/50928** (13) A1
- (21) PCT/JP98/01978
- (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) ja (26) ja
- (31) 9/116778 (32) **7 May/mai 1997 (07.05.1997)** (33) JP
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01G 4/12**
- (54) ● METHOD OF MANUFACTURING ELECTRONIC COMPONENT
● PROCEDE DE FABRICATION D'UN COMPOSANT ELECTRONIQUE
- (71) **TEIJIN LIMITED** [JP/JP]; 6-7, Minamihom-machi 1-chome, Chuo-ku, Osaka-shi, Osaka 541-8587 (JP).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KUMAKAWA, Shiro** [JP/JP]; Intellectual Property Dept., Teijin Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-8585 (JP).

- (74) **MAEDA, Sumihiro**; Intellectual Property Dept., Teijin Limited, 1-1, Uchisaiwaicho 2-chome, Chiyoda-ku, Tokyo 100-8585 (JP).
- (81) CN ID 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 98/50929** (13) A1
- (21) PCT/GB98/01263
- (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) en (26) en
- (31) 9708944.5 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01G 9/15**
- (54) ● PROCESS FOR MANUFACTURING A SOLID ELECTROLYTIC CAPACITOR
● PROCEDE PERMETTANT DE FABRIQUER UN CONDENSATEUR ELECTROLYTIQUE TRANSISTORISE
- (71) **AVX LIMITED** [GB/GB]; Tantalum Division, Long Road, Paignton, Devon TQ4 7ER (GB).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **HARRIS, Peter** [GB/GB]; Avx Limited, Tantalum Division, Long Road, Paignton, Devon TQ4 7ER (GB). **MILLMAN, William** [GB/GB]; Avx Limited, Tantalum Division, Long Road, Paignton, Devon TQ4 7ER (GB).
- (74) **BROWN, Fraser, Gregory, James** et al. / etc.; FJ Cleveland, 40-43 Chancery Lane, London WC2A 1JQ (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 98/50930** (13) A1
- (21) PCT/DE98/01235
- (22) **5 May/mai 1998 (05.05.1998)**
- (25) de (26) de
- (31) 197 19 245.9 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01H 13/06**
- (54) ● SWITCHING ARRANGEMENT
● ENSEMBLE DE COMMUTATEURS
- (71) **MARQUARDT GMBH** [DE/DE]; Schloßstrasse 16, D-78604 Rietheim-Weilheim (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **KIZELE, Rainer** [DE/DE]; Kolpingweg 39, D-78532 Tuttingen (DE). **MÜLLER, Heinrich** [DE/DE]; Fürstensteinweg, D-78532 Tuttingen (DE). **RAPP, Klaus** [DE/DE]; Haugenrainstrasse 9, D-78073 Öfingen (DE).
- (74) **OTTEN, Herbert**; Seestrass 42, D-88214 Ravensburg (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 98/50931** (13) A1
- (21) PCT/US98/08695
- (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) en (26) en
- (31) 08/850,071 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01H 13/70**
- (54) ● DIRECT KEYPAD BACK LIGHTING
● ECLAIRAGE DIRECT D'UN CLAVIER PAR L'ARRIERE

- (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
- (72) **THORNTON, Curtis, Wayne**; 103 Indigo Drive, Cary, NC 27513 (US).
- (74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & 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).

(11) **WO 98/50932** (13) A1

(21) PCT/EP98/02166

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

(25) de (26) de

(31) 197 18 986.5 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01H 50/24**

- (54) ● ELECTROMAGNETIC RELAY
● RELAIS ELECTROMAGNETIQUE

(71) **EH-SCHRACK COMPONENTS AKTIENGESELLSCHAFT** [AT/AT]; Seybelgasse 13, A-1230 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MADER, Leopold** [AT/AT]; Gumpoldskirchner Strasse 18-24, A-2340 Mödling (AT). **MIKL, Rudolf** [AT/AT]; Ganswiese 26, A-2464 Arbesthal (AT).

(74) **EPPING, Wilhelm**; Postfach 22 13 17, D-80503 München (DE).

(81) BR CA CN ID JP KR 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 98/50933** (13) A1

(21) PCT/EP98/02439

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

(25) de (26) de

(31) 197 18 985.7 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(31) 198 04 572.7 (32) **5 Feb/fév 1998 (05.02.1998)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01H 50/54, 50/64**

- (54) ● RELAY WITH CONTACT SPRINGS
● RELAIS A BANCS DE CONTACT

(71) **EH-SCHRACK COMPONENTS AKTIENGESELLSCHAFT** [AT/AT]; Seybelgasse 13, A-1230 Wien (AT).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MADER, Leopold** [AT/AT]; Gumpoldskirchner Strasse 18-24, A-2340 Mödling (AT). **MIKL, Rudolf** [AT/AT]; Ganswiese 26, A-2464 Arbesthal (AT).

(74) **EPPING, Wilhelm**; Postfach 22 13 17, D-80503 München (DE).

(81) BR CA CN ID JP KR 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 98/50934** (13) A1

(21) PCT/IL98/00202

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

(25) en (26) en

(31) 120774 (32) **4 May/mai 1997 (04.05.1997)** (33) IL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01J 1/34**

- (54) ● PROTECTION OF PHOTOCATHODES WITH THIN FILMS
● PROTECTION DE PHOTOCATHODES AU MOYEN DE COUCHES MINCES

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; Weizmann Institute of Science, P.O. Box 95, 76100 Rehovot (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BRESKIN, Amos** [IL/IL]; Itamar Ben-Avi Street 18, Kfar Aharon, 74051 Nes Ziona (IL). **CHECHIK, Rachel** [IL/IL]; P.O. Box 91, 76868 Beit Hanan (IL). **BUZULUTSKOV, Alexei** [RU/RU]; Akademicheskaja Street, 13/39, Novosibirsk, 630090 (RU).

(74) **SANFORD, T. Colb** et al. / etc.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).

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

(11) **WO 98/50935** (13) A1

(21) PCT/US98/02458

(22) **11 Feb/fév 1998 (11.02.1998)**

(25) en (26) en

(31) 08/847,119 (32) **30 Apr/avr 1997 (30.04.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01J 9/02**

- (54) ● FIELD EMITTER FABRICATION USING MEGASONIC ASSISTED LIFT-OFF
● FABRICATION D'UN EMETTEUR DE CHAMP UTILISANT LE DECOLLEMENT ASSISTE PAR MEGASONS

(71) **CANDESCENT TECHNOLOGIES CORPORATION** [US/US]; 6580 Via del Oro, San Jose, CA 95119 (US).

(72) **WILLIAMS, Dale, A.**; 1360 Braebridge Road, San Jose, CA 95131 (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).

(11) **WO 98/50936** (13) A2

(21) PCT/US98/09396

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/853,929 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01J 29/10**

(54) ● ELECTRICALLY TUNABLE LOW SECONDARY ELECTRON EMISSION DIAMOND-LIKE COATINGS AND PROCESS FOR DEPOSITING COATINGS

● REVETEMENTS DU TYPE DIAMANT A FAIBLE EMISSION D'ELECTRONS SECONDAIRES ELECTRIQUEMENT REGLABLE, ET PROCEDE D'APPLICATION DE TELS REVETEMENTS

(71) **ADVANCED REFRACTORY TECHNOLOGIES, INC.** [US/US]; 699 Hertel Avenue, Buffalo, NY 14207 (US).

(72) **GOEL, Arvind**; 156 Highgate Avenue, Buffalo, NY 14214 (US). **OUTTEN, Craig, A.**; 284 Woodward Avenue, Buffalo, NY 14214 (US).

(74) **WEYAND, Karla, M.**; 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).

(11) **WO 98/50937** (13) A1

(21) PCT/US97/07548

(22) **5 May/mai 1997 (05.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01J 35/14**

(54) ● X-RAY TUBE AND MICROELECTRONICS ALIGNMENT PROCESS

● TUBE A RAYONS X ET PROCEDE D'ALIGNEMENT MICRO-ELECTRONIQUE

(71) **NANODYNAMICS, INC.** [US/US]; 10878 Westheimer #178, Houston, TX 77042 (US).

(72) **WANG, Chia-Gee**; 510 East 73rd Street, New York, NY 10021 (US).

(74) **HANDELMAN, Joseph, H.**; Ladas & Parry, 26 West 61st Street, New York, NY 10023 (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).

(11) **WO 98/50938** (13) A2

(21) PCT/DE98/01186

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

(25) de (26) de

(31) 197 18 799.4 (32) **3 May/mai 1997 (03.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01J 37/02**

(54) ● IMAGING AND/OR RASTER-MODE SCANNING SYSTEM PROVIDED WITH A DEVICE FOR COMPENSATING THE IMAGE DEGRADATIONS RESULTING FROM ENVIRONMENTAL FACTORS

● DISPOSITIF D'IMAGERIE ET/OU DE BAYLAGE LIGNE PAR LIGNE DOTE D'UN DISPOSITIF DE COMPENSATION DES DEGRADATIONS D'IMAGE DUES AUX FACTEURS ENVIRONNEMENTAUX

(71, 72) **HEILAND, Peter** [DE/DE]; Karl-Liebnecht-Strasse 30, D-65479 Raunheim (DE).

(74) **HERDEN, Andreas**; Sonnenberger Strasse 100, D-65193 Wiesbaden (DE).

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

(11) **WO 98/50939** (13) A1

(21) PCT/US98/08766

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

(25) en (26) en

(31) 08/854,202 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01J 37/30**

(54) ● ARTICLE IRRADIATION SYSTEM WITH AN ARTICLE TRANSPORTING CONVEYOR
● SYSTEME D'IRRADIATION D'ARTICLES MONTE SUR LE CONVOYEUR LES TRANSPORTANT

(71) **THE TITAN CORPORATION** [US/US]; 3033 Science Park Road, San Diego, CA 92121 (US).

(72) **ALLEN, John, Thomas**; 4626 Black Pine Place, San Diego, CA 92130 (US). **SULLIVAN, George, Michael, Jr.**; 8778 Elford Court, San Diego, CA 92129 (US). **BRAZELL, Michael, Scott**; P.O. Box 173, Pine, CO 80470 (US). **KNOWLES, Harold, Brook**; 4030 Hillcrest Road, El Sobrante, CA 94803 (US). **ZANTE, Anthony, Alexander**; 626 Marigold Court, Fremont, CA 94539 (US). **MENDONSA, Richard, Joseph**; 11361 Bloomington Way, Dublin, CA 94568 (US). **MILLER, Richard, Clarke**; 18519 Center Street, Castro Valley, CA 94568 (US). **WHITHAM, Kenneth**; 311 David Drive, Alamo, CA 94507 (US).

(74) **CALLAN, Edward, W.**; 3033 Science Park Road, San Diego, CA 92121 (US).

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

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(11) **WO 98/50940** (13) A2

(21) PCT/US98/08973

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/046,836 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01J 40/14**

(54) ● HIGH RESOLUTION RESONANCE IONIZATION IMAGING DETECTOR AND METHOD
● DETECTEUR D'IMAGES D'IONISATION PAR RESONANCE A HAUTE RESOLUTION ET PROCEDE

(71) **UNIVERSITY OF FLORIDA** [US/US]; 1938 W. University Avenue, Gainesville, FL 32603 (US).

(72) **WINEFORDNER, James, D.**; 3535 N.W. 40th Terrace, Gainesville, FL 32606 (US). **MATVEEV, Oleg, I.**; 3611 N.W. 34th Street, Gainesville, FL 32608 (US). **SMITH, Benjamin, W.**; 404 S.E. 2nd Avenue, Gainesville, FL 32601 (US).

(74) **CLARKE, Dennis, P.**; Kerkam, Stowell, Kondracki & Clarke, P.C., Suite 600, Two Skyline Place, 5203 Leesburg Pike, Falls Church, VA 22041-3401 (US).

(81) AL AU BA BB BG BR CA CN CU CZ EE GE GH 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 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 98/50941** (13) A1

(21) PCT/AU98/00319

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) PO 6634 (32) **7 May/mai 1997 (07.05.1997)** (33) AU

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01J 49/02, 49/04**

(54) ● DETECTOR SYSTEM FOR MASS SPECTROMETER
● SYSTEME DE DETECTEUR POUR UN SPECTROMETRE DE MASSE

(71) **VARIAN AUSTRALIA PTY. LTD.** [AU/AU]; 679 Springvale Road, Mulgrave, VIC 3170 (AU).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GREGORY, Robert, Paul** [GB/AU]; 12 Vernon Street, Blackburn South, VIC 3130 (AU).

(74) **PHILIPS ORMONDE & FITZPATRICK**; 367 Collins Street, Melbourne, VIC 3000 (AU).

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

(11) **WO 98/50942** (13) A1

(21) PCT/IB98/00668

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 97201348.6 (32) **6 May/mai 1997 (06.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01K 1/22**

(54) ● ELECTRIC INCANDESCENT LAMP
● LAMPE INCANDESCENTE ELECTRIQUE

(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 PATENTVERWALTUNG GMBH** [DE/DE]; Röntgenstraße 24, D-22335 Hamburg (DE).
(only for / seulement pour DE)

(71) **PHILIPS AB** [SE/SE]; Kottbygatan 7, Kista, S-164 85 Stockholm (SE).
(only for / seulement pour SE)

(72, 75) **BRÜGGEMANN, Ursula** [DE/FR]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **KOHLMANN, Wilfried, Ludwig** [DE/DE]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **GEBBERS, Jacques, Maria, Jozef** [BE/FR]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN HEES, Antonius, Johannes, Maria** [NL/NL]; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **EVERS, Johannes, H., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) CN 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 98/50943** (13) A1

(21) PCT/IB98/00581

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

(25) en (26) en

(31) 97201349.4 (32) **6 May/mai 1997 (06.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01K 1/46**

(54) ● CAPPED ELECTRIC LAMP
● AMPOULE ELECTRIQUE A CULOT

(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) **MANDERS, Wilhelmus, Johannes, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **VAN DULMEN, Hendrikus, Albertus, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

(74) **EVERS, Johannes, H., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

(81) CN JP KR 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 98/50944** (13) A2

(21) PCT/US98/09190

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/045,673 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(31) 09/072,411 (32) **4 May/mai 1998 (04.05.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L**

(54) ● METHOD AND APPARATUS FOR SELF-DOPING NEGATIVE AND POSITIVE ELECTRODES FOR SILICON SOLAR CELLS AND OTHER DEVICES

● PROCEDE ET APPAREIL POUR LA FABRICATION D'ELECTRODES NEGATIVES ET POSITIVES AUTODOPANTES DESTINEES A DES PHOTOPILES AU SILICIUM ET A D'AUTRES DISPOSITIFS

(71) **EBARA SOLAR, INC.** [US/US]; 811 Route 51 South, Large, PA 15025 (US).

(72) **MEIER, Daniel, L.**; 264 Barclay Avenue, Pittsburgh, PA 15025 (US). **DAVIS, Hubert, P.**; 1141 Sperling Drive, Pittsburgh, PA 15221 (US).

(74) **GRANATELLI, Lawrence, W.** et al. / etc.; Graham & James LLP, 600 Hansen Way, Palto Alto, CA 94304-1043 (US).

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

(11) **WO 98/50945** (13) A2

(21) PCT/US98/09295

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/852,362 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L**

(54) ● LOW DENSITY FILM FOR LOW DIELECTRIC CONSTANT APPLICATIONS
● FILM BASSE DENSITE POUR APPLICATIONS A FAIBLE CONSTANCE DIELECTRIQUE

(71, 72) **SKAMSER, Daniel, J.** [US/US]; 10327 Hackamore Place S.W., Albuquerque, NM 87121 (US). **KODAS, Toivo, T.** [US/US]; 11102 San Rafael Drive, N.E., Albuquerque, NM 87122 (US). **HAMPDEN-SMITH, Mark, J.** [GB/US]; 2901 Maximilian N.W., Albuquerque, NM 87131 (US).

(74) **DOCKERY, David, F.**; McIntosh & Dockery LLC, Suite B-6, 8000 E. Prentice Avenue, Englewood, CO 80111 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50946** (13) A1

(21) PCT/US98/09277

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/853,172 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 21/00**

(54) ● MULTIPLE SINGLE-WAFER LOADLOCK WAFER PROCESSING APPARATUS AND LOADING AND UNLOADING METHOD THEREFOR
● DISPOSITIF DE TRAITEMENT DE TRANCHES A MULTIPLES SAS MONO-TRANCHE ET PROCEDE DE CHARGEMENT ET DE DECHARGEMENT D'UN TEL DISPOSITIF

(71) **TOKYO ELECTRON ARIZONA, INC.** [US/US]; 2120 W. Guadalupe Road, Gilbert, AZ 85233-8205 (US).

(72) **EDWARDS, Richard, C.** (deceased / décédé). **ZIELENSKI, Marian;** 985 Bridge Street, Washington Township, NJ 07675 (US).

(74) **JORDAN, Joseph, R.** et al. / etc.; Wood, Herron & Evans, L.L.P., 2700 Carew Tower, Cincinnati, OH 45202 (US).

(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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(25) en (26) en

(31) 08/853,649 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 21/00, B08B 3/12**

(54) ● METHODS FOR CLEANING SEMICONDUCTOR SURFACES
● PROCEDES DE NETTOYAGE DE SURFACES DE SEMI-CONDUCTEURS

(71) **SEMITOOL, INC.** [US/US]; P.O. Box 7010, Kalispell, MT 59904 (US).

(72) **BERGMAN, Eric, J.**; 2355 Whitefish Stage, Kalispell, MT 59901 (US).

(74) **CROSS, Harry, M., Jr.**; Semitool, Inc., P.O. Box 7010, Kalispell, MT 59904 (US).

(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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(21) PCT/US98/08936

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(31) 9/114556 (32) **2 May/mai 1997 (02.05.1997)** (33) JP

(31) 09/070,680 (32) **30 Apr/avr 1998 (30.04.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 21/302**

(54) ● METHOD FOR ETCHING SILICON WAFER
● PROCEDE D'ATTAQUE DE PLAQUETTE EN SILICIUM

(71) **MEMC ELECTRONIC MATERIALS, INC.** [US/US]; 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US).

(72) **ERK, Henry;** Memc Electronic Materials, Inc., 501 Pearl Drive, P.O. Box 8, St. Peters, MO 63376 (US). **IWAMOTO, Yoshio;** 2226-1, Tokujirou-machi 2, Utsunomiya-city, Tochigi-prefecture 321-2116 (JP). **SUZUKI, Yoshihiro;** 23-3, Honmaru 2-chome, Mibu-machi, Shimotsuga-gum, Tochigi-prefecture 321-0225 (JP). **KIYOTOSHI, Ikeda;** 1746-75, Nishi-fuzakashi, Kamino-kawamachi, Kawachi-gum, Tochigi-prefecture 329-0607 (JP).

(74) **HEJLEK, Edward, J.** et al. / etc.; Senniger, Powers, Leavitt & Roedel, 16th floor, One Metropolitan Square, St. Louis, MO 63102 (US).

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

(11) **WO 98/50949** (13) A2

(21) PCT/US98/07473

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

(25) en (26) en

(31) 08/852,597 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 21/52**

(54) ● PBGA STIFFENER PACKAGE AND METHOD OF MANUFACTURING
● BOITIER DE RENFORCEMENT PBGA ET PROCEDE DE FABRICATION

(71) **LSI LOGIC CORPORATION** [US/US]; 1551 McCarthy Boulevard, Milpitas, CA 95035 (US).

(72) **VONGFUANGFOO, Sutee;** 1375 Lillian Avenue, Sunnyvale, CA 94054 (US). **BACHER, Brent;** 39463 Gallaudet Drive #307, Fremont, CA 94087 (US). **SUMAGAYSAY, Felipe;** 36858 Spruce Street, Newark, CA 94560 (US).

(74) **STOLOWITZ, Micah, D.** et al. / etc.; 1030 S.W. Morrison, 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50950** (13) A1

(21) PCT/JP97/01537

(22) **7 May/mai 1997 (07.05.1997)**

(25) ja (26) ja

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 21/60, 23/12**

(54) ● SEMICONDUCTOR DEVICE AND ITS MANUFACTURE
● DISPOSITIF SEMI-CONDUCTEUR ET PRODUCTION DE CE DISPOSITIF

(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101 (JP). **HITACHI MICROCOMPUTER SYSTEM, LTD.** [JP/JP]; 22-1, Josuihoncho 5-chome, Kodaira-shi, Tokyo 187 (JP).
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(72, 75) **ICHITANI, Masahiro** [JP/JP]; Keio-koganei-mansion 208, 10-19, Nukuikitamachi 2-chome, Koganei-shi, Tokyo 184 (JP). **HARUTA, Ryo** [JP/JP]; 15-2, Gakuennishimachi 3-chome, Kodaira-shi, Tokyo 187 (JP). **YAMAGUCHI, Toshihiro** [JP/JP]; 216, Sunazuka, Nanyo-shi, Yamagata 992-04 (JP). **KIMOTO, Ryosuke** [JP/JP]; 8-6, Hanekami 2-chome, Hamura-shi, Tokyo 205 (JP). **SHIBAMOTO, Masanori** [JP/JP]; Fainhaisu 205, 1164-1, Daimon, Urawa-shi, Saitama 337 (JP).

(74) **TSUTSUI, Yamato;** Tsutsui & Associates, N.S. Excel 301, 22-45, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160 (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).

(11) **WO 98/50951** (13) A1

(21) PCT/JP97/01501

(22) **1 May/mai 1997 (01.05.1997)**

(25) ja (26) ja

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 21/8242, 27/108**

(54) ● SEMICONDUCTOR INTEGRATED CIRCUIT DEVICE AND METHOD FOR MANUFACTURING THE SAME

- CIRCUIT INTEGRE A SEMI-CONDUCTEUR ET PROCEDE POUR PRODUIRE CE CIRCUIT
- (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) **TOKUNAGA, Takafumi** [JP/JP]; 306-130, Shinko, Iruma-shi, Saitama 358 (JP). **YOSHIDA, Makoto** [JP/JP]; Seiwa-Ryo, 769, Shinmachi, Ome-shi, Tokyo 198 (JP). **OOTSUKA, Fumio** [JP/JP]; 1313-11, Yamaguchi, Tokorozawa-shi, Saitama 359 (JP).
- (74) **TSUTSUI, Yamato**; Tsutsui & Associates, N.S. Excel 301, 22-45, Nishishinjuku 7-chome, Shinjuku-ku, Tokyo 160 (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).

(11) **WO 98/50952** (13) A1
 (21) PCT/US98/09244
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 60/045,963 (32) **7 May/mai 1997 (07.05.1997)** (33) US
 (31) 08/892,471 (32) **14 Jul/juil 1997 (14.07.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H01L 23/48, 23/52, 29/40**
- (54) ● BALL GRID ARRAY SEMICONDUCTOR PACKAGE AND METHOD FOR MAKING THE SAME
 - BOITIER DE SEMI-CONDUCTEUR A ENSEMBLE DE BOULES EN GRILLE ET PROCEDE DE FABRICATION DUDIT BOITIER
 - (71) **SIGNETICS KP CO., LTD.** [KR/KR]; 272, Yomchang-dond, Kangsuh-ku, Seoul (KR).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **KARNEZOS, Marcos** [US/US]; 409 Linfield Drive, Menlo Park, CA 94025 (US).
- (74) **PENILLA, Albert, S.**; Hickman & Martine, LLP, P.O. Box 52037, 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 98/50953** (13) A1
 (21) PCT/US98/09392
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 (25) en (26) en
 (31) 08/852,152 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (31) 60/051,366 (32) **30 Jun/juin 1997 (30.06.1997)** (33) US
 (31) 08/955,001 (32) **20 Oct/oct 1997 (20.10.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H01L 23/48, 21/48**

- (54) ● ELECTRONIC COMPONENT HAVING RESILIENT CONTACT ELEMENTS AT AREAS REMOTE FROM CORRESPONDING TERMINALS
- COMPOSANT ELECTRONIQUE A ELEMENTS DE CONTACT ELASTIQUES SUR DES ZONES SITUÉES A DISTANCE DE BORNES CORRESPONDANTES
- (71) **FORMFACTOR, INC.** [US/US]; 5666 La Ribera Street, Livermore, CA 94550 (US).
- (72) **ELDRIDGE, Benjamin, N.**; 651 Sheri Lane, Danville, CA 94526 (US). **KHANDROS, Igor, Y.**; 25 Haciendas Road, Orinda, CA 94563 (US). **MATHIEU, Gaetan, L.**; 659 Orange Way, Livermore, CA 94550 (US). **PEDERSEN, David, V.**; 6 Sterling Lane, Scotts Valley, CA 95066 (US).
- (74) **OKAMOTO, James, K.** 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50954** (13) A1
 (21) PCT/US98/09442
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 60/046,028 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (31) 08/863,511 (32) **27 May/mai 1997 (27.05.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H01L 25/065, 23/49**
- (54) ● STACKED SEMICONDUCTOR DEVICES, PARTICULARLY MEMORY CHIPS
 - EMPILAGE DE DISPOSITIFS A SEMICONDUCTEUR, EN PARTICULIER DES PUCES MEMOIRE
 - (71) **FORMFACTOR, INC.** [US/US]; 5666 La Ribera Street, Livermore, CA 94550 (US).

- (72) **KHANDROS, Igor, Y.**; 25 Haciendas Road, Orinda, CA 94563 (US). **PEDERSEN, David, V.**; 6 Sterling Lane, Scotts Valley, CA 95066 (US).
- (74) **OKAMOTO, James, K.** 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 9709160.7 (32) **6 May/mai 1997 (06.05.1997)** (33) GB
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01L 27/146, 31/0216**
- (54) ● SEMICONDUCTOR IMAGING DEVICE
- DISPOSITIF D'IMAGERIE A SEMI-CONDUCTEUR
- (71) **SIMAGE OY** [FI/FI]; Tekniikantie 12, FIN-02150 Espoo (FI).
- (72) **SPARTIOTIS, Konstantinos, Evengelos**; Kulmakatu 8B, FIN-00170 Helsinki (FI).
- (74) **POTTER, Julian, Mark** et al. / etc.; 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 98/50956** (13) A1
 (21) PCT/US98/05149
 (22) **17 Mar/mar 1998 (17.03.1998)**
 (25) en (26) en
 (31) 60/045,416 (32) **2 May/mai 1997 (02.05.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H01L 29/00**
- (54) ● PATTERNED GROUND SHIELDS FOR INTEGRATED CIRCUIT INDUCTORS
 - BLINDAGES DE MASSE A MOTIFS GEOMETRIQUES POUR INDUCTEURS DE CIRCUITS INTEGRES
 - (71) **THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY** [US/US]; Suite 350, 900 Welch Road, Palo Alto, CA 94304 (US).

- (72) **YUE, C., Patrick**; 1254 Calle de Cuestanada, Milpitas, CA 95035 (US). **WONG, S., Simon**; 1568 Thomas Court, Mountain View, CA 94040 (US).
- (74) **McFARLANE, Thomas, J.**; 426 Lowell 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50957** (13) A1
 (21) PCT/EP97/02308
 (22) **6 May/mai 1997 (06.05.1997)**
 (25) de (26) de
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H01L 29/745, 29/749**

- (54) ● MOS GATE CONTROLLABLE POWER ELECTRONICS COMPONENT
● COMPOSANT DE PUISSANCE A COMMANDE PAR GRILLE MOS
- (71) **DAIMLER-BENZ AKTIENGESELLSCHAFT** [DE/DE]; D-70546 Stuttgart (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHLANGENOTTO, Heinrich** [DE/DE]; Stolzstraße 86, D-63263 Neu-Isenburg (DE).
- (74) **FRÖHLING, Werner**; Daimler-Benz Aktiengesellschaft, Intellectual Property Management, Sedanstrasse 10, Gebäude 17, D-89077 Ulm (DE).
- (81) JP US; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/50958** (13) A1

(21) PCT/FR98/00889

(22) **4 May/mai 1998 (04.05.1998)**

(25) fr (26) fr

(31) 97/05506 (32) **5 May/mai 1997 (05.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 29/76**

- (54) ● DEVICE BASED ON QUANTIC ISLANDS AND METHOD FOR MAKING SAME
● DISPOSITIF A BASE D'ÎLOTS QUANTIQUES ET PROCEDE DE FABRICATION

(71) **COMMISSARIAT A L'ENERGIE ATOMIQUE** [FR/FR]; 31/33, rue de la Féderation, F-75015 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **GAUTIER, Jacques** [FR/FR]; 7, rue des Myosotis, F-38500 Coublevie (FR). **MARTIN, François** [FR/FR]; 17, rue Docteur Calmette, F-38000 Grenoble (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).

(11) **WO 98/50959** (13) A1

(21) PCT/DE98/01239

(22) **5 May/mai 1998 (05.05.1998)**

(25) de (26) de

(31) 197 19 165.7 (32) **6 May/mai 1997 (06.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 29/78, 29/10, 29/423**

- (54) ● SEMICONDUCTOR COMPONENT
● COMPOSANT A SEMICONDUCTEUR

(71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacher Platz 2, D-80333 München (DE).
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(72, 75) **REICHERT, Hansjörg** [DE/DE]; Weissen-seestrasse 83, D-81539 München (DE). **KERSTEN, Jörg** [DE/DE]; Falkenstrasse 19, D-82223 Eichenau (DE). **HÖLTGE, Harald** [DE/DE]; Liebigstrasse 20C, D-80538 München (DE).

(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 98/50960** (13) A1

(21) PCT/US98/08709

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

(25) en (26) en

(31) 08/853,691 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 29/788**

- (54) ● FLOATING GATE MEMORY CELL WITH CHARGE LEAKAGE PREVENTION

- CELLULE MEMOIRE A GRILLE FLOT-TANTE PREVENANT LES FUITES DE CHARGES

(71) **ATMEL CORPORATION** [US/US]; 2325 Orchard Parkway, San Jose, CA 95131 (US).

(72) **LARSEN, Bradley, J.**; 495 Lovell Gulch Road, Woodland Park, CO 80863 (US). **WU, Tsung-Ching**; 12161 Parker Ranch Road, Saratoga, CA 95070 (US).

(74) **SCHNECK, Thomas**; Law Offices of Thomas Schneck, P.O. Box 2-E, San Jose, CA 95109-0005 (US).

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

(11) **WO 98/50961** (13) A1

(21) PCT/US98/09472

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/853,238 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 31/0328**

- (54) ● HETEROJUNCTION BIPOLAR TRANSISTOR HAVING HETEROSTRUCTURE BALLASTING EMITTER

- TRANSISTOR BIPOLAIRE A HETEROJONCTION AVEC EMETTEUR DE PROTECTION A HETEROSTRUCTURE

(71, 72) **YANG, Edward, S.** [US/US]; 3 Hunting Trail, Armonk, NY 10504 (US). **YANG, Yue-Fei** [CN/US]; Apartment 45, 535 West 111th Street, New York, NY 10025 (US).

(74) **MILLER, Charles, E.**; Pennie & Edmonds LLP, 1155 Avenue of the Americas, New York, NY 10036 (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).

(11) **WO 98/50962** (13) A1

(21) PCT/JP98/01994

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

(25) ja (26) ja

(31) 9/116918 (32) **7 May/mai 1997 (07.05.1997)** (33) JP

(31) 10/72347 (32) **20 Mar/mar 1998 (20.03.1998)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 31/04**

- (54) ● SOLAR BATTERY AND PROCESS FOR MANUFACTURING THE SAME

- CELLULE SOLAIRE ET PROCEDE DE FABRICATION

(71) **ASAHI KASEI KOGYO KABUSHIKI KAISHA** [JP/JP]; 2-6, Dojimahama 1-chome, Kita-ku, Osaka-shi, Osaka 530-8205 (JP).
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(72, 75) **NAKAZAWA, Hidenobu** [JP/JP]; Asahi Kasei Dai 5 Fuji-ryo 507, 100, Kawanarjima, Fuji-shi, Sizuoka 416-0937 (JP). **WATANABE, Takayuki** [JP/JP]; Asahi Kasei Nishi Apart 413, 100, Kawanarjima, Fuji-shi, Sizuoka 416-0939 (JP).

(74) **MORI, Tetsuya** et al. / etc.; Nichiei Koku-sai Tokkyo Jimusho, Muraki Building, 8th floor, 7, Kanda-Kajicho 3-chome, Chiyoda-ku, Tokyo 101-0045 (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).

(11) **WO 98/50963** (13) A1

(21) PCT/IL98/00215

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 120807 (32) **8 May/mai 1997 (08.05.1997)** (33) IL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 31/115, G01T 1/24**

- (54) ● ROOM TEMPERATURE SOLID STATE GAMMA OR X-RAY DETECTORS

- DETECTEURS SOLIDES DE RAYONS X OU GAMMA A TEMPERATURE AMBIANTE

(71) **STATE OF ISRAEL, ATOMIC ENERGY COMMISSION SOREQ NUCLEAR RESEARCH CENTER** [IL/IL]; Nahal Soreq, 81800 Yavne (IL).
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(72, 75) **EISEN, Yosef** [IL/IL]; Branitzky Street 19, 75239 Rishon LeZion (IL). **SHOR, Asher** [IL/IL]; Sirkis Street 4/2, 95436 Jerusalem (IL).

(74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (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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(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/046,027 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 08/933,789 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 35/28, 35/29, 31/00**

(54) ● NIGHTTIME SOLAR CELL
● CELLULE SOLAIRE DE NUIT

(71, 72) **PARISE, Ronald, J.** [US/US]; 101 Wendover Road, Suffield, CT 06078 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50965** (13) A1

(21) PCT/US98/07579

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

(25) en (26) en

(31) 08/850,809 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 39/24**

(54) ● METHOD FOR PREPARATION OF SUBSTRATES FOR THIN FILM SUPERCONDUCTORS AND IMPROVED DEVICES INCORPORATING SUBSTRATES

● PROCEDE DE PREPARATION DE SUBSTRATS POUR SUPRACONDUCTEURS A COUCHE MINCE ET DISPOSITIFS PERFECTIONNES RENFERMANT CES SUBSTRATS

(71) **SUPERCONDUCTOR TECHNOLOGIES, INC.** [US/US]; Suite F, 460 Ward Drive, Santa Barbara, CA 93111-2310 (US).

(72) **EDDY, Michael, M.**; 3917 Antone Road, Santa Barbara, CA 93110 (US). **ZUCK, Betty, F.**; 254 Winchester Drive, Goleta, CA 93117 (US). **FIRPO, Gregory, G.**; 1131 Bath Street, Santa Barbara, CA 93101 (US).

(74) **MURPHY, David, B.** et al. / etc.; Lyon & Lyon LLP, Suite 4700, 633 West Fifth Street, Los Angeles, CA 90071-2066 (US).

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

(11) **WO 98/50966** (13) A1

(21) PCT/US98/08123

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

(25) en (26) en

(31) 08/852,505 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01L 41/10**

(54) ● SINGLE-INPUT PHASE LOCKING PIEZOELECTRIC TRANSFORMER DRIVING CIRCUIT

● CIRCUIT D'ATTAQUE D'UN TRANSFORMATEUR PIEZO-ELECTRIQUE A PHASE ASSERVIE A ENTREE UNIQUE

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **MECH, Harold, W.**; 5601 Cresta Luna Court N.E., Albuquerque, NM 87111 (US).

(74) **CUNNINGHAM, Gary, J.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

(11) **WO 98/50967** (13) A1

(21) PCT/US98/08953

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

(25) en (26) en

(31) 08/848,853 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01M 2/00**

(54) ● CURRENT INTERRUPT DEVICE FOR SECONDARY BATTERIES

● DISPOSITIF D'INTERRUPTION DE COURANT POUR ACCUMULATEURS SECONDAIRES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **DECKER, Edward, V.**; 2130 Dawn Court, Suwanee, GA 30174 (US). **THOMAS, George**; 415 Silverthorne Point, Lawrenceville, GA 30243 (US). **DESAI, Venus**; 1488 Ridge Point Drive, Lawrenceville, GA 30243 (US). **MEADOWS, Vernon**; 4745 Bridgewater Drive, Lilburn, GA 30047 (US). **BRESIN, Mark**; 1571 N.W. 105th Avenue, Plantation, FL 33322 (US).

(74) **FULLER, Andrew, S.** 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 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; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50968** (13) A1

(21) PCT/GB98/01272

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

(25) en (26) en

(31) 9708873.6 (32) **1 May/mai 1997 (01.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01M 4/38, C01B 3/00**

(54) ● HYDROGEN STORAGE MATERIALS

● MATIERES PERMETTANT L'ACCUMULATION D'HYDROGENE

(71) **JOHNSON MATTHEY PUBLIC LIMITED COMPANY** [GB/GB]; 2-4 Cockspur Street, London SW1Y 5BQ (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **DOYLE, Mark, Laurence** [GB/GB]; 2 Tuthill Court, Kelshall Road, Therfield, Royston, Hertfordshire SG8 9TT (GB). **HARRIS, Ivor, Rex** [GB/GB]; 30 Selly Wick Road, Selly Park, Birmingham B20 7JA (GB). **PRATT, Allin, Sidney** [GB/GB]; 6 The Limes, Crowmarsh Gifford, Wallingford, Oxfordshire OX10 8HF (GB). **WILLEY, David, Benjamin** [GB/GB]; 35 Corvedale Road, Selly Oak, Birmingham B29 4LG (GB).

(74) **WISHART, Ian, Carmichael**; Johnson Matthey Technology Centre, Blounts Court, Sonning Common, Reading RG4 9NH (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).

Published / Publiée : (a)

(11) **WO 98/50969** (13) A1

(21) PCT/US98/08824

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,360 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01M 4/42, 4/12**

(54) ● ZINC SHAPES FOR ANODES OF ELECTROCHEMICAL CELLS

● FORMES DE ZINC POUR ANODES DE CELLULES ELECTROCHIMIQUES

(71) **EVEREADY BATTERY COMPANY, INC.** [US/US]; 25225 Detroit Road, Westlake, OH 44145 (US).

(71, 72) **URRY, Lewis, F.** [US/US]; 36263 Butternut Ridge, Elyria, OH 44039 (US). **CLASH, David, G.** [US/US]; 22780 Esther Avenue, Fairview Park, OH 44126 (US). **TANG, Nghia, Cong** [CH/US]; 26955 Arbor Lane, Olmsted Township, OH 44138 (US). **MANSFIELD, Robert, N., Jr.** [US/US]; 13535 South Partridge Drive, Valley View, OH 44125 (US). **RANDELL, Chris** [GB/GB]; 20 Woolsingham Drive, Newton Hall, Durham DH1 5SP (GB).

(74) **WELSH, Robert, W.** et al. / etc.; Eveready Battery Company, Inc., 25225 Detroit Road, Westlake, OH 44145 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50970** (13) A1

(21) PCT/IL98/00207

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 120784 (32) **5 May/mai 1997 (05.05.1997)** (33) IL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01M 4/52, 4/58, 4/36, 8/22**

(54) ● AN IRON-BASED STORAGE BATTERY

● PILE ELECTRIQUE A BASE DE FER

(71) **CHEMERGY LTD.** [IL/IL]; Gutwirth Science Park, Technion City, 32000 Haifa (IL).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **LICHT, Stuart** [IL/IL]; Soroka Street 39, 34759 Haifa (IL).
- (74) **REINHOLD COHN AND PARTNERS**; P.O. Box 4060, 61040 Tel Aviv (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).

Published / Publiée : (c)

- (11) **WO 98/50971** (13) A1
- (21) PCT/US97/24197
- (22) **30 Dec/déc 1997 (30.12.1997)**
- (25) en (26) en
- (31) 08/853,377 (32) **8 May/mai 1997 (08.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01M 4/56, 4/62**
- (54) ● IMPROVED BATTERY PASTE COMPOSITIONS AND ELECTROCHEMICAL CELLS FOR USE THEREWITH
- COMPOSITIONS DE PATE A BATTERIE AMELIOREES ET CELLULES ELECTROCHIMIQUES UTILISEES AVEC CELLES-CI
- (71) **OPTIMA BATTERIES, INC.** [US/US]; 17500 East 22nd Avenue, Aurora, CO 80011 (US).
- (72) **OLSON, John, B.**; 1520 Findlay Way, Boulder, CO 80303 (US).
- (74) **GOODWIN, Michael, A.** et al. / etc.; Klaas, Law, O'Meara & Malkin, P.C., Suite 2225, 1999 Broadway, Denver, CO 80202 (US).
- (81) AU BR CA JP KR; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50972** (13) A1
- (21) PCT/US98/09008
- (22) **4 May/mai 1998 (04.05.1998)**
- (25) en (26) en
- (31) 60/045,801 (32) **7 May/mai 1997 (07.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01M 4/68**
- (54) ● LEAD-ACID CELL AND POSITIVE PLATE AND ALLOY THEREFOR
- ACCUMULATEUR AU PLOMB, PLAQUE POSITIVE ET ALLIAGE AFFERENTS
- (71) **GNB TECHNOLOGIES, INC.** [US/US]; 1110 Centre Point Curve, Mendota Heights, MN 55118 (US).
- (72) **LARSEN, Steven, R.**; 7892 28 Street N., Oakdale, MN 55128 (US).
- (74) **COONS, Gordon, R.** et al. / etc.; Leydig, Voit & Mayer, Ltd., Two Prudential Plaza, Suite 4900, 180 North Stetson, Chicago, IL 60601-6780 (US).
- (81) AU BR CA CN JP KR MX; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/50973** (13) A1
- (21) PCT/CA98/00430
- (22) **30 Apr/avr 1998 (30.04.1998)**
- (25) en (26) en
- (31) 08/846,653 (32) **1 May/mai 1997 (01.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01M 8/02, 8/24**
- (54) ● POLYMER ELECTROLYTE MEMBRANE FUEL CELL WITH FLUID DISTRIBUTION LAYER HAVING INTEGRAL SEALING CAPABILITY
- PILE A COMBUSTIBLE A MEMBRANE ELECTROLYTIQUE POLYMERE AVEC COUCHE DE DISTRIBUTION FLUIDIQUE A CAPACITE D'ETANCHEITE INTEGREE
- (71) **BALLARD POWER 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) **WILKINSON, David, P.** [CA/CA]; 1391 Coleman Street, North Vancouver, British Columbia V7R 1W4 (CA). **STUMPER, Juergen** [DE/CA]; 3538 Copley Street, Vancouver, British Columbia V5N 5B2 (CA). **CAMPBELL, Stephen, A.** [GB/CA]; 11323 261st Street, Maple Ridge, British Columbia V2W 1H2 (CA). **DAVIS, Michael, T.** [CA/CA]; #18-1370 Riverwood Gate, Port Coquitlam, British Columbia V3B 7V7 (CA). **LAMONT, Gordon, J.** [CA/CA]; 501 Garfield Street, New Westminster, British Columbia V3L 4A6 (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).

- (11) **WO 98/50974** (13) A1
- (21) PCT/US98/09262
- (22) **6 May/mai 1998 (06.05.1998)**
- (25) en (26) en
- (31) 60/046,335 (32) **7 May/mai 1997 (07.05.1997)** (33) US
- (31) 09/072,585 (32) **5 May/mai 1998 (05.05.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01M 8/18**
- (54) ● RECYCLING OF CARBON DIOXIDE INTO METHYL ALCOHOL AND RELATED OXYGENATES OR HYDROCARBONS
- RECYCLAGE DE DIOXYDE DE CARBONE EN METHANOL ET COMPOSES OXYGENES OU HYDROCARBURES CORRESPONDANTS
- (71, 72) **OLAH, George, A.** [US/US]; 2252 Gloaming Way, Beverly Hills, CA 90210 (US). **PRAKASH, G., K., Surya** [US/US]; 1946 Deerpeak Drive, Hacienda Heights, CA 91745 (US).
- (74) **FANUCCI, Allan, 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 KE KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW 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 98/50975** (13) A1
- (21) PCT/DE98/01271
- (22) **4 May/mai 1998 (04.05.1998)**
- (25) de (26) de
- (31) 197 18 970.9 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01M 8/24, 8/04, 8/06**
- (54) ● INTEGRAL PEM FUEL CELL HEATING MODULE AND THE USE THEREOF, AND PEM FUEL CELL STACKS
- MODULE DE CHAUFFAGE MONOBLOC A CELLULES ELECTROCHIMIQUES A MEMBRANE ELECTROLYTIQUE EN POLYMERE, SON UTILISATION ET PILE DE CELLULES ELECTROCHIMIQUES A MEMBRANE ELECTROLYTIQUE EN POLYMERE
- (71) **ZENTRUM FÜR SONNENERGIE- UND WASSERSTOFF-FORSCHUNG BADEN WÜRTTEMBERG GEMEINNÜTZIGE STIFTUNG** [DE/DE]; Hessbrühlstrasse 21c, D-70565 Stuttgart (DE).
- (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ROHLAND, Bernd** [DE/DE]; Lehrerstrasse 3, D-89081 Ulm (DE). **SCHOLTA, Joachim** [DE/DE]; Wörthweg 10, D-89233 Neu-Ulm (DE). **ZETTISCH, Georg** [DE/DE]; Friedenstrasse 32/2, D-89073 Ulm (DE). **EPPLER, Wolfgang** [DE/DE]; Zwischen den Wegen 4, D-88471 Laupheim (DE). **PLZAK, Wojtech** [DE/DE]; Hindenburgstrasse 71, D-73207 Plochingen (DE).
- (74) **MERKLE, Gebhard**; Ter Meer, Steinmeister & Partner, Mauerkircherstrasse 45, D-81679 München (DE).
- (81) CA US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

Published / Publiée : (c)

- (11) **WO 98/50976** (13) A1
- (21) PCT/US98/09079
- (22) **4 May/mai 1998 (04.05.1998)**
- (25) en (26) en
- (31) 60/046,027 (32) **9 May/mai 1997 (09.05.1997)** (33) US
- (31) 08/933,664 (32) **17 Sep/sep 1997 (17.09.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01M 10/50, 14/00**
- (54) ● QUICK CHARGE BATTERY WITH THERMAL MANAGEMENT
- BATTERIE A CHARGE RAPIDE ET A GESTION THERMIQUE
- (71, 72) **PARISE, Ronald, J.** [US/US]; 101 Wendover Road, Suffield, CT 06078 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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(11) **WO 98/50977** (13) A1

(21) PCT/SE98/00822

(22) 5 May/mai 1998 (05.05.1998)

(25) sv (26) en

(31) 9701738-8 (32) 7 May/mai 1997 (07.05.1997) (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H01Q 1/38

- (54) ● DUAL-POLARIZED ANTENNA AND SINGLE-POLARIZED ANTENNA
● ANTENNE BIPOLARISEE ET ANTENNE MONOPOLARISEE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) SNYGG, Göran; Krondammsvägen 67, S-433 43 Partille (SE). SANDSTEDT, Jonas; Mäster Bengtsgatan 9, S-412 62 Göteborg (SE).

(74) GRAUDUMS, Valdis et al. / etc.; Albihs Patentbyrå Göteborg AB, P.O. Box 142, S-401 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50978 (13) A1

(21) PCT/FR98/00882

(22) 30 Apr/avr 1998 (30.04.1998)

(25) fr (26) fr

(31) 97/05469 (32) 2 May/mai 1997 (02.05.1997) (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H01Q 1/44, 19/13, H01L 31/058

- (54) ● REFLECTOR-SENSOR WITH PHOTOVOLTAIC CELLS AND COMMUNICATION SYSTEM COMPRISING SUCH A REFLECTOR-SENSOR

- REFLECTEUR-CAPTEUR A CELLULES PHOTOVOLTAIQUES ET SYSTEME DE COMMUNICATION COMPORTANT UN TEL REFLECTEUR-CAPTEUR

(71) MANUFACTURE D'APPAREILLAGE ELECTRIQUE DE CAHORS [FR/FR]; Regourd, F-46000 Cahors (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) ORENGO, Francis [FR/FR]; 25, avenue de l'Europe, F-92310 Sèvres (FR). BOURRIERES, Philippe [FR/FR]; 38, rue Armand Bérauld, F-46090 Pradines (FR).

(74) KEIB, Gérard et al. / etc.; Novamark Technologies, 122, rue Edouard Vaillant, F-92593 Levallois Perret 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 HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50979 (13) A1

(21) PCT/FR98/00890

(22) 4 May/mai 1998 (04.05.1998)

(25) fr (26) fr

(31) 97/05508 (32) 5 May/mai 1997 (05.05.1997) (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H01Q 3/26, 21/22, G01S 7/40

- (54) ● ACTIVE ANTENNA COMPRISING RADIATING ELEMENTS WITH REDUNDANT ARCHITECTURE

- ANTENNE ACTIVE A RESEAU D'ELEMENTS RAYONNANTS A ARCHITECTURE REDONDANTE

(71) ALCATEL [FR/FR]; 54, rue de la Boétie, F-75008 Paris (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) DOLMETA, Florence [FR/FR]; 17, chemin de Cassebois, F-31270 Cugnaux (FR). VOISIN, Philippe [FR/FR]; 9, rue des Capitouls, F-31170 Tournefeuille (FR).

(74) MOULIN, Béatrice et al. / etc.; Compagnie Financière Alcatel, Dépt. Propriété Industrielle, 30, 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).

(11) WO 98/50980 (13) A1

(21) PCT/SE98/00794

(22) 29 Apr/avr 1998 (29.04.1998)

(25) en (26) en

(31) 9701684-4 (32) 5 May/mai 1997 (05.05.1997) (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H01Q 3/40

- (54) ● BUTLER BEAM PORT COMBINING FOR HEXAGONAL CELL COVERAGE

- COMBINAISON DES PORTS DE FAISCEAUX BUTLER DESTINEE A UNE COUVERTURE DE CELLULE HEXAGONALE

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) JOHANNISSON, Björn; Kaptensgatan 9, S-434 31 Kungälv (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50981 (13) A1

(21) PCT/SE98/00827

(22) 5 May/mai 1998 (05.05.1998)

(25) en (26) en

(31) 9701722-2 (32) 7 May/mai 1997 (07.05.1997) (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H01Q 3/40, 25/04

(54) ● RADIO ANTENNA SYSTEM

- SYSTEME D'ANTENNE RADIO

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) DERNERYD, Sven, Anders, Gösta; Pappersmarkargatan 6, S-422 44 Hisings Backa (SE). PETERSSON, Sven, Oscar; Rotevägen 1, S-433 69 Sävedalen (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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(31) 9701716-4 (32) 7 May/mai 1997 (07.05.1997) (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H01Q 11/04

- (54) ● METHOD AND DEVICE IN ISDN NETWORK

- PROCEDE ET DISPOSITIF DESTINES A UN RESEAU RNIS

(71) TELEFONAKTIEBOLAGET LM ERICSSON (publ) [SE/SE]; S-126 25 Stockholm (SE). TELIA AB [SE/SE]; S-123 86 Farsta (SE).
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(72, 75) ABRAHAMSSON, Leif [SE/SE]; Näsbydalsvägen 16, S-183 31 Täby (SE).

(74) HERBJÖRNSEN, Rut et al. / etc.; Albihs 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50983 (13) A1

(21) PCT/US98/09387

(22) 8 May/mai 1998 (08.05.1998)

(25) en (26) en

(31) 08/853,833 (32) 9 May/mai 1997 (09.05.1997) (33) US

(31) 09/064,525 (32) 23 Apr/avr 1998 (23.04.1998) (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H01Q 21/06, 21/24, H04B 7/10

- (54) ● COMMUNICATIONS SYSTEM
● SYSTEME DE COMMUNICATIONS
- (71) **ADVANCED TECHNOLOGIES INTERNATIONAL, LTD.** [BS/BS]; Unwala House, East Street North, P.O. Box M-8097, Nassau (BS).
- (71, 72) **SMITH, Stephen, H.** [US/US]; 407 Parkwood Lane, Leucadia, CA 92024 (US).
- (74) **BRAINARD, Charles, R.** et al. / etc.; Kenyon & Kenyon, 1025 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/50984** (13) A1
(21) PCT/US98/09203
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 60/045,659 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01R 4/50**

- (54) ● ELECTRICAL WIRE CONNECTOR
● CONNECTEUR POUR FILS ELECTRIQUES
- (71) **THE WHITAKER CORPORATION** [US/US]; Suite 450, 4550 New Linden Hill Road, Wilmington, DE 19808 (US).
- (72) **ADLER, Kevin, M.**; 6074 Mayfair Drive, Harrisburg, PA 17112 (US). **REYNER, Emerson, M., II**; R.D. 1, Box 514, Palmyra, PA 17078 (US).
- (74) **VAN ATTEN, Mary, 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 98/50985** (13) A1
(21) PCT/US98/09010
(22) **4 May/mai 1998 (04.05.1998)**
(25) en (26) en
(31) 08/852,116 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(31) 08/955,563 (32) **17 Oct/oct 1997 (17.10.1997)** (33) US(31) 60/063,927 (32) **31 Oct/oct 1997 (31.10.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01R 13/24, 23/72, H05K 7/10**

- (54) ● MULTI-MODE COMPLIANT CONNECTOR AND REPLACEABLE CHIP MODULE UTILIZING THE SAME
● CONNECTEUR AUTO-ADAPTATIF MULTIMODE ET MODULE DE MICROPLAQUETTE L'UTILISANT

(63) US 08/852,116 (CIP)
6 May/mai 1997 (06.05.1997)
US 08/955,563 (CIP)
17 Oct/oct 1997 (17.10.1997)
US 60/063,927 (CIP)
31 Oct/oct 1997 (31.10.1997)

(71) **GRYPHICS, INC.** [US/US]; 279 North Medina Street, Loretto, MN 55357 (US).
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(72, 75) **RATHBURN, James, J.** [US/US]; 5454 Pagenkopf Road, Maple Plain, MN 55359 (US).

(74) **SCHWAPPACH, Karl, G.** et al. / etc.; Faegre & Benson LLP, 2200 Norwest Center, 90 South Seventh Street, Minneapolis, MN 55402 (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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50986** (13) A1

(21) PCT/IL98/00204

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

(25) en (26) en

(31) 120754 (32) **1 May/mai 1997 (01.05.1997)** (33) IL

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01S 3/08, 3/098**

- (54) ● OPTICAL RESONATORS WITH DISCONTINUOUS PHASE ELEMENTS
● RESONATEURS OPTIQUES PRESENTANT DES ELEMENTS DE PHASE DISCONTINUE

(71) **YEDA RESEARCH AND DEVELOPMENT CO. LTD.** [IL/IL]; P.O. Box 95, 76100 Rehovot (IL).
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(72, 75) **DANZIGER, Yochay** [IL/IL]; Sdeh Nachum Street 5/26, 75284 Rishon LeZion (IL). **FRIESEM, Asher, A.** [IL/IL]; Weizmann Institute of Science, Neve Metz 15, 76100 Rehovot (IL). **ORON, Ram** [IL/IL]; Busel Street 26, 76404 Rehovot (IL).

(74) **COLB, Sanford, T.**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/50987** (13) A1

(21) PCT/DE98/01260

(22) **6 May/mai 1998 (06.05.1998)**

(25) de (26) de

(31) 197 18 997.0 (32) **6 May/mai 1997 (06.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01S 3/082, 3/06**

- (54) ● LASER EMITTER UNIT, SPECIALLY FOR DATA TRANSFER IN WAVELENGTH MULTIPLEXING

● UNITE D'EMISSION LASER, EN PARTICULIER POUR LA TRANSMISSION DE MESSAGES AVEC MULTIPLEXAGE EN LONGUEUR D'ONDE

(71) **AMS OPTOTECH VERTRIEB GMBH** [DE/DE]; Fraunhoferstrasse 22, D-82152 Martinsried (DE).
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(72, 75) **MÜLLER, Claus-Georg** [DE/DE]; Berchemstrasse 18, D-82152 Krailling (DE).

(74) **EDER & SCHIESCHKE**; Elisabethstrasse 34/II, D-80796 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 98/50988** (13) A1

(21) PCT/US98/09283

(22) **8 May/mai 1998 (08.05.1998)**

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(31) 08/848,423 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H01S 3/13, 3/133, G02F 2/00, H04B 10/16**

- (54) ● LASER WAVELENGTH CONTROL DEVICE
● DISPOSITIF DE COMMANDE DE LA LONGUEUR D'ONDE D'UN LASER

(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). **HARMON, Stephen, R.**; 208 McCamish Court, Severn, MD 21144 (US).

(74) **DAISAK, Daniel, N.**; Ciena Corporation, Legal Dept., 920 Elkridge Landing Road, Linthicum, MD 21090 (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).

(11) **WO 98/50989** (13) A2

(21) PCT/US98/09480

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,061 (32) **9 May/mai 1997 (09.05.1997)** (33) US(31) 08/859,468 (32) **19 May/mai 1997 (19.05.1997)** (33) US(31) 60/053,176 (32) **18 Jul/juil 1997 (18.07.1997)** (33) US(31) 09/010,594 (32) **22 Jan/jan 1998 (22.01.1998)** (33) US

- (31) Not furnished / non communiqué (32) **7 May/mai 1998 (07.05.1998)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01S 3/14**
- (54) ● ORGANIC LASERS
● LASERS ORGANIQUES
- (71) **THE TRUSTEES OF PRINCETON UNIVERSITY** [US/US]; P.O. Box 36, Princeton, NJ 08544 (US).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **FORREST, Stephen, R.** [US/US]; 148 Hunt Drive, Princeton, NJ 08540 (US). **BULOVIC, Vladimir** [US/US]; 41-B Middlesex Avenue, Metuchen, NJ 08840 (US). **BURROWS, Paul** [US/US]; 413 Clarksville Road, Princeton Junction, NJ 08550 (US). **KOZLOV, Vladimir** [US/US]; 2907 Fox Run Drive, Plainsboro, NJ 08536 (US).
- (74) **MEAGHER, Thomas, F.** et al. / etc.; Kenyon & Kenyon, One Broadway, New York, NY 10004 (US).
- (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 98/50990** (13) A1
- (21) PCT/EP98/01877
- (22) **1 Apr/avr 1998 (01.04.1998)**
- (25) de (26) de
- (31) 197 18 660.2 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H01T 2/00**
- (54) ● METHOD FOR TRIGGERING A GAS INSULATED SWITCHING SPARK GAP AND DEVICE USING SAID METHOD
● PROCEDE D'AMORÇAGE D'UN ECLATEUR DE COMMUTATION ISOLE PAR GAZ ET DISPOSITIF PERMETTANT DE METTRE LE-DIT PROCEDE EN OEUVRE
- (71) **FORSCHUNGSZENTRUM KARLSRUHE GMBH** [DE/DE]; Weberstrasse 5, D-76133 Karlsruhe (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BLUHM, Hansjoachim** [DE/DE]; Nibelungengring 61, D-76297 Stutensee (DE). **FREY, Wolfgang** [DE/DE]; Vorholzstrasse 50, 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).
- Published / Publiée : (c)
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- (11) **WO 98/50991** (13) A1
- (21) PCT/SE98/00841
- (22) **7 May/mai 1998 (07.05.1998)**
- (25) sv (26) en
- (31) 9701714-9 (32) **7 May/mai 1997 (07.05.1997)** (33) SE
- (31) 9704065-3 (32) **6 Nov/nov 1997 (06.11.1997)** (33) SE
- (31) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H02G 9/02**
- (54) ● CONCRETE COVER FRAMES FOR ANODE NETS
● PROTECTION EN BETON POUR RESEAU D'ANODES
- (71) **VATTENFALL AB (publ)** [SE/SE]; S-162 87 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **SCHOENING, Jan-Christer** [SE/SE]; Fällvägen 18, S-179 60 Stenhamra (SE). **EDLUND, Håkan** [SE/SE]; Ormängsgatan 23, S-165 56 Hässelby (SE). **SIJÖDIN, Jan-Olov** [SE/SE]; Abiskovägen 18, S-162 68 Vällingby (SE).
- (74) **AWAPATENT AB**; P.O. Box 45086, S-104 30 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 GW HU ID IL IS JP KE KG KP KR KZ 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 98/50992** (13) A1
- (21) PCT/EP98/02524
- (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) de (26) de
- (31) 197 18 631.9 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H02H 7/085**
- (54) ● METHOD FOR CONTROLLING THE CLOSING PROCESS OF CLOSING DEVICES WITH AT LEAST ONE PART MOVED BY AN ELECTROMOTOR
● PROCEDE DE COMMANDE DE LA FERMETURE DE DISPOSITIFS DE FERMETURE POURVUS D'AU MOINS UNE PARTIE DEPLACEE PAR MOTEUR ELECTRIQUE
- (71) **TEMIC TELEFUNKEN MICROELECTRONIC GMBH** [DE/DE]; Theresienstrasse 2, D-74072 Heilbronn (DE).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BUTSCHER, Karlheinz** [DE/DE]; Mörikestrasse 7, D-88085 Langenargen (DE). **DRIENDL, Dieter** [DE/DE]; Am Dürrenbach 12, D-88693 Deggenhausertal (DE). **ULKE, Walter** [DE/DE]; Riedheimerstrasse 43, D-88048 Friedrichshafen (DE).
- (74) **KOLB, Georg**; Daimler-Benz Aktiengesellschaft, Theresienstrasse 2, D-74072 Heilbronn (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 98/50993** (13) A1
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- (22) **4 May/mai 1998 (04.05.1998)**
- (25) en (26) en
- (31) 314754 (32) **6 May/mai 1997 (06.05.1997)** (33) NZ
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H02J 1/00, 3/00, H01F 38/14**
- (54) ● INDUCTIVE POWER TRANSFER ACROSS AN EXTENDED GAP
● TRANSFERT D'ENERGIE INDUCTIF A TRAVERS UN ESPACE ETENDU
- (71) **AUCKLAND UNISERVICES LIMITED** [NZ/NZ]; Uni Services House, Level 7, 58 Symonds Street, Auckland 1001 (NZ).
(for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **BOYS, John, Talbot** [NZ/NZ]; 15A Island Bay Road, Birkdale, Auckland 1310 (NZ).
- (74) **PIPER, James, William** et al. / etc.; James W. Piper & Co., Wellesley Street, P.O. Box 5298, Auckland 1036 (NZ).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50994** (13) A1
- (21) PCT/US98/07759
- (22) **17 Apr/avr 1998 (17.04.1998)**
- (25) en (26) en
- (31) 08/850,232 (32) **2 May/mai 1997 (02.05.1997)** (33) US
- (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H02J 3/16, H03K 3/72**
- (54) ● A CIRCUIT AND METHOD FOR CONTROLLING POWER AND PERFORMANCE BASED ON OPERATING ENVIRONMENT
● CIRCUIT ET PROCEDE DE COMMANDE DE L'ALIMENTATION ET DE LA PERFORMANCE BASE SUR L'ENVIRONNEMENT D'EXPLOITATION
- (71) **INTEL CORPORATION** [US/US]; 2200 Mission College Boulevard, Santa Clara, CA 95054 (US).
- (72) **JACKSON, Robert, T.**; 419 - 15 Camille Circle, San Jose, CA 95134 (US). **NACHTSHEIM, Stephen, P.**; 420 Walsh Avenue, Atherton, CA 94027 (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 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).
- Published / Publiée : (c)

- (11) **WO 98/50995** (13) A1
(21) PCT/US98/08696
(22) **30 Apr/avr 1998 (30.04.1998)**
(25) en (26) en
(31) 08/851,095 (32) **5 May/mai 1997 (05.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H02J 7/00**
(54) ● BATTERY WITH CHARGE CONTROL CIRCUITRY
● BATTERIE A CIRCUIT DE CONTROLE DE CHARGE
(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
(72) **WAKEFIELD, Ivan, Nelson**; 107 Odessa Circle, Cary, NC 27513 (US).
(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & 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 98/50996** (13) A2
(21) PCT/US98/09077
(22) **4 May/mai 1998 (04.05.1998)**
(25) en (26) en
(31) 60/046,027 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(31) 08/934,270 (32) **19 Sep/sep 1997 (19.09.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H02J 7/00**
(54) ● REMOTE VEHICLE CHARGING SYSTEM
● SYSTEME DE CHARGE DE VEHICULE A DISTANCE
(71, 72) **PARISE, Ronald, J.** [US/US]; 101 Wendover Road, Suffield, CT 06078 (US).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/50997** (13) A1
(21) PCT/US98/08909
(22) **1 May/mai 1998 (01.05.1998)**
(25) en (26) en
(31) 08/853,751 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H02J 7/00**
(54) ● BATTERY WITH CHARGE CONTROL CIRCUITRY
● BATTERIE A CIRCUIT DE CONTROLE DE CHARGE
(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
(72) **WAKEFIELD, Ivan, Nelson**; 107 Odessa Circle, Cary, NC 27513 (US).
(74) **MOORE, Stanley, R.** et al. / etc.; Jenkins & 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 98/50998** (13) A1
(21) PCT/GB98/01304
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 9709179.7 (32) **6 May/mai 1997 (06.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H02K 16/02, H02P 7/74**
(54) ● A MOTOR
● MOTEUR
(71) **NOTETRY LIMITED** [GB/GB]; Kingsmead Mill, Little Somerford, Wiltshire SN15 5JN (GB).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **PHILLIPS, Neil, William** [GB/GB]; Dyson Appliances Limited, Tetbury Hill, Malmesbury, Wiltshire SN16 0RP (GB).
(74) **DEVONS, David, Jon**; 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/50999** (13) A1
(21) PCT/US98/07791
(22) **17 Apr/avr 1998 (17.04.1998)**
(25) en (26) en
(31) 08/853,740 (32) **9 May/mai 1997 (09.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H02K 41/00**
(54) ● DUAL-DIRECTIONAL FIELD COIL ACTUATOR
● ACTIONNEUR A BOBINE DE CHAMP BIDIRECTIONNEL
(71) **AURA SYSTEMS, INC.** [US/US]; 2235 Alaska Avenue, El Segundo, CA 90245 (US).
(72) **KOTSIANAS, Panajiotis**; 1638 Morgan Lane, Redondo Beach, CA 90278 (US). **STUART, Keith**; 4556 Wellington Court, Cypress, CA 90630 (US). **MORINIGÓ, Fernando, B.**; 10770 National Place, Los Angeles, CA 90034 (US). **VAN ALLEN, Richard**; 435 South Rodeo Drive, Beverly Hills, CA 90212 (US). **STAMPKE, Stuart, Reh**; 17803 Superior Street #215, Northridge, CA 91325 (US). **KING, Ethan, Howard**; 132 28th Street, Hermosa Beach, CA 90245 (US).
(74) **MOJIBI, Kathy**; Aura Systems, Inc., 2335 Alaska Avenue, El Segundo, CA 90245 (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 98/51000** (13) A1
(21) PCT/US98/09205
(22) **6 May/mai 1998 (06.05.1998)**
(25) en (26) en
(31) 08/852,190 (32) **6 May/mai 1997 (06.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H02K 41/00**
(54) ● SINGLE PLANE MOTOR SYSTEM GENERATING ORTHOGONAL MOVEMENT
● SYSTEME DE MOTEURS FONCTIONNANT DANS UN SEUL PLAN ET PRODUISANT UN MOUVEMENT ORTHOGONAL
(71) **NORTHERN MAGNETICS, INC.** [US/US]; 25026 Anza Drive, Santa Clarita, CA 91355 (US).
(72) **HINDS, Walter, E.**; 1358 Schuyler, Beverly Hills, CA 90120 (US).
(74) **BERMAN, Charles**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025-3395 (US).
(81) 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 98/51001** (13) A1
(21) PCT/US97/07428
(22) **1 May/mai 1997 (01.05.1997)**
(25) en (26) en
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H02M 1/00, H09K 11/00**
(54) ● BRIDGE RECTIFIER CONFIGURATION AND MOUNTING FOR SUPPLYING EXCITER CURRENT IN AN AC GENERATOR
● STRUCTURE DE PONT REDRESSEUR ET MONTAGE POUR ALIMENTER UN GENERATEUR CA EN COURANT D'EXCITATION
(71) **MAGNETEK, INC.** [US/US]; P.O. Box 290159, Nashville, TN 37229-0159 (US).
(72) **BARAHIA, Manoj, M.**; 1028 Van Dyke Drive, Manchester, MO 63011 (US).
(74) **PATTERSON, Mark, J.**; Waddey & Patterson, Suite 2020, 414 Union Street, NationsBank Plaza, Nashville, TN 37219 (US).

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

(11) **WO 98/51002** (13) A1

(21) PCT/US97/07529

(22) **1 May/mai 1997 (01.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H02P 7/00, 7/622, 8/00, 7/295**

(54) ● MOTOR CONTROL APPARATUS

● APPAREIL DE COMMANDE DE MOTEURS

(71) **QUADRANT ENGINEERING, INC.** [US/US]; 10138 Commercial Court, Penn Valley, CA 95946 (US).

(72) **DWYER, Patrick, H.**; 17318 Piper Lane, Penn Valley, CA 95946 (US). **FARRER, Leland, M.**; 19252 Donna Court, Morgan Hill, CA 95037 (US). **MASON, Martin**; 2249 Cherrystone Drive, San Jose, CA 95128 (US).

(74) **O'BANION, John, P.**; Gerber, Ritchey & O'Banion, Suite 1550, 400 Capitol Mall, Sacramento, CA 95814 (US).

(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).

(11) **WO 98/51003** (13) A1

(21) PCT/US98/07312

(22) **10 Apr/avr 1998 (10.04.1998)**

(25) en (26) en

(31) 08/847,237 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03B 5/32**

(54) ● AN OSCILLATOR AND TRANSMITTER ARRANGEMENT FOR POWER SPECIFIC APPLICATIONS

● AGENCEMENT D'OSCILLATEUR ET D'EMETTEUR POUR DES APPLICATIONS SPECIFIQUES A LA PUISSANCE

(71) **UT AUTOMOTIVE DEARBORN, INC.** [US/US]; 5200 Auto Club Drive, Dearborn, MI 48126 (US).

(72) **HILL, John, P.**; 8570 Alper Boulevard, Westland, MI 48185 (US).

(74) **TEITELBAUM, Ozer, M., N.**; UT Automotive Dearborn, Inc., Legal Dept./Patent, 5200 Auto Club Drive, Dearborn, MI 48126 (US).

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

(11) **WO 98/51004** (13) A1

(21) PCT/FR98/00891

(22) **4 May/mai 1998 (04.05.1998)**

(25) fr (26) fr

(31) 97/05509 (32) **5 May/mai 1997 (05.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03D 9/06**

(54) ● DOUBLE BALANCED COMPACT MIXER USING MICROWAVE MONOLITHIC INTEGRATED CIRCUIT COLD FET QUAD

● MELANGEUR COMPACT DOUBLEMENT EQUILIBRE A QUAD DE TECS FROIDS EN TECHNOLOGIE MMIC

(71) **ALCATEL** [FR/FR]; 54, rue La Boétie, F-75008 Paris (FR).

(72) **VILLEMAZET, Jean-François**; 76, rue Pasteur, F-78700 Conflans Sainte Honorine (FR).

(74) **LAMOUREUX, Bernard** et al. / etc.; Compagnie Financière Alcatel, Dépt. Propriété Industrielle, 30, av. Kléber, F-75116 Paris (FR).

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

Published / Publiée : (c)

(11) **WO 98/51005** (13) A1

(21) PCT/US98/03193

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 08/852,390 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03F 1/26**

(54) ● FREQUENCY SELECTIVE PREDISTORTION IN A LINEAR TRANSMITTER

● PREDISTORSION SELECTIVE EN FREQUENCE DANS UN EMETTEUR LINEAIRE

(71) **GLENAYRE ELECTRONICS, INC.** [US/US]; 5935 Carnegie Boulevard, Charlotte, NC 28209 (US).

(72) **LYENDECKER, Robert, R.**; 517 C Street, Blaine, WA 98231 (US).

(74) **NG, Chun, M.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/51006** (13) A1

(21) PCT/US98/08850

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/853,497 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03F 3/30, 1/32**

(54) ● DRIVER CIRCUIT WITH PULL DOWN NPN TRANSISTOR

● CIRCUIT DE COMMANDE DOTE D'UN TRANSISTOR NPN D'EXCURSION BASSE

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NAYEBI, Mehrdad** [US/US]; 727 Moreno Avenue, Palo Alto, CA 94303 (US). **NGO, Duc** [US/US]; 754 Kyle Street, San Jose, CA 95127 (US).

(74) **HASTERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, 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).

(11) **WO 98/51007** (13) A1

(21) PCT/US98/08893

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

(25) en (26) en

(31) 08/850,541 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03F 3/68**

(54) ● METHOD AND APPARATUS FOR EFFICIENT SIGNAL POWER AMPLIFICATION

● PROCEDE ET APPAREIL D'AMPLIFICATION EFFICACE DE LA PUISSANCE DE SIGNAUX

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **STENGEL, Robert, E.**; 2301 S.E. 9th Street, Pompano Beach, FL 33062 (US). **OLSON, Scott, A.**; 13420 S.W. 16th Court, Davie, FL 33325 (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 BA BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE GH HU IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG 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).

(11) **WO 98/51008** (13) A1

(21) PCT/US98/09377

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,009 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03H 9/02**

(54) ● SURFACE ACOUSTIC WAVE DEVICES CONTAINING ISOLATED INTERDIGITATED ELECTRODES

● DISPOSITIFS A ONDES ACOUSTIQUES (SAW) DE SURFACE CONTENANT DES ELECTRODES INTERDIGITEES ISOLEES

(71) **KOBE STEEL USA INC.** [US/US]; 4401 Building, 79 TW Alexander Drive, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HOOKE, William, M.** [US/US]; 401 Lake Shore Lane, Chapel Hill, NC 27514 (US).
HOLMES, Joseph, S. [US/US]; Route 1, Box 638, Broadway, NC 27505 (US).
STONER, Brian, R. [US/US]; 410 Moonridge Road, Chapel Hill, NC 27516 (US).

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

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(11) **WO 98/51009** (13) A1

(21) PCT/US98/09457

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/046,009 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03H 9/02**

(54) ● SURFACE ACOUSTIC WAVE AND BULK ACOUSTIC WAVE DEVICES USING A Zn_{n-1}Y.O PIEZOELECTRIC LAYER DEVICE
● DISPOSITIFS A ONDE ACOUSTIQUE DE SURFACE ET A ONDE ACOUSTIQUE D'ETRAVE UTILISANT UN DISPOSITIF A COUCHE PIEZOELECTRIQUE Zn_{n-1}Y.O

(71) **KOBE STEEL USA INC.** [US/US]; 79 TW Alexander Drive, 4401 Building, Research Triangle Park, NC 27709 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **STONER, Brian, R.** [US/US]; 410 Moonridge Road, Chapel Hill, NC 27516 (US).
HENARD, Robert, B. [US/US]; 6804 Johnsdale Road, Raleigh, NC 27615 (US).
DREIFUS, David, L. [US/US]; 101 Widecombe Court, Cary, NC 27513 (US).
FOX, Bradley, A. [US/US]; 102 Hafton Court, Cary, NC 27511 (US).

(74) **SAJOVEC, F., Michael** 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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)

(11) **WO 98/51010** (13) A2

(21) PCT/DE98/01264

(22) **6 May/mai 1998 (06.05.1998)**

(25) de (26) de

(31) 197 19 467.2 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03H 9/145, 9/72**

(54) ● SURFACE WAVE DUPLEXER
● DUPLEXEUR A ONDES DE SURFACE

(71) **SIEMENS MATSUSHITA COMPONENTS GMBH & CO. KG** [DE/DE]; Balanstrasse 73, D-81541 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BERGMANN, Andreas** [DE/DE]; Schulstrasse 20, D-84533 Haiming (DE).
MÜLLER, Peter [DE/DE]; Wolfratshausener Strasse 17, D-82049 Pullach (DE).

(74) **SIEMENS MATSUSHITA COMPONENTS GMBH & CO. KG**; Epping, Wilhelm, Postfach 22 13 17, D-80503 München (DE).

(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).

(11) **WO 98/51011** (13) A1

(21) PCT/JP98/02008

(22) **6 May/mai 1998 (06.05.1998)**

(25) ja (26) ja

(31) 9/118405 (32) **8 May/mai 1997 (08.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03H 9/145, 9/25, 9/64**

(54) ● ELASTIC BOUNDARY WAVE DEVICE AND METHOD OF ITS MANUFACTURE
● DISPOSITIF A ONDES LIMITES ELASTIQUES ET SON PROCEDE DE FABRICATION

(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) **MISHIMA, Naoyuki** [JP/JP]; 3-1-33-218, Jonnan, Fujisawa-shi, Kanagawa 251-0057 (JP).

(74) **SUYAMA, Saichi**; Kandahigashiyama Building, 1, Kandatacho 2-chome, Chiyoda-ku, Tokyo 101-0046 (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).

(11) **WO 98/51012** (13) A1

(21) PCT/JP97/01506

(22) **1 May/mai 1997 (01.05.1997)**

(25) ja (26) ja

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03K 19/0185**

(54) ● OUTPUT BUFFER CIRCUIT
● CIRCUIT TAMPON DE SORTIE

(71) **mitsubishi denki kabushiki kaisha** [JP/JP]; 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **TANIGUCHI, Hideki** [JP/JP]; Mitsubishi Denki Kabushiki Kaisha, 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100 (JP).

(74) **TAZAWA, Hiroaki** et al. / etc.; 4F, Kasumigaseki IHF Building, 5-1, Kasumigaseki 3-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).

(11) **WO 98/51013** (13) A1

(21) PCT/US97/15368

(22) **28 Aug/août 1997 (28.08.1997)**

(25) en (26) en

(31) 08/853,975 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03K 19/173, G06F 7/50**

(54) ● METHOD AND STRUCTURE FOR PROVIDING FAST CONDITIONAL SUM IN A FIELD PROGRAMMABLE GATE ARRAY
● PROCEDE ET STRUCTURE POUR OBTENIR UNE SOMME CONDITIONNELLE RAPIDE DANS UN RESEAU DE PORTES PROGRAMMABLE PAR L'UTILISATEUR

(71) **XILINX, INC.** [US/US]; 2100 Logic Drive, San Jose, CA 95124 (US).

(72) **NEW, Bernard, J.**; 142 Stacia Street, Los Gatos, CA 95030 (US).

(74) **YOUNG, Edell, 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).

(11) **WO 98/51014** (13) A1

(21) PCT/US98/08942

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,425 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(31) 09/019,255 (32) **5 Feb/fév 1998 (05.02.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H03L 7/089, 7/14, 7/183**

(54) ● DUAL BAND PHASE LOCKED LOOP USING INDEPENDENT CHARGE PUMPS
● BOUCLE A PHASE ASSERVIE EN DOUBLE BANDE UTILISANT DES POMPES A CHARGE INDEPENDANTES

(71) **ANALOG DEVICES, INC.** [US/US]; One Technology Way, P.O. Box 9106, Norwood, MA 02062-9106 (US).

(72) **FAGUE, Daniel, E.**; 9 Candlewood Drive, Andover, MA 01810 (US).
TEWKSBURY, Theodore, L.; Apartment 3, 226 Commonwealth Avenue, Boston, MA 02116 (US).

(74) **CONNORS, Matthew, E.** et al. / etc.; Samuels, Gauthier, Stevens & Reppert, Suite 3300, 225 Franklin Street, Boston, MA 02110 (US).

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

- (11) **WO 98/51015** (13) A1
 (21) PCT/US98/06891
 (22) **7 Apr/avr 1998 (07.04.1998)**
 (25) en (26) en
 (31) 08/848,435 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04B 1/30**
 (54) ● MULTI-CHANNEL BASE STATION/TERMINAL DESIGN COVERING COMPLETE SYSTEM FREQUENCY RANGE
 ● MODELE DE TERMINAL OU DE STATION DE BASE DE TYPE MULTICANAL COUVRANT TOUTE LA GAMME DE FREQUENCE DU SYSTEME
 (71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).
 (72) **WYNN, Stephen, R.**; 507 Oak Trail Drive, Lynchburg, VA 24502 (US).
 (74) **DAVIDSON, J., Scott**; Nixon & Vanderhye, P.C., 8th floor, 1100 North Glebe Road, Arlington, VA 22201 (US).
 (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/51016** (13) A1
 (21) PCT/SE98/00780
 (22) **28 Apr/avr 1998 (28.04.1998)**
 (25) en (26) en
 (31) 08/848,910 (32) **1 May/mai 1997 (01.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04B 1/38**
 (54) ● A METHOD AND APPARATUS FOR INTERFACING AN ELECTRONIC DEVICE WITH AN EXTERNAL ACCESSORY
 ● PROCEDE ET APPAREIL SERVANT D'INTERFACE ENTRE UN DISPOSITIF ELECTRONIQUE ET UN ACCESSOIRE EXTERNE
 (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
 (72) **RUBBMARK, Jan**; Kungshällagatan 45, S-212 30 Malmö (SE). **ENGELIN, Lars**; Klockarevägen 12 J, S-247 34 Södra Sandby (SE). **LIND, Jan**; Husarvägen 1 F, S-237 32 Bjärred (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 98/51017** (13) A1
 (21) PCT/SE98/00739
 (22) **23 Apr/avr 1998 (23.04.1998)**
 (25) en (26) en
 (31) 9701655-4 (32) **2 May/mai 1997 (02.05.1997)** (33) SE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04B 1/707**
 (54) ● ARRANGEMENTS AND METHOD RELATING TO HANDLING OF DIGITAL SIGNALS
 ● SYSTEMES ET PROCEDE CONCERNANT LA GESTION DES SIGNAUX NUMERIQUES
 (71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
 (72) **CARLSSON, Roland**; Storegården 20A, S-433 51 Partille (SE). **KARLSSON, Torbjörn**; Svingelvägen 4, S-437 42 Lindome (SE).
 (74) **BERGENTALL, Annika**; Cegumark AB, P.O. Box 53047, S-400 01 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51018** (13) A1
 (21) PCT/US98/09173
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) en (26) en
 (31) 60/045,880 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04B 3/36, H04Q, G08B 23/00, G01C 21/02, G09B 21/00, H04B 1/06, 10/08**
 (54) ● TACTUAL ANNUNCIATING DEVICE FOR NOTIFYING VEHICLE OR MACHINERY STATUS OR CONDITION
 ● DISPOSITIF DE SIGNALISATION TACTILE INDUQUANT L'ETAT FONCTIONNEL D'UN VEHICULE OU D'UNE MACHINE
 (71, 72) **LIEBELT, Lyndon, L.** [US/US]; Suite 70, 10555 Montgomery, Northeast, Albuquerque, NM 87110 (US).
 (74) **MYERS, Jeffrey, D.**; 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 98/51019** (13) A1
 (21) PCT/US98/08594

- (22) **29 Apr/avr 1998 (29.04.1998)**
 (25) en (26) en
 (31) 08/850,896 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04B 7/08, H04L 1/06**
 (54) ● TIME-SHIFTED WEIGHTING FOR SIGNAL PROCESSING
 ● PONDERATION A DECALAGE TEMPOREL POUR LE TRAITEMENT DE SIGNAL
 (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).

- (11) **WO 98/51020** (13) A1
 (21) PCT/FR98/00925
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) fr (26) fr
 (31) 97/05638 (32) **7 May/mai 1997 (07.05.1997)** (33) FR
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04B 7/185**
 (54) ● COMMUNICATION ROUTING METHOD BY SATELLITE IN A NETWORK
 ● PROCEDE D'ACHEMINEMENT DE COMMUNICATION DANS UN RESEAU PAR SATELLITE
 (71) **ALCATEL** [FR/FR]; 54, rue de la Boétie, F-75008 Paris (FR).
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 (72, 75) **TOTARO, Antoine** [FR/FR]; 7, rue Saint-Christophe, F-31600 Muret (FR). **FLORES, Erick** [FR/FR]; 2, rue de l'Orient, F-31000 Toulouse (FR). **CHARPENTIER, Jean** [FR/FR]; 30, rue des Sables, F-78220 Viroflay (FR). **THIES, Roland** [FR/FR]; 37, rue Truffaut, F-75017 Paris (FR).
 (74) **LAMOUREUX, Bernard** et al. / etc.; Compagnie Financière Alcatel, 30, avenue Kléber, F-75016 Paris (FR).
 (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 98/51021** (13) A1
 (21) PCT/US98/08501
 (22) **28 Apr/avr 1998 (28.04.1998)**
 (25) en (26) en
 (31) 08/851,294 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04B 7/185**

- (54) ● SATELLITE SYSTEM FRAUD PREVENTION METHOD AND APPARATUS
- PROCEDE ET APPAREIL DE PREVENTION DES FRAUDES DANS LES SYSTEMES DE COMMUNICATION PAR SATELLITE

(71) **MOTOROLA, INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
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(72, 75) **SAWYER, Steven, Paul** [US/US]; 15824 Echo Hills Drive, Fountain Hills, AZ 85268 (US). **LIN, Wenko** [US/US]; 1334 West Amberwood Drive, Phoenix, AZ 85045 (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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(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 60/045,506 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04B 7/185, H01Q 21/06**

- (54) ● HIGH LATITUDE GEOSTATIONARY SATELLITE SYSTEM
- SYSTEME DE SATELLITE GEOSTATIONNAIRE A HAUTE LATITUDE

(71) **USCX** [US/US]; Suite 801, 1667 K Street, N.W., Washington, DC 20006 (US).
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(72, 75) **PORCELLI, Giacomo** [US/US]; 20730 Sabath Court, Gaithersburg, MD 20882 (US). **MAN-NING, Kenneth, F.** [US/US]; 1470 Hampton Hill Circle, McLean, VA 22101 (US).

(74) **KASPER, Alan, J.** et al. / etc.; Sughrie, Mion, Zinn, Macpeak & Seas, Suite 800, 2100 Pennsylvania Avenue, N.W., Washington, DC 20037-3202 (US).

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

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(11) **WO 98/51023** (13) A1

(21) PCT/US98/09167

(22) **4 May/mai 1998 (04.05.1998)**

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(31) 08/851,262 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04B 7/185, 7/204, H01Q 1/28, 25/00**

- (54) ● NETWORK FOR CONTROLLING STEERABLE BEAMS
- RESEAU POUR COMMANDER DES FAISCEAUX ORIENTABLES

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
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(72, 75) **NATARAJAN, Kadathur** [US/US]; 2138 Chestnut Avenue, Willmette, IL 60091 (US). **TURCOTTE, Randy, Lee** [US/US]; 1329 East LaVieue Lane, Tempe, AZ 85284 (US). **AGUIRRE, Sergio** [US/US]; 809 East Silverwood Drive, Phoenix, AZ 85048 (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).

(11) **WO 98/51024** (13) A1

(21) PCT/US98/09390

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 08/848,422 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04B 10/155, H01S 3/133, H04J 14/02**

- (54) ● WDM OPTICAL COMMUNICATION SYSTEMS WITH WAVELENGTH-STABILIZED OPTICAL SELECTORS

- SYSTEMES DE COMMUNICATION OPTIQUE A MULTIPLEXAGE PAR REPARTITION DE LONGUEUR D'ONDE (WDM) AVEC SELECTEURS OPTIQUES DE LONGUEUR D'ONDE STABILISES

(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). **HARMON, Stephen, R.**; 208 McCamish Court, Severn, MD 21144 (US).

(74) **DAISAK, Daniel, N.**; CIENA Corporation, Legal Dept., 920 Elkridge Landing Road, Linthicum, MD 21090 (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 98/51025** (13) A1

(21) PCT/JP98/01992

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

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(31) 9/114918 (32) **2 May/mai 1997 (02.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04B 10/24, A61B 5/0245, H01S 3/18, G08C 19/00, H01L 31/12**

- (54) ● POLARIZED LIGHT COMMUNICATION DEVICE, TRANSMITTER, LASER, POLARIZED LIGHT COMMUNICATION DEVICE FOR ORGANISM, REFLECTED LIGHT DETECTOR AND PULSE WAVE DETECTOR
- DISPOSITIF DE COMMUNICATION A LUMIERE POLARISEE, EMETTEUR, LASER, DISPOSITIF DE COMMUNICATION A LUMIERE POLARISEE POUR L'ORGANISME, DETECTEUR DE LUMIERE REFLECHIE ET DETECTEUR D'ONDE DE PULSATION

(71) **SEIKO EPSON CORPORATION** [JP/JP]; 4-1, Nishishinjuku 2-chome, Shinjuku-ku, Tokyo 163-0811 (JP).
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(72, 75) **AMANO, Kazuhiko** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **KAWASE, Takeo** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP). **KITAMURA, Shojiro** [JP/JP]; Seiko Epson Corporation, 3-5, Owa 3-chome, Suwa-shi, Nagano 392-8502 (JP).

(74) **KAWASAKI, Kenji** et al. / etc.; Asahi Patent Office, 5th floor, Yaesumasuya Building, 2-16, Nihonbashi 3-chome, Chuo-ku, Tokyo 103-0027 (JP).

(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 98/51026** (13) A1

(21) PCT/US98/09121

(22) **5 May/mai 1998 (05.05.1998)**

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(31) 60/045,564 (32) **5 May/mai 1997 (05.05.1997)** (33) US(31) 08/998,542 (32) **26 Dec/déc 1997 (26.12.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04B 15/00, H04K 1/00, H04L 27/30**

- (54) ● ENHANCED REVERSE LINK POWER CONTROL IN A WIRELESS COMMUNICATION SYSTEM

- COMMANDE DE PUISSANCE DE LIAISON INVERSE PERFECTIONNEE DANS UN SYSTEME DE COMMUNICATION SANS FIL

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street, West, Montreal, Quebec H2Y 3Y4 (CA).
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(72, 75) **ALI, Farhan** [PK/US]; 1343 Morning View Drive #328, Escondido, CA 92026 (US). **GÜTIERREZ, Alberto** [US/US]; 2904 Bellerive Drive, Plano, TX 75025 (US). **CHANG, Kim** [US/US]; 3114 Park Garden Place, Richardson, TX 75082 (US). **HUANG, Chenhong** [CN/US]; 2916 Valley Spring Drive, Plano, TX 75025 (US). **MANNING, Serge** [US/US]; 3209 Cornflower Drive, Plano, TX 75075 (US).

(74) **GARLICK, Bruce, E.**; Garlick & Associates, P.O. Box 160727, Austin, TX 78716 (US).

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

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- (11) **WO 98/51027** (13) A2
 (21) PCT/US98/03171
 (22) **18 Feb/fév 1998 (18.02.1998)**
 (25) en (26) en
 (31) 08/851,194 (32) **5 May/mai 1997 (05.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04J**
 (54) ● METHOD AND APPARATUS FOR PRODUCING DELAY OF A CARRIER SIGNAL FOR IMPLEMENTING SPATIAL DIVERSITY IN A COMMUNICATION SYSTEM
 ● PROCEDE ET APPAREIL POUR PRODUIRE LA TEMPORISATION D'UN SIGNAL PORTEUR EN VUE DE REALISER UNE DIVERSITE SPATIALE DANS UN SYSTEME DE COMMUNICATION
 (71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).
 (72) **KOTZIN, Michael, D.**; 321 Fox Hill Drive, Buffalo Grove, IL 60089 (US). **SCHAEFFER, Dennis, R.**; 266 Mohawk Trail, Buffalo Grove, 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 IL JP KR PL.
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- (11) **WO 98/51028** (13) A1
 (21) PCT/EP98/02592
 (22) **30 Apr/avr 1998 (30.04.1998)**
 (25) en (26) en
 (31) 9709100.3 (32) **2 May/mai 1997 (02.05.1997)** (33) GB
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04J 3/16, H04L 1/00, H03M 13/00, H04B 7/26, H04J 3/22**
 (54) ● METHOD AND APPARATUS FOR PROCESSING DATA FROM MULTIPLE SOURCES
 ● PROCEDE ET APPAREIL POUR TRAITER DES DONNEES A PARTIR DE SOURCES MULTIPLES
 (71) **MOTOROLA LTD.** [GB/GB]; Jays Close, Viabes Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).
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 (72, 75) **GIBBS, Jonathan, Alastair** [GB/GB]; 56 Malvern Gardens, Hedge End, Southampton, Hampshire SO30 2UL (GB). **KADIR, Timor** [GB/GB]; 15 Wilbury Gardens, Hove, East Sussex BN3 6HQ (GB).
 (74) **IBBOTSON, Harry** et al. / etc.; Motorola, European Intellectual Property Operations, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).
 (81) AU 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 98/51029** (13) A1
 (21) PCT/US98/09206
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/852,405 (32) **7 May/mai 1997 (07.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04K 1/00, H04L 9/00**
 (54) ● APPARATUS AND METHOD FOR CUSTOMIZED SECONDARY ACCESS AUTHENTICATION
 ● APPAREIL ET PROCEDE D'AUTHENTIFICATION PERSONNALISEE D'ACCES SECONDAIRES
 (71) **SOUTHWESTERN BELL TELEPHONE COMPANY** [US/US]; One Bell Center, St. Louis, MO 63101 (US).
 (72) **JOST, Larry, T.**; 10911 Cosmos Drive, St. Louis, MO 63123 (US).
 (74) **BERNSTEIN, Bruce, H.**; Greenblum & Bernstein, P.L.C., 1941 Roland Clarke Place, Reston, VA 20191 (US).
 (81) 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 98/51030** (13) A1
 (21) PCT/CA97/00764
 (22) **15 Oct/oct 1997 (15.10.1997)**
 (25) en (26) en
 (31) 08/850,102 (32) **1 May/mai 1997 (01.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 1/06, 1/20**
 (54) ● METHOD AND SYSTEM FOR DETERMINING SIGNAL TO INTERFERENCE PLUS NOISE POWER RATIO (SINR) IN A COMMUNICATIONS SYSTEM
 ● PROCEDE ET SYSTEME PERMETTANT DE DETERMINER LE RAPPORT PUISSANCE DE SIGNAL/PUISSANCE DE L'INTERFERENCE PLUS BRUIT (SINR) DANS UN SYSTEME DE COMMUNICATION
 (71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).
 (72) **ABU-DAYYA, Adnan**; 20 Marielle Court, Ottawa, Ontario K2B 8P5 (CA).
 (74) **HALEY, R., John**; Northern Telecom Limited, Patent Dept., P.O. Box 3511, Station "C", Ottawa, Ontario K1Y 4H7 (CA).
 (81) BR 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 98/51031** (13) A1
 (21) PCT/US98/09305
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) en (26) en
 (31) 08/853,300 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 1/24**
 (54) ● MONITORING LINE CONDITIONS IN THE DATA TRANSMISSION MODE
 ● SURVEILLANCE DE L'ETAT DES LIGNES EN MODE DE TRANSMISSION DE DONNEES
 (71) **ADVANCED MICRO DEVICES, INC.** [US/US]; One AMD Place, Mail Stop 68, Sunnyvale, CA 94088-3453 (US).
 (72) **YIP, Phillip, C.**; 7406 Napier Trail, Austin, TX 78729 (US). **RAHMATULLAH, Muhammad, M.**; 1704 Nelma Drive #2421, Austin, TX 78744 (US). **COLE, Terry, L.**; 5915 Highland Hall Drive, Austin, TX 78731 (US).
 (74) **RILEY, Louis, A.**; Advanced Micro Devices, Inc., 5204 East Ben White Boulevard, Mail Stop 562, Austin, TX 78741 (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 98/51032** (13) A2
 (21) PCT/CA98/00418
 (22) **4 May/mai 1998 (04.05.1998)**
 (25) en (26) en
 (31) 9709135.9 (32) **2 May/mai 1997 (02.05.1997)** (33) GB
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 3/00**
 (54) ● TWO WAY AUTHENTICATION PROTOCOL
 ● PROTOCOLE D'AUTHENTIFICATION BILATERALE
 (71) **CERTICOM CORP.** [CA/CA]; Suite 103, 200 Matheson Boulevard, West, Mississauga, Ontario L5R 3L7 (CA).
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 (72, 75) **VANSTONE, Scott, A.** [CA/CA]; 539 Sandbrook Court, Waterloo, Ontario N2T 2H4 (CA). **JOHNSON, Donald** [US/US]; 7684 Knights Hayes Drive, Manassas, VA 20111 (US). **LAMBERT, Robert, J.** [CA/CA]; 63 Holm Street, Cambridge, Ontario N3C 3N3 (CA). **VADEKAR, Ashok, V.** [CA/CA]; 2006-700 Constellation Drive, Mississauga, Ontario L5R 3G8 (CA).
 (74) **PILLAY, Kevin** et al. / etc.; Orange & Associates, Toronto Dominion Bank Tower, Suite 3600, Toronto-Dominion Centre, P.O. Box 190, Toronto, Ontario M5K 1H6 (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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51033** (13) A2
 (21) PCT/FI98/00389
 (22) **6 May/mai 1998 (06.05.1998)**
 (25) fi (26) en
 (31) 971959 (32) **7 May/mai 1997 (07.05.1997)** (33) FI
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 7/04**
 (54) ● METHOD FOR CORRECTING SYNCHRONIZATION ERROR AND RADIO SYSTEM
 ● PROCEDE DE CORRECTION D'ERREUR DE SYNCHRONISATION ET SYSTEME HERTZIEN

- (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) **ROPPONEN, Antti** [FI/FI]; Nokelantie 42 B 43, FIN-90150 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 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).

(11) **WO 98/51034** (13) A1

(21) PCT/US98/08593

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

(25) en (26) en

(31) 08/850,738 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 7/04**

- (54) ● SYSTEM AND METHOD TO PREVENT ERROR PROPAGATION
● SYSTEME ET PROCEDE EMPECHANT LA PROPAGATION DES ERREURS

(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).

(11) **WO 98/51035** (13) A1

(21) PCT/US98/09441

(22) **9 May/mai 1998 (09.05.1998)**

(25) en (26) en

(31) 60/046,037 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(31) 08/967,383 (32) **8 Nov/nov 1997 (08.11.1997)** (33) US

(31) 09/023,918 (32) **13 Feb/fév 1998 (13.02.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 9/00, 7/32, H04N 1/40, H03M 7/30, G06F 15/40**

(54) ● METHOD AND SYSTEM FOR ACCESSING ELECTRONIC RESOURCES VIA MACHINE-READABLE DATA ON INTELLIGENT DOCUMENTS

- PROCEDE ET SYSTEME D'ACCES A DES RESSOURCES ELECTRONIQUES PAR L'INTERMEDIAIRE DE DONNEES EXPLOITABLES PAR MACHINE SUR DOCUMENTS INTELLIGENTS

(71) **NEOMEDIA TECHNOLOGIES, INC.** [US/US]; Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US). *(for all designated States except / pour tous les États désignés sauf AL KP)*

(71, 72) **DURST, Robert, T., Jr.** [US/US]; 6054 Timberwoods Circle #240, Fort Myers, FL 33908 (US). **HUNTER, Kevin** [US/US]; NeoMedia Technologies, Inc., Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US). *(only for / seulement pour AL KP)*

(74) **BARKUME, Anthony, R.**; Anthony R. Barkume, P.C., Suite 200, 14 South Main Street, Sayville, NY 11782 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/045,830 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 08/967,383 (32) **8 Nov/nov 1997 (08.11.1997)** (33) US

(31) 09/023,918 (32) **13 Feb/fév 1998 (13.02.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 9/30, 9/00, 7/32, G06F 15/40, H04N 1/40**

(54) ● SCANNER ENHANCED REMOTE CONTROL UNIT AND SYSTEM FOR AUTOMATICALLY LINKING TO ON-LINE RESOURCES

- UNITE DE COMMANDE A DISTANCE A BALAYAGE AMELIORE ET SYSTEME DE LIAISON AUTOMATIQUE A DES RESOURCES EN LIGNE

(71) **NEOMEDIA TECHNOLOGIES, INC.** [US/US]; Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US).

(72) **DURST, Robert, T., Jr.**; 6054 Timberwoods Circle #240, Fort Myers, FL 33908 (US). **HUNTER, Kevin**; NeoMedia Technologies, Inc., Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US).

(74) **TURNER, Roderick, S., W.**; Anthony R. Barkume, P.C., Suite 200, 14 South Main Street, Sayville, NY 11782 (US).

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

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(11) **WO 98/51037** (13) A1

(21) PCT/CA98/00417

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 9709136.7 (32) **2 May/mai 1997 (02.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 9/32**

(54) ● A LOG-ON VERIFICATION PROTOCOL

- PROTOCOLE DE VERIFICATION POUR OUVERTURE DE SESSION

(71) **CERTICOM CORP.** [CA/CA]; Suite 103, 200 Matheson Boulevard West, Mississauga, Ontario L5R 3L7 (CA). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **VANSTONE, Scott, A.** [CA/CA]; 539 Sandbrook Court, Waterloo, Ontario N2T 2H4 (CA). **JOHNSON, Donald, B.** [US/US]; 7684 Knightshayes Drive, Manassas, VA 20111 (US).

(74) **PILLAY, Kevin** et al. / etc.; Orange & Associates, Toronto Dominion Bank Tower, Suite 3600, Toronto-Dominion Centre, Toronto, Ontario M5K 1H6 (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 LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 97/06198 (32) **7 May/mai 1997 (07.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 9/32**

(54) ● PSEUDO-RANDOM GENERATOR BASED ON A HASH CODING FUNCTION FOR CRYPTOGRAPHIC SYSTEMS REQUIRING RANDOM DRAWING

- GENERATEUR PSEUDO-ALEATOIRE BASE SUR UNE FONCTION DE HACHAGE POUR SYSTEMES CRYPTOGRAPHIQUES NECESITANT LE TIRAGE D'ALEAS

(71) **GEMPLUS S.C.A.** [FR/FR]; Avenue du Pic de Bertagne, Parc d'activités de Gémenos, F-13881 Gémenos Cedex (FR). *(for all designated States except / pour tous les États désignés sauf US)*

(72, 75) **NACCACHE, David** [FR/FR]; 34, rue Captal, F-75009 Paris (FR). **M'RAÏHI, David** [FR/FR]; 30, rue Basfroi, F-75011 Paris (FR). **LEVY-DIT-VEHEL, Françoise** [FR/FR]; 92, rue Loumel, F-75015 Paris (FR).

(74) **NONNENMACHER, Bernard**; Gemplus s.c.a., Z.I. Athelia III, Voie Antiope, F-13705 La Ciotat Cedex (FR).

(81) AU BR CA CN JP KR MX RU 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 98/51039** (13) A2
 (21) PCT/DE98/01274
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 (31) 197 19 468.0 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 12/00**
 (54) ● METHOD AND DEVICE FOR CODING, TRANSMITTING AND DECODING DIGITAL DATA
 ● PROCEDE ET DISPOSITIF DE CODAGE, DE TRANSMISSION ET DE DECODAGE DE DONNEES NUMERIQUES
 (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) **WIMMER, Bernhard** [DE/DE]; Guffertstrasse 4, D-81825 München (DE). **STOCKHAMMER, Thomas** [DE/DE]; Drachenseestrasse 8B, D-81373 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).

- (11) **WO 98/51040** (13) A1
 (21) PCT/US98/06447
 (22) **1 Apr/avr 1998 (01.04.1998)**
 (25) en (26) en
 (31) 08/848,456 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 12/18**
 (54) ● METHOD FOR MANAGING MULTICAST ADDRESSES IN AN INTERNET PROTOCOL (IP) NETWORK
 ● PROCEDE DE GESTION D'ADRESSES MULTIDESTINATAIRES SUR UN RESEAU A PROTOCOLE INTERNET (IP)
 (71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).
 (72) **DESIMONE, Antonio**; 1313 Maple Avenue, Ocean, NJ 07712 (US). **GOLAN, Joseph**; 29 Middlebrook Drive, Ocean, NJ 07712 (US). **KUTHYAR, Ashok, K.**; 22 Riverside Lane, Holmdel, NJ 07733 (US). **PARENT, Bryant, Richard**; 82 Walnut Street, Murray Hill, NJ 07974 (US). **RAMAMURTHY, Ram, S.**; 231 Union Hill Road, Manalapan, NJ 07726 (US). **SHUR, David, Hilton**; 50 Townsend Drive, Middletown, NJ 07748 (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 CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

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- (11) **WO 98/51041** (13) A1
 (21) PCT/US98/07642
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 (31) 08/852,188 (32) **6 May/mai 1997 (06.05.1997)** (33) US

- (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 12/18**
 (54) ● MULTICAST SWITCHING
 ● COMMUTATEUR MULTIDIFFUSION
 (71) **CABLETRON SYSTEMS, INC.** [US/US]; 35 Industrial Way, Rochester, NH 03867 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **HAGGERTY, William, T.** [US/US]; 244 Pond Street, Dunstable, MA 01827 (US). **ANDLAUER, Phillip** [US/US]; 253 Winding Pond Road, Londonderry, NH 03053 (US). **NEGUS, Stephen, H.** [US/US]; 39 Lowell Road, Windham, NH 03087 (US).
 (74) **HENDRICKS, Therese, A.**; 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).

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- (11) **WO 98/51042** (13) A2
 (21) PCT/FI98/00384
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 (31) 971919 (32) **5 May/mai 1997 (05.05.1997)** (33) FI
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 12/24**
 (54) ● NETWORK ELEMENT MANAGEMENT
 ● GESTION D'ELEMENTS DE RESEAU
 (71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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 (72, 75) **PIRHONEN, Jouni** [FI/FI]; Nuottaniementie 25 G 19, FIN-02230 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 98/51043** (13) A1
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 (25) en (26) en
 (31) 08/853,088 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 12/26, H03M 7/00**

- (54) ● METHOD FOR COMPRESSION OF WAVEFORM DATA
 ● PROCEDE DE COMPRESSION POUR DES DONNEES REPRESENTANT UNE FORME D'ONDE
 (71) **ANRITSU COMPANY** [US/US]; 490 Jarvis Drive, Morgan Hill, CA 95037-2809 (US).
 (72) **POREMB, John**; 1347 Via de Los Reyes, San Jose, CA 95120 (US).
 (74) **FLIESLER, Martin, C.** et al. / etc.; Fliesler Dubb Meyer and Lovejoy LLP, Suite 400, Four Embarcadero Center, San Francisco, CA 94111-4156 (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 98/51044** (13) A1
 (21) PCT/US98/09436
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 (25) en (26) en
 (31) 08/854,109 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04L 12/46, 12/413**
 (54) ● PHYSICAL LAYER DEVICE HAVING A MEDIA INDEPENDENT INTERFACE FOR CONNECTING TO EITHER MEDIA ACCESS CONTROL ENTITIES OR OTHER PHYSICAL LAYER DEVICES
 ● DISPOSITIF A COUCHE PHYSIQUE AVEC INTERFACE INDEPENDANTE DU SUPPORT, DESTINE A ETRE RACCORDE SOIT A DES ENTITES DE COMMANDE D'ACCES AU SUPPORT, SOIT A D'AUTRES DISPOSITIFS A COUCHE PHYSIQUE
 (71) **LEVEL ONE COMMUNICATIONS, INC.** [US/US]; 9750 Goethe Road, Sacramento, CA 95827 (US).
 (72) **FEUERSTRAETER, Mark, T.**; 3441 Data Drive #537, Rancho Cordova, CA 95670 (US). **SOKOL, Michael, A.**; 2640 Twin Court, Rancho Cordova, CA 95670 (US). **VOGEL, David, W.**; 3567 Stockwood Way, El Dorado Hills, CA 95762 (US).
 (74) **BERMAN, Charles**; Merchant, Gould, Smith, Edell, Welter & Schmidt, Suite 400, 11150 Santa Monica Boulevard, Los Angeles, CA 90025 (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 98/51045** (13) A1
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 (31) 197 19 170.3 (32) **6 May/mai 1997 (06.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 12/56**

- (54) ● METHOD AND TOOL FOR PRODUCING A TELECOMMUNICATION NETWORK
● PROCEDE ET OUTIL POUR PRODUIRE UN RESEAU DE TELECOMMUNICATION

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CINKLER, Tibor** [HU/HU]; Bartha u. 8, H-1126 Budapest (HU).

(74) **VON FISCHERN, Bernhard** 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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(31) 60/046,331 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 25/02, H03K 5/007, 5/08**

- (54) ● ACTIVE TERMINATION CIRCUIT AND METHOD THEREFOR
● CIRCUITS ACTIFS DE TERMINAISON ET TECHNIQUE AFFERENTE

(71) **CALIFORNIA MICRO DEVICES CORPORATION** [US/US]; 215 Topaz Street, Milpitas, CA (US).
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(72, 75) **KALB, Jeffrey, C.** [US/US]; 14617 Carnelian Glen Court, Saratoga, CA 95070 (US). **RICHIUSO, Dominick** [US/US]; 19303 Chablis Court, Saratoga, CA 95070 (US). **JORGENSEN, John, C.** [US/US]; 620 Oak Ridge Road, Los Gatos, CA 95033 (US). **KALB, Jeffrey, Jr.** [US/US]; 7007 South 19th Street, Phoenix, AZ 85040 (US).

(74) **NGEUYN, Joseph, A.**; 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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(25) en (26) en

(31) 08/850,940 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 25/03**

- (54) ● METHOD AND APPARATUS FOR LINEAR TRANSMISSION BY DIRECT INVERSE MODELING
● PROCEDE ET APPAREIL DE TRANSMISSION LINEAIRE PAR MODELISATION INVERSE DIRECTE

(71) **GLENAYRE ELECTRONICS, INC.** [US/US]; 5935 Carnegie Boulevard, Charlotte, NC 28209 (US).

(72) **LEYENDECKER, Robert, R.**; 517 C Street, Blaine, WA 98231 (US). **CHEN, Jay, J.-C.**; 2020 West Eighth #414, Vancouver, British Columbia V6J 1W5 (CA). **GARRIDO, Armando, C.**; 3656 William Street, Vancouver, British Columbia V5K 5E6 (CA). **GUO, Yan**; 1702-2060 Bellwood Avenue, Burnaby, British Columbia V5B 4V2 (CA). **PAVLOVIC, Vladimir**; 3240 East 58th Avenue #22, Vancouver, British Columbia V5S 3T2 (CA). **REY, Claudio, G.**; 230 Parkside Court, Port Moody, British Columbia V3H 4Z8 (CA). **YAN, Wai, M.**; 2633 East Eighth Avenue, Vancouver, British Columbia V5M 1W4 (CA).

(74) **NG, Chun, M.**; Christensen O'Connor Johnson & Kindness PLLC, Suite 2800, 1420 Fifth Avenue, Seattle, WA 98101 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 9709098.9 (32) **2 May/mai 1997 (02.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 27/26, H04B 7/12, 7/04**

- (54) ● COMMUNICATION SYSTEM HAVING DIVERSITY IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING ENVIRONMENT AND OPERATING METHOD THEREFOR
● SYSTEME DE COMMUNICATION PRESENTANT UNE DIVERSITE DANS UN ENVIRONNEMENT DE MULTIPLEXAGE PAR REPARTITION EN FREQUENCE ORTHOGONAL ET UN PROCEDE DE FONCTIONNEMENT POUR CE DERNIER

(71) **MOTOROLA LTD.** [GB/GB]; Jays Close, Viabes Industrial Estate, Basingstoke, Hampshire RG22 4PD (GB).

(72, 75) **O'NEILL, Rorie, Julian, Turnbull** [GB/GB]; 25 Applewood Court, Swindon, Wiltshire SN5 7AH (GB).

(74) **IBBOTSON, Harry** et al. / etc.; Motorola, European Intellectual Property Operation, Midpoint, Alencon Link, Basingstoke, Hampshire RG21 7PL (GB).

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

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

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

(11) **WO 98/51049** (13) A1

(21) PCT/GB98/01299

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 9709023.7 (32) **2 May/mai 1997 (02.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 27/26, H04H 1/00**

- (54) ● MULTICARRIER RECEIVER AND METHOD FOR USE IN DAB RECEIVER
● DISPOSITIF DE RECEPTION EN DIVER-SITE DE FREQUENCE ET PROCEDE D'UTILISATION DANS UN RECEPTEUR DE RADIODIFFUSION AUDIONUMERIQUE

(71) **BRITISH BROADCASTING CORPORATION** [GB/GB]; Broadcasting House, London W1A 1AA (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MOSS, Peter, Neil** [GB/GB]; British Broadcasting Corporation, Research & Development Dept., Kingswood Warren, Tadworth, Surrey KT20 6NP (GB).

(74) **ABNETT, Richard, Charles**; Reddie & Grose, 16 Theobalds Road, London WC1X 8PL (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).

(11) **WO 98/51050** (13) A1

(21) PCT/US98/08875

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/852,146 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 29/04**

- (54) ● METHOD AND APPARATUS FOR MULTIPOINT TRUNKING
● PROCEDE ET APPAREIL DE JONCTION MULTIPOINT

(71) **3COM CORPORATION** [US/US]; 5400 Bayfront Plaza, Santa Clara, CA 95052-8145 (US).

(72) **FRIEDMAN, G., Stodel**; 4 Beechnut Street, Acton, MA 01720 (US). **HUSAK, David, J.**; 28 Beacon Hill Road, Windham, NH 03087 (US). **VAN SETERS, Stephen, L.**; 18 Thicket Circle, Stow, MA 01775 (US). **HEINER, Edward, A., Jr.**; 5 Woodland Drive, Londonderry, NH 03053 (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 98/51051** (13) A1

(21) PCT/EP98/02570

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

(25) en (26) en

(31) 197 18 654.8 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 29/06, 12/58**

- (54) ● COMMUNICATION SYSTEM FOR ELECTRONIC MESSAGES
● SYSTEME DE COMMUNICATION POUR MESSAGES ELECTRONIQUES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).(72) **LUDWIG, Reiner**; 1632 Ocean View Avenue, Kensington, CA 94707 (US).(74) **VON FISCHERN, Bernhard** et al. / etc.; Hoffmann . Eitle, Arabellastrasse 4, D-81925 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/852,002 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 29/06**

- (54) ● RELIABLE COMMUNICATION OVER AN UNRELIABLE TRANSPORT LAYER IN A HANDHELD DEVICE USING USER-CONFIGURABLE TIMERS
● COMMUNICATION FIABLE SUR COUCHE TRANSPORT PEU FIABLE DANS UN DISPOSITIF PORTATIF UTILISANT DES TEMPORISATEURS CONFIGURABLES PAR L'UTILISATEUR

(71) **INTERMEC TECHNOLOGIES CORPORATION** [US/US]; 6001 36th Avenue West, Everett, WA 98203-9280 (US).(72) **RENOUARD, Julia, J.**; 17227 Palatine Avenue North, Shoreline, WA 98133 (US). **PIERCY, Alan**; P.O. Box 4280, Everett, WA 98203-9280 (US). **HECKT, Steve**; 23621 102nd Place West, Edmonds, WA 98020 (US). **SAVARESE, Joe**; 22205 95th Place West, Edmonds, WA 98020 (US).(74) **EWING, Thomas, L.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

(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 GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT 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) 08/851,848 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 29/06**

- (54) ● PROVIDING RELIABLE COMMUNICATION OVER AN UNRELIABLE TRANSPORT LAYER IN A HAND-HELD DEVICE USING A PERSISTENT SESSION

- REALISATION D'UNE COMMUNICATION FIABLE SUR UNE COUCHE TRANSPORT PEU FIABLE DANS UN DISPOSITIF PORTATIF UTILISANT UNE SESSION PERSISTANTE

(71) **INTERMEC TECHNOLOGIES CORPORATION** [US/US]; 6001 36th Avenue West, Everett, WA 98203-9280 (US).(72) **RENOUARD, Julia, J.**; 17227 Palatine Avenue North, Shoreline, WA 98133 (US). **PIERCY, Alan**; P.O. Box 4280, Everett, WA 98203-9280 (US). **HECKT, Steve**; 23621 102nd Place West, Edmonds, WA 98020 (US). **SAVARESE, Joe**; 22205 95th Place West, Edmonds, WA 98020 (US).(74) **EWING, Thomas, L.** et al. / etc.; Seed and Berry LLP, 6300 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104-7092 (US).

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

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(11) **WO 98/51054** (13) A1

(21) PCT/US98/09463

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 08/853,213 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04L 29/06**

- (54) ● NETWORK PRINTER AUTO-DETECTION METHOD AND SYSTEM
● SYSTEME ET PROCEDE D'AUTODETECTION D'IMPRIMANTE DE RESEAU

(71) **DATAPRODUCTS CORPORATION** [US/US]; 1757 Tapo Canyon Road #205, Simi Valley, CA 93063 (US).(72) **SORKIN, Maxim, A.**; 20822 Keswick Street, Canoga Park, CA 90036 (US). **WELKER, Gregg**; 2068 Covington Avenue, Simi Valley, CA 92065 (US). **BECKSTEAD, Scott, H.**; 1410 Calle Avellano, Thousand Oaks, CA 91360 (US). **SHAFFAR, Tal**; 1223 Federal Avenue #201, Los Angeles, CA 90025 (US). **MURPHY, Mark, P.**; 20321 Baltar Street, Canoga Park, CA 91306 (US).(74) **NAGY, Paul, G.** et al. / etc.; Pillsbury Madison & Sutro LLP, Suite 1200, 725 S. Figueroa Street, Los Angeles, CA 90017 (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 98/51055** (13) A1

(21) PCT/US98/05246

(22) **17 Mar/mar 1998 (17.03.1998)**

(25) en (26) en

(31) 08/851,883 (32) **6 May/mai 1997 (06.05.1997)** (33) US(31) 09/020,745 (32) **9 Feb/fév 1998 (09.02.1998)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04M 1/00, A47G 1/06**

- (54) ● UNITARY PACKAGE CONTAINING SOUVENIR POSTCARD AND MATCHING UTILITARIAN ITEM

- EMBALLAGE UNITAIRE CONTENANT UNE CARTE POSTALE SOUVENIR ET UN ARTICLE UTILITAIRE APPARIE

(71) **SPARTACUS MANAGEMENT COMPANY** [US/US]; 9520 Topanga Canyon Boulevard, #200, Chatsworth, CA 91311 (US).(72) **ORR, Peter, W.**; 17030 Sherman Way, Van Nuys, CA 91406 (US). **ZIPSER, Daniel**; 1569 Fairmont Road, Westlake Village, CA 91361 (US).(74) **GANS, Bernard, R.**; Jeffer, Mangels, Butler & Marmaro LLP, 10th floor, 2121 Avenue of the Stars, 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 UZ VN YU ZW; 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 98/51056** (13) A2

(21) PCT/SE98/00812

(22) **4 May/mai 1998 (04.05.1998)**

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(31) 9701669-5 (32) **2 May/mai 1997 (02.05.1997)** (33) SE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04M 1/57, 19/04**

- (54) ● IDENTIFICATION THROUGH NETWORK MESSAGES

- IDENTIFICATION PAR DES MESSAGES RE-SEAU

(71, 72) **BJÖRHN, Anders** [SE/SE]; Källängsv. 59, S-118 44 Lidingö (SE). **MELANTON, Johan** [SE/SE]; Gaveliusgatan 8, S-116 41 Stockholm (SE).(74) **ONN, Thorsten** et al. / etc.; AB Stockholms Patenbyrå, Zacco & Bruhn (publ), P.O. Box 23101, S-104 35 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).

- (11) **WO 98/51057** (13) A1
 (21) PCT/US98/08812
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/850,403 (32) **2 May/mai 1997 (02.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04M 1/64**
 (54) ● METHOD AND APPARATUS FOR PROVIDING GREETING MESSAGE IN TELEPHONY
 ● PROCEDE ET APPAREIL DE TELEPHONIE DESTINES A ADRESSER UN MESSAGE DE SALUTATION
 (71, 72) **MULHEARN, Michael, J.** [US/US]; 120 Overhill Road, Bronxville, NY 10708 (US). **GUILD, Marc** [US/US]; 45 Ellison Avenue, Bronxville, NY 10708 (US). **VERGARI, Bohn, C.** [US/US]; 24 Oriole Avenue, Bronxville, NY 10708 (US).

- (74) **COGGIO, Brian, 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).

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- (11) **WO 98/51058** (13) A1
 (21) PCT/FR98/00859
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 (25) fr (26) fr
 (31) 97/05530 (32) **2 May/mai 1997 (02.05.1997)** (33) FR
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04M 1/66**
 (54) ● TELEPHONE LINE CALL DISCRIMINATOR
 ● APPAREIL DISCRIMINATEUR D'APPELS POUR LIGNE TELEPHONIQUE
 (71) **ID3M** [FR/FR]; 3, rue des Ovides, F-42000 Saint Etienne (FR).
 (for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **MONGOUR, Jean** [FR/FR]; 1 bis, allée Jean Guilton, F-42000 Saint Etienne (FR).
 (74) **RICHEBOURG, Michel**; Cabinet Michel Richebourg, Le Clos du Golf, 69, rue Saint Simon, F-42000 Saint Etienne (FR).
 (81) AU BA BG BR CA CN CZ HU IL IS JP KR MX NO NZ PL RO RU SG SI 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 98/51059** (13) A2
 (21) PCT/EP98/02566
 (22) **30 Apr/avr 1998 (30.04.1998)**
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 (31) 197 18 711.0 (32) **2 May/mai 1997 (02.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)

- (51)⁶ **H04M 1/72**
 (54) ● MOBILE RADIO TELEPHONE WITH REDUCED KEY SET
 ● APPAREIL DE RADIOTELEPHONIE MOBILE A CLAVIER REDUIT
 (71) **EASYPHONE GMBH** [DE/DE]; Inselkammersstrasse 1, D-82008 Unterhaching (DE).
 (for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **PAZDERSKY, Kristian** [DE/DE]; Forstweg 9, D-82024 Taufkirchen (DE). **HARISCH, Klaus** [DE/DE]; Amselweg 1a, D-89281 Altenstadt (DE). **WÜNSCH, Peter** [DE/DE]; Max-Klingner-Strasse 4, D-82131 Gauting (DE).
 (74) **SCHULZ, Rütger**; Mitscherlich & Partner, Sonnenstrasse 33, D-80331 München (DE).
 (81) AU CA CZ NO RU SG US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51060** (13) A1
 (21) PCT/US98/09399
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) en (26) en
 (31) 08/853,654 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04M 3/20**
 (54) ● METHOD AND APPARATUS FOR PRECEDENCE AND PREEMPTION IN ATM CONNECTION ADMISSION CONTROL
 ● PROCEDE ET APPAREIL DE PRIORITE ET REQUISITION DANS UNE COMMANDE D'ADMISSION DE LIAISON EN MODE DE TRANSFERT ASYNCHRONE (ATM)
 (71) **GENERAL DATACOMM, INC.** [US/US]; 1579 Straits Turnpike, P.O. Box 1299, Middlebury, CT 06762-1299 (US).
 (72) **PORETSKY, Scott, Michael**; 47 Indian Meadow Drive, Northboro, MA 01532 (US).
 (74) **GORDON, David, P.**; 65 Woods End Road, Stamford, CT 06905 (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 98/51061** (13) A2
 (21) PCT/DE98/01110
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 (25) de (26) de
 (31) 197 19 447.8 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04M 3/22, 7/00**
 (54) ● METHOD AND DEVICE FOR NETWORK-WIDE CONNECTION ANALYSIS ON A TELECOMMUNICATION NETWORK
 ● PROCEDE ET DISPOSITIF D'ANALYSE DES CONNEXIONS D'UN RESEAU DE TELECOMMUNICATION A L'ECHELLE DE CE DERNIER
 (71) **SIEMENS AKTIENGESELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
 (for all designated States except / pour tous les États désignés sauf US)

- (11) **WO 98/51062** (13) A1
 (21) PCT/US98/09458
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/853,563 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04M 3/38**
 (54) ● SYSTEM AND PROCESS FOR AUTOMATIC STORAGE, ENFORCEMENT AND OVERRIDE OF CONSUMER DO-NOT-CALL REQUESTS
 ● SYSTEME ET PROCEDE DE STOCKAGE, D'EXECUTION, ET D'ANNULATION AUTOMATIQUES DE DEMANDES CLIENTS "NE PAS APPELER"
 (71) **TELEMARK TECHNOLOGY, INC.** [US/US]; Unit #5, 119 Beacon Street, Boston, MA 02116 (US).
 (72) **FOTTA, Keith, A.**; 830 Franklin Street, Duxbury, MA 02332 (US).
 (74) **HAMLIN, Lesley, A.**; Wolf, Greenfield & Sacks, P.C., 600 Atlantic Avenue, Boston, MA 02210 (US).
 (81) CA DE GB; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (72, 75) **KOFLER, Christian** [AT/DE]; Wallmenichstrasse 6, D-81369 München (DE). **TAPPERT, Ludger** [DE/DE]; Weissenseestrasse 87, D-81539 München (DE).
 (81) CN US; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51063** (13) A1
 (21) PCT/CA98/00200
 (22) **11 Mar/mar 1998 (11.03.1998)**
 (25) en (26) en
 (31) 08/852,125 (32) **6 May/mai 1997 (06.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04M 3/42, 7/00, H04L 29/06**
 (54) ● CALL MANAGEMENT APPARATUS AND METHODS FOR HANDLING CALLS DURING AN INTERNET SESSION
 ● DISPOSITIF DE GESTION DES APPELS ET PROCEDES PERMETTANT DE TRAITER LES APPELS DURANT UNE SESSION INTERNET
 (71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).
 (72) **COBLEY, Gerry**; 102 Loch Haven Lane, Cary, NC 27511 (US).
 (74) **SMITH, Dallas, F.**; Northern Telecom Limited, Patent Dept., P.O. Box 3511, Station "C", Ottawa, Ontario K1Y 4H7 (CA).
 (81) CA; EP (AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

- (11) **WO 98/51064** (13) A1
 (21) PCT/IB98/00630

- (11) **WO 98/51064** (13) A1
 (21) PCT/IB98/00630

(22) 27 Apr/avr 1998 (27.04.1998)

(25) en (26) en

(31) 08/850,515 (32) 2 May/mai 1997 (33) US
(02.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H04M 3/42(54) ● SYSTEM AND METHOD FOR COMMUNICATION MEDIA MANAGEMENT
● SYSTEME ET PROCEDE DE GESTION DE MOYENS DE COMMUNICATIONS

(71) NORTHERN TELECOM LIMITED [CA/CA]; P.O. Box 6123, Station A, Montreal, Quebec H3C 3J5 (CA).

(72) BEATON, Robert, J.; Apartment 806, 171 Lees Avenue, Ottawa, Ontario K1S 5P3 (CA). WELLS, Peter, M.; 267 Sunnyside Avenue, Ottawa, Ontario K1S 0R4 (CA).

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

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

(11) WO 98/51065 (13) A2

(21) PCT/US98/07472

(22) 13 Apr/avr 1998 (13.04.1998)

(25) en (26) en

(31) 08/841,834 (32) 5 May/mai 1997 (33) US
(05.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H04M 3/42, H04Q 7/22(54) ● SYSTEM AND METHOD FOR COMMUNICATING A MESSAGE USING A CELLULAR TELEPHONE NETWORK
● SYSTEME ET PROCEDE POUR COMMUNIQUER UN MESSAGE EN UTILISANT UN RESEAU TELEPHONIQUE CELLULAIRE

(71) HIGHWAYMASTER COMMUNICATIONS, INC. [US/US]; Suite 710, 16479 Dallas Parkway, Dallas, TX 75248 (US).

(72) KENNEDY, William, C., III; 9040 Church Road, Dallas, TX 75205 (US). KENNEDY, William, C., Jr.; 3639 Beverly Drive, Dallas, TX 75205 (US). SAUNDERS, William, C.; 6426 Glendora, Dallas, TX 75230 (US).

(74) SHOWALTER, Barton, E.; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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/US98/08583

(22) 30 Apr/avr 1998 (30.04.1998)

(25) en (26) en

(31) 08/852,729 (32) 7 May/mai 1997 (33) US
(07.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H04M 9/08(54) ● ACOUSTIC ECHO CANCELER
● COMPENSATEUR D'ECHO ACOUSTIQUE

(71) ERICSSON INC. [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) ROMESBURG, Eric, Douglas; 18 Rocky Knolls Road, Chapel Hill, NC 27516 (US).

(74) GRUDZIECKI, Ronald, L. 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).

(11) WO 98/51067 (13) A1

(21) PCT/US98/09207

(22) 8 May/mai 1998 (08.05.1998)

(25) en (26) en

(31) 08/853,683 (32) 9 May/mai 1997 (33) US
(09.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H04M 11/06(54) ● METHOD AND APPARATUS FOR REDUCING SIGNAL PROCESSING REQUIREMENTS FOR TRANSMITTING PACKET-BASED DATA WITH A MODEM
● PROCEDE ET APPAREIL POUR REDUIRE LES EXIGENCES DE TRAITEMENT DE SIGNAL A DES FINS DE TRANSMISSION DE DONNEES EN PAQUETS

(71) EPIGRAM, INC. [US/US]; 870 Maude Avenue, Sunnyvale, CA 94086 (US).

(72) YAMANO, Larry, C.; 838 Gary Avenue, Sunnyvale, CA 94086 (US). HOLLOWAY, John, T.; 7 Oakhill Drive, Woodside, CA 94062 (US). FRANK, Edward, H.; 127 Brookside, Portola Valley, CA 94028 (US). MALLORY, Tracy, D.; 4026 Ben Lomond Drive, Palo Alto, CA 94306 (US). CORRY, Alan, G.; 900 Pepper Tree #1613, Santa Clara, CA 95051 (US). FORREST, Craig, S.; 1640 20th Street, San Francisco, CA 94107 (US). PETERSON, Kevin, H.; 2100 Lyon Street #2, San Francisco, CA 94115 (US). ROBINSON, Timothy, B.; 16 Blackstone Drive, Boulder Creek, CA 95006 (US). SNOW, Dane; 3794 Sullivan Drive, Santa Clara, CA 95051 (US).

(74) MACPHERSON, Alan, H.; Skjerven, Morrill, MacPherson, Franklin & Friel LLP, Suite 700, 25 Metro Drive, San Jose, CA 95110 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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)

(11) WO 98/51068 (13) A1

(21) PCT/GB98/01262

(22) 30 Apr/avr 1998 (30.04.1998)

(25) en (26) en

(31) 9708928.8 (32) 1 May/mai 1997 (33) GB
(01.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H04M 11/08, H04N 7/173, H04L 29/06(54) ● INTERACTIVE DISPLAY SYSTEM
● SYSTEME D'AFFICHAGE INTERACTIF

(71) RED FIG LIMITED [GB/GB]; 42 Dover Street, London W1X 3RB (GB).

(72) ELLISON, Julian, Goring, Archdale; Crane Hill Lodge, Cornbury Park, Oxford OX7 3EH (GB). HANDLEY, James, William; Basement Flat 6, Devonshire Street, London W1N 2FT (GB).

(74) WOODWARD, John, Calvin et al. / etc.; Venner, Shipley & Co., 20 Little Britain, London EC1A 7DH (GB).

(81) AU 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).

Published / Publiée : (c)

(11) WO 98/51069 (13) A2

(21) PCT/US98/09172

(22) 5 May/mai 1998 (05.05.1998)

(25) en (26) en

(31) 08/841,794 (32) 5 May/mai 1997 (33) US
(05.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ H04N(54) ● METHOD AND SYSTEM FOR DECODING DATA IN A SIGNAL
● PROCEDE ET SYSTEME POUR DECODER DES DONNEES DANS UN SIGNAL(71) WAVEPHORE, INC. [US/US]; 3311 N. 44th Street, Phoenix, AZ 85018 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) GAUDREAU, Jean, Etienne [CA/US]; Apartment #2059, 2700 N. Hayden Road, Scottsdale, AZ 85257 (US).

(74) NOBLITT, Daniel, J.; Snell & Wilmer, One Arizona Center, 400 E. Van Buren Street, 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/51070 (13) A1

(21) PCT/US98/06443

(22) 2 Apr/avr 1998 (02.04.1998)

(25) en (26) en

(31) 08/855,709 (32) 8 May/mai 1997 (33) US
(08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 1/60**

(54) ● ARRANGEMENT FOR HIGH-ACCURACY COLORIMETRIC CHARACTERIZATION OF DISPLAY DEVICES AND METHOD THEREFOR

● DISPOSITIF OFFRANT UNE CARACTERISATION COLORIMETRIQUE HAUTE PRECISION DES VISUELS ET PROCEDE CORRESPONDANT

(71) **MINNESOTA MINING AND MANUFACTURING COMPANY** [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(72) **ROZZI, William, A.**; P.O. Box 33427, Saint Paul, MN 55133-3427 (US).(74) **HORNICKEL, John, H.**; Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (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).

(11) **WO 98/51071** (13) A2

(21) PCT/US98/08869

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/853,046 (32) **8 May/mai 1997 (08.05.1997)** (33) US(31) 08/848,387 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 5/00**

(54) ● CURRENT SOURCE AND THRESHOLD VOLTAGE GENERATION METHOD AND APPARATUS FOR HHK VIDEO CIRCUIT

● PROCEDE DE GENERATION DE SOURCE DE COURANT ET DE TENSION DE SEUIL ET APPAREIL POUR CIRCUIT VIDEO DE TYPE HHK

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **NAYEBI, Mehrdad** [US/US]; 727 Moreno Avenue, Palo Alto, CA 94303 (US). **NGO, Duc** [US/US]; 754 Kyle Street, San Jose, CA 95127 (US).(74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, 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).

(11) **WO 98/51072** (13) A1

(21) PCT/JP98/02009

(22) **6 May/mai 1998 (06.05.1998)**

(25) ja (26) ja

(31) 9/115437 (32) **6 May/mai 1997 (06.05.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 5/208**

(54) ● IMAGE CONVERTER AND IMAGE CONVERSION METHOD

● CONVERTISSEUR D'IMAGES ET PROCEDE DE CONVERSION D'IMAGES

(71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).

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

(72, 75) **KONDO, Tetsujiro** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **TATEHIRA, Yasushi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **NAKAYA, Hideo** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HOSHINO, Takaya** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **HATTORI, Masaaki** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).(74) **TANABE, Shigemoto**; Green-Fantasia Building, 5th floor, 11-11-508, Jingumae 1-chome, Shibuya-ku, Tokyo 150-0001 (JP).

(81) CN IL KR SG US; EP (CY DE FR GB).

(11) **WO 98/51073** (13) A1

(21) PCT/US98/08558

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

(25) en (26) en

(31) 08/851,667 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 5/222**

(54) ● A DIGITAL CAMERA WITH MULTIPLE OPERATING MODE

● APPAREIL PHOTOGRAPHIQUE NUMERIQUE A MODES DE FONCTIONNEMENT MULTIPLES

(71) **FLASHPOINT TECHNOLOGY, INC.** [US/US]; 152 North Third Street #800, San Jose, CA 95112 (US).(72) **ANDERSON, Eric, C.**; 931 Brentwood Drive, San Jose, CA 95129 (US). **SAYLOR, Steve**; 3405 White Oak Court, Morgan Hill, CA 95037 (US). **MANDER, Amanda, R.**; 844 Richardson Court, Palo Alto, CA 94303 (US).(74) **SAWYER, Joseph, A., Jr.** et al. / etc.; Sawyer & Associates, P.O. Box 51418, Palo Alto, CA 94303 (US).

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

Published / Publiée : (c)

(11) **WO 98/51074** (13) A1

(21) PCT/KR98/00107

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

(25) en (26) en

(31) 1997/16975 (32) **2 May/mai 1997 (02.05.1997)** (33) KR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 5/225**

(54) ● CAMCORDER

● CAMESCOPE

(71) **SAMSUNG ELECTRONICS CO., LTD.** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon, Kyonggi-do 442-370 (KR).

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

(72, 75) **CHO, In-sung** [KR/KR]; 113-204, 77, Gumi-dong, Sungnam, Kyonggi-do 463-500 (KR). **YOON, Hee-joung** [KR/KR]; 416, Maetan-dong, Paldal-gu, Suwon, Kyonggi-do 442-370 (KR).(74) **JUNG, Hyun-young**; Namsung Building, 3rd floor, 1472-12, Silim 11-dong, Gwanak-gu, Seoul 151-021 (KR).

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

(11) **WO 98/51075** (13) A1

(21) PCT/DE98/01286

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 20 148.2 (32) **2 May/mai 1997 (02.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 5/235**

(54) ● METHOD FOR CONTROLLING A VIDEO REFLECTION DEVICE CONTAINING A CCD IMAGE CONVERTER AND A VIDEO ELECTRONICS UNIT, FOR A MOTION PICTURE CAMERA

● PROCEDE DE COMMANDE D'UN DISPOSITIF DE REFLEXION VIDEO CONTENANT UN CONVERTISSEUR D'IMAGE A DISPOSITIF DE COUPLAGE DE CHARGE, POUR CAMERA CINEMATOGRAPHIQUE

(71) **ARNOLD & RICHTER CINE TECHNIK GMBH & CO. BETRIEBS KG** [DE/DE]; Postfach 40 01 49, D-80701 München (DE).

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

(72, 75) **NGUYEN-NHU, Anh** [DE/DE]; Eschenstrasse 88, D-85716 Unterschleissheim (DE).(74) **MAIKOWSKI & NINNEMANN**; Xantener Strasse 10, D-10707 Berlin (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)

(11) **WO 98/51076** (13) A1

(21) PCT/US97/18372

(22) **1 Oct/oct 1997 (01.10.1997)**

(25) en (26) en

(31) 08/848,895 (32) **1 May/mai 1997 (01.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 5/76**

(54) ● TIME-SHIFTING APPARATUS AND AUTO-EDIT SYSTEM

● APPAREIL A DECALAGE TEMPOREL ET SYSTEME D'AUTO-ÉDITION

(71, 72) **DANIELS, John, J.** [US/US]; 323 Roosevelt Drive, Seymour, CT 06483 (US).

(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 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 98/51077** (13) A1

(21) PCT/US98/09416

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 60/046,038 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 7/13, G06F 13/00**

(54) ● METHOD FOR EMBEDDING LINKS TO A NETWORKED RESOURCE IN A TRANSMISSION MEDIUM
● PROCEDE D'INTEGRATION DE LIAISONS DANS UNE RESSOURCE EN RESEAU DANS UN SUPPORT DE TRANSMISSION

(71) **NEOMEDIA TECHNOLOGIES, INC.** [US/US]; Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US).

(72) **DURST, Robert, T., Jr.**; 6054 Timberwoods Circle #240, Fort Myers, FL 33908 (US). **HUNTER, Kevin**; NeoMedia Technologies, Inc., Suite 600, 2201 Second Street, Fort Myers, FL 33901 (US).

(74) **TURNER, Roderick, S., W.**; Anthony R. Barkume, P.C., Suite 200, 14 South Main Street, Sayville, NY 11782 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/51078** (13) A1

(21) PCT/CA98/00463

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,793 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 7/14, 7/15**

(54) ● TELECONFERENCING ROBOT WITH SWIVELING VIDEO MONITOR
● ROBOT DE TELECONFERENCE AVEC MONITEUR VIDEO PIVOTANT

(63) US 60/045,793 (CON)
7 May/mai 1997 (07.05.1997)

(71) **TELBOTICS INC.** [CA/CA]; Suite 504, 317 Adelaide Street West, Toronto, Ontario M5V 1P9 (CA). (for all designated States except / pour tous les États désignés sauf US)

(71, 72) **FELS, Deborah, Ingrid** [CA/CA]; 277 Arlington Avenue, Toronto, Ontario M6C 2Z6 (CA). **TREVIRANUS, Jutta** [CA/CA]; 323 Woodbine Avenue, Toronto, Ontario M4L 3P3 (CA).

(72, 75) **SMITH, Graham, Thomas** [CA/CA]; Apartment 2, 61 Euclide Avenue, Toronto, Ontario M6J 2J8 (CA).

(74) **RICHEs, McKENZIE & HERBERT**; Suite 2900, 2 Bloor Street East, Toronto, Ontario M4W 3J5 (CA).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN 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 98/51079** (13) A1

(21) PCT/DE98/00959

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) de (26) de

(31) 197 18 984.9 (32) **5 May/mai 1997 (05.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 7/14, 5/44**

(54) ● VIDEO-TELEPHONY WITH A DIGITAL TV-SIGNAL RECEIVER
● VISIOPHONIE AVEC RECEPTEUR DE SIGNAUX TV NUMERIQUES

(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) **BOCK, Gerhard** [DE/DE]; Alfred-Schmidt-Strasse 34, D-81379 München (DE). **CARLSEN, Niels-Vejrup** [DK/DE]; Zepelinstrasse 59, D-81669 München (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)

(11) **WO 98/51080** (13) A1

(21) PCT/US98/09332

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/852,557 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 7/173**

(54) ● REMOTE VISUAL INFORMATION MONITORING SYSTEM AND METHOD
● SYSTEME ET PROCEDE DE SURVEILLANCE D'INFORMATIONS VISUELLES SITUÉES A DISTANCE

(71, 72) **ACOSTA, Edward** [US/US]; Apartment 101, 1008 W. 25 1/2 Street, Austin, TX 78705 (US). **KAO, Frank** [US/US]; 205 Rabbit Court, Fremont, CA 94539 (US).

(74) **LANGLEY, H., Dale, Jr.**; Akin, Gump, Strauss, Hauer & Feld, L.L.P., Suite 1900, 816 Congress Avenue, Austin, TX 78701 (US).

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

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(11) **WO 98/51081** (13) A1

(21) PCT/CA98/00439

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,811 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 7/18**

(54) ● SUBWAY TV MEDIA SYSTEM
● SYSTEME DE TELEVISION POUR METRO

(71, 72) **BLAIR, Scott** [CA/CA]; 32 Marlow Avenue, Toronto, Ontario M4J 3T9 (CA).

(74) **RIDOUT & MAYBEE**; 18th floor, 150 Metcalfe Street, Ottawa, Ontario K2P 1P1 (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).

(11) **WO 98/51082** (13) A1

(21) PCT/US98/09178

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 60/045,794 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(31) 08/889,033 (32) **7 Jul/juillet 1997 (07.07.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 7/18**

(54) ● TRANSACTION SYSTEM
● SYSTEME DE TRANSACTION

(71) **DIEBOLD, INCORPORATED** [US/US]; 5995 Mayfair Road, North Canton, OH 44720 (US).

(72) **FRAZZITTA, Bartholomew, J.**; 249 Lake Pointe Drive, Akron, OH 44333 (US). **BENORE, Randolph, C.**; 8727 Prancer, N.W., North Canton, OH 44720 (US). **MCINTYRE, Daniel, S.**; 11711 Meadow Lane, Monticello, OH 44685 (US). **DEPIETRO, Mark**; 3907 Harvard Avenue N.W., Canton, OH 44709 (US). **KALMAN, Jeffrey, M.**; 1849 Cadwell Avenue, Cleveland, OH 44118 (US).

(74) **JOCKE, Ralph, E.**; 231 South Broadway, Medina, OH 44256 (US).

(81) BR CA CN CZ HU KR MX 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 98/51083** (13) A1
 (21) PCT/US98/09284
 (22) **8 May/mai 1998 (08.05.1998)**
 (25) en (26) en
 (31) 08/853,871 (32) **9 May/mai 1997 (09.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04N 7/18, G03B 17/24**
 (54) ● CAMERA MOTION SENSING SYSTEM
 ● SYSTEME DE DETECTION DE MOUVEMENT DE CAMERA
 (71) **COMMOTION, INC.** [US/US]; 626 Ondossagon Way, Madison, WI 53719 (US).

- (72) **KIVOLOWITZ, Perry**; 626 Ondossagon Way, Madison, WI 53719 (US).
 (74) **LABARRE, James, A.**; 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 98/51084** (13) A1
 (21) PCT/DE98/01276
 (22) **7 May/mai 1998 (07.05.1998)**
 (25) de (26) de
 (31) 197 19 470.2 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04N 7/26, 7/30**
 (54) ● METHOD FOR CODING AND DECODING A DIGITALIZED IMAGE
 ● PROCEDE DE CODAGE ET DE DECODAGE D'UNE IMAGE NUMERISEE

- (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) **KUTKA, Robert** [DE/DE]; Hainbuchenstrasse 3, D-82269 Geltendorf (DE). **PANIS, Stathis** [CY/CY]; Georgiou Fasouloti Street 19, CY-3090 Limassol (CY).
 (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 98/51085** (13) A1
 (21) PCT/DE98/01255
 (22) **5 May/mai 1998 (05.05.1998)**
 (25) de (26) de
 (31) 197 19 383.8 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04N 7/30**

- (54) ● METHOD AND DEVICE FOR CODING AND DECODING A DIGITIZED IMAGE
 ● PROCEDE ET DISPOSITIF DE CODAGE ET DE DECODAGE D'UNE IMAGE NUMERISEE
 (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) **KAUP, André** [DE/DE]; Brotmannstrasse 25, D-85635 Höhenkirchen (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 98/51086** (13) A1
 (21) PCT/DE98/01137
 (22) **23 Apr/avr 1998 (23.04.1998)**
 (25) de (26) de
 (31) 197 19 471.0 (32) **7 May/mai 1997 (07.05.1997)** (33) DE
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04N 7/36**
 (54) ● METHOD AND DEVICE FOR CODING A DIGITIZED IMAGE
 ● PROCEDE ET DISPOSITIF DE CODAGE D'UNE IMAGE NUMERISEE

- (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) **PANDEL, Jürgen** [DE/DE]; Schlossweg 17A, D-83620 Feldkirchen-Westerham (DE). **SALAI, Albert** [DE/DE]; Hans-Sachs-Strasse 5, D-80469 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 98/51087** (13) A2
 (21) PCT/IB98/00556
 (22) **14 Apr/avr 1998 (14.04.1998)**
 (25) en (26) en
 (31) 97201359.3 (32) **7 May/mai 1997 (07.05.1997)** (33) EP
 (34) NL et al. / etc.
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04N 9/31**
 (54) ● IMAGE PROJECTION SYSTEM
 ● SYSTEME DE PROJECTION D'IMAGE

- (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) **CORNELISSEN, Hugo, John**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **DE VAAN, Adrianus, Johannes, Stephanus, Maria**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
 (74) **BAELE, Ingrid, A., F., M.**; Internationaal Octrooi-bureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).

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

- (11) **WO 98/51088** (13) A1
 (21) PCT/US98/08851
 (22) **1 May/mai 1998 (01.05.1998)**
 (25) en (26) en
 (31) 08/852,918 (32) **8 May/mai 1997 (08.05.1997)** (33) US
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04N 9/455**

- (54) ● BURST GATE PULSE GENERATOR CIRCUIT
 ● GENERATEUR D'IMPULSIONS DE PORTE DECLENCHANT LE SIGNAL DE CHROMINANCE
 (71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
(for all designated States except / pour tous les États désignés sauf US)
 (72, 75) **NAYEBI, Mehrdad** [US/US]; 727 Moreno Avenue, Palo Alto, CA 94303 (US). **NGO, Duc** [US/US]; 754 Kyle Street, San Jose, CA 95127 (US).
 (74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, 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 98/51089** (13) A1
 (21) PCT/JP98/02035
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 (31) 9/117191 (32) **7 May/mai 1997 (07.05.1997)** (33) JP
 (43) 12 Nov/nov 1998 (12.11.1998)
 (51)⁶ **H04N 9/68**

- (54) ● IMAGE SIGNAL PROCESSOR, COLOR VIDEO CAMERA, AND METHOD OF PROCESSING IMAGE SIGNALS
 ● PROCESSEUR DE SIGNAUX D'IMAGES, CAMERA VIDEO COULEUR ET PROCEDE DE TRAITEMENT DE SIGNAUX D'IMAGES
 (71) **SONY CORPORATION** [JP/JP]; 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP).
(for all designated States except / pour tous les États désignés sauf US)

- (72, 75) **NAKAMURA, Hitoshi** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **KAWA, Seiji** [JP/JP]; Sony Corporation, 7-35, Kitashinagawa 6-chome, Shinagawa-ku, Tokyo 141-0001 (JP). **SUDO, Fumihiko** [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) JP US.

(11) **WO 98/51090** (13) A1

(21) PCT/US98/08945

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/853,047 (32) **8 May/mai 1997 (08.05.1997)** (33) US(31) 08/848,385 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 9/72, 9/77**

(54) ● LUMINANCE SIGNAL GENERATION CIRCUIT WITH SINGLE CLAMP IN CLOSED LOOP CONFIGURATION AND HORIZONTAL SYNCHRONIZATION PULSE GENERATION

● CIRCUIT FOURNISSANT DES SIGNAUX DE LUMINANCE, A CALEUR UNIQUE EN CONFIGURATION EN BOUCLE FERME ET A CIRCUIT GENERATEUR D'IMPULSIONS DE SYNCHRONISATION HORIZONTALE

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **NAYEBI, Mehrdad** [US/US]; 727 Moreno Avenue, Palo Alto, CA 94303 (US). **NGO, Duc** [US/US]; 754 Kyle Street, San Jose, CA 95127 (US).(74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, 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).

(11) **WO 98/51091** (13) A1

(21) PCT/US98/08870

(22) **1 May/mai 1998 (01.05.1998)**

(25) en (26) en

(31) 08/852,919 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04N 9/78**

(54) ● METHOD OF AND APPARATUS FOR SELECTIVELY ENGAGING AN INTERNAL TRAP FILTER AND IMPLEMENTING AN EXTERNAL TRAP FILTER THROUGH A SINGLE PIN

● PROCEDE ET APPAREIL PERMETTANT D'UTILISER DE MANIERE SELECTIVE UN FILTRE-BOUCHON INTERNE ET DE METTRE EN OEUVRE UN FILTRE-BOUCHON EXTERNE AU MOYEN D'UNE BROCHE UNIQUE

(71) **SONY ELECTRONICS INC.** [US/US]; 1 Sony Drive, Park Ridge, NJ 07656 (US).
(for all designated States except / pour tous les États désignés sauf US)(72, 75) **NAYEBI, Mehrdad** [US/US]; 727 Moreno Avenue, Palo Alto, CA 94303 (US). **NGO, Duc** [US/US]; 754 Kyle Street, San Jose, CA 95127 (US).(74) **HAVERSTOCK, Thomas, B.** et al. / etc.; Haverstock & Owens LLP, Suite 420, 260 Sheridan Avenue, 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).

(11) **WO 98/51092** (13) A1

(21) PCT/SE98/00758

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

(25) en (26) en

(31) 08/851,897 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 3/00**

(54) ● COMPUTER TELEPHONY INTEGRATION GATEWAY

● PASSERELLE D'INTEGRATION TELEPHONIQUE PAR ORDINATEUR

(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).(72) **LINDBERG, Jan**; Rosenhoj 45, DK-2990 Nivaa (DK). **SMIDT, Allan**; Moellebakken 12, DK-2700 Broenshoej (DK). **HAMMARSTRÖM, Peter**; Hemskogen 7, S-811 52 Sandviken (SE).(74) **ERICSSON TELECOM AB**; IPR Management & Patent Dept., S-126 25 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).

(11) **WO 98/51093** (13) A1

(21) PCT/US98/08818

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/046,016 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 3/00**

(54) ● COMMUNICATION SYSTEM WITH MULTIPLE SCP

● SYSTEME DE COMMUNICATIONS A PCS MULTIPLES

(71) **DSC TELECOM L.P.** [US/US]; 1000 Coit Road, Plano, TX 75075 (US).(72) **REKIETA, Thomas, W.**; 870 Sharon Road, McKinney, TX 75069 (US). **CHEN, Chyuan-Meei**; 4620 Courtyard Trail, Plano, TX 75024 (US). **JIANG, John, L.**; 3705 Legendary Lane, Plano, TX 75023 (US).(74) **LINTEL, Alan, W.**; Anderson, Levine & Lintel, L.L.P., Suite 111, 12160 Abrams Road, Dallas, TX 75243 (US).

(81) BR CN JP.

(11) **WO 98/51094** (13) A2

(21) PCT/US98/08996

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/046,102 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 3/00**

(54) ● COMMUNICATION SYSTEM WITH CENTRALIZED GLOBAL TITLE TRANSLATION TABLE

● SYSTEME DE COMMUNICATION A TABLE DE TRADUCTION D'APPELLATION GLOBALE CENTRALISEE

(71) **DSC TELECOM L.P.** [US/US]; 1000 Coit Road, Plano, TX 75075 (US).(72) **COOPER, Roy, K.**; 2808 Hampton Court, Richardson, TX 75082 (US). **SCOTT, William, L.**; 800 Summer Place, Plano, TX 75094 (US). **CLARK, Jeffrey, C.**; 5000 K Avenue #2622, Plano, TX 75074 (US).(74) **LINTEL, Alan, W.**; Anderson, Levine & Lintel, L.L.P., Suite 111, 12160 Abrams Road, Dallas, TX 75243 (US).

(81) BR CN JP.

(11) **WO 98/51095** (13) A2

(21) PCT/US98/09065

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/046,101 (32) **9 May/mai 1997 (09.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 3/00**

(54) ● SCP DATABASE MIGRATION

● TRANSFERT DE BASE DE DONNEES A DES POINTS DE COMMANDE DE SERVICE

(71) **DSC TELECOM L.P.** [US/US]; 1000 Coit Road, Plano, TX 75075 (US).(72) **REKIETA, Thomas, W.**; 870 Sharon Road, McKinney, TX 75069 (US). **CHEN, Chyuan-Meei**; 4620 Courtyard Trail, Plano, TX 75024 (US). **WANG, Ketty, E.**; 1509 Harrington Drive, Plano, TX 75075 (US). **TUNG, Bihding**; 4204 Saltbrun Drive, Plano, TX 75093 (US). **MAO, Ding-Chyang**; 4421 McKavett Drive, Plano, TX 75024 (US).(74) **LINTEL, Alan, W.**; Anderson, Levine & Lintel, L.L.P., Suite 111, 12160 Abrams Road, Dallas, TX 75243 (US).

(81) BR CN JP.

(11) **WO 98/51096** (13) A1

(21) PCT/US98/09113

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 60/046,098 (32) **9 May/mai 1997** (33) US
(09.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 3/00**

(54) ● COMMUNICATION SYSTEM WITH RAPID DATABASE SYNCHRONIZATION
● SYSTEME DE COMMUNICATION A SYNCHRONISATION RAPIDE DE LA BASE DE DONNEES

(71) **DSC TELECOM L.P.** [US/US]; 1000 Coit Road, Plano, TX 75075 (US).

(72) **REKIETA, Thomas, W.**; 870 Sharon Road, McKinney, TX 75069 (US). **CHEN, Chyuan-Meei**; 4620 Courtyard Trail, Plano, TX 75024 (US). **GUTHRIE, Zack, S.**; 6712 Tamarron Lane, Plano, TX 75024 (US).

(74) **LINTEL, Alan, W.**; Anderson, Levine & Lintel, L.L.P., Suite 111, 12160 Abrams Road, Dallas, TX 75243 (US).

(81) BR CN JP.

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(11) **WO 98/51097** (13) A2

(21) PCT/US98/09306

(22) **6 May/mai 1998 (06.05.1998)**

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(31) 08/852,951 (32) **8 May/mai 1997** (33) US
(08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 3/00**

(54) ● APPLICATION PROGRAMMING INTERFACE FOR INTELLIGENT NETWORK
● INTERFACE DE PROGRAMMATION D'APPLICATIONS POUR RESEAU INTELLIGENT

(71) **GLOBAL MOBILITY SYSTEMS, INC.** [US/US]; Suite 110, 11201 S.E. 8th Street, Bellevue, WA 98004 (US).

(72) **GOSSMAN, William, E.**; 1984 Magnolia Boulevard West, Seattle, WA 98199 (US). **HART-MAIER, Peter, J.**; 12501-197th Court N.E., Woodinville, WA 98072 (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).

(11) **WO 98/51098** (13) A1

(21) PCT/US97/07612

(22) **6 May/mai 1997 (06.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 5/02, H04M 3/42, 11/06**

(54) ● SYSTEM AND METHOD FOR COMPLETING TWO CALLS USING ANALOG INTERFACE TO TELEPHONE NETWORK

● SYSTEME ET PROCEDE PERMETTANT D'ETABLIR DEUX LIAISONS AU MOYEN D'UNE INTERFACE ANALOGIQUE CONNECTEE A UN RESEAU TELEPHONIQUE

(71) **AT & T CORP.** [US/US]; 32 Avenue of the Americas, New York, NY 10013-2412 (US).

(72) **BURG, Frederick, M.**; 62 Golf Street, West Long Branch, NJ 07764 (US). **SCHIANO, Anthony**; 112 Parker Road, Long Valley, NJ 07853 (US). **MOSTA, Hashem, Sherif**; 48, boulevard Vital-Bouhot, F-92200 Neuilly-sur-Seine (FR). **TEWANI, Kamlesh, T.**; 37 Jefferson Court, Freehold, NJ 07728 (US).

(74) **YOUNG, Mark, K.**; AT & T Corp., P.O. Box 4110, Middletown, NJ 07748 (US).

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

(11) **WO 98/51099** (13) A2

(21) PCT/DE98/01225

(22) **4 May/mai 1998 (04.05.1998)**

(25) de (26) de

(31) 197 19 164.9 (32) **6 May/mai 1997** (33) DE
(06.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● DEVICE FOR TRANSFERRING COMMUNICATION DATA FROM A COMPUTER VIA A COMMUNICATION NETWORK

● DISPOSITIF POUR LE TRANSFERT DE DONNEES DE TRANSMISSION D'UN ORDINATEUR PAR L'INTERMEDIAIRE D'UN RESEAU DE TRANSMISSION

(71) **SIEMENS AKTIENGESSELLSCHAFT** [DE/DE]; Wittelsbacherplatz 2, D-80333 München (DE).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **MÜLLER, Wilhelm** [DE/DE]; Unteranger 21, D-85457 Würth (DE). **TAKANEN, Seppo** [FI/DE]; Aidenbachstrasse 114, D-81379 München (DE).

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

(11) **WO 98/51100** (13) A2

(21) PCT/US98/07851

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

(25) en (26) en

(31) 08/841,850 (32) **5 May/mai 1997** (33) US
(05.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/00**

(54) ● REMOTE FEATURE CODE PROGRAMMING FOR MOBILE STATIONS

● TELEPROGRAMMATION D'INDICATIFS DE FONCTION POUR STATIONS MOBILES

(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) **SHAH, Bharat** [US/US]; 9162 Westvale Road, San Diego, CA 92129 (US).

(74) **MUSICK, Eleanor, M.** et al. / etc.; Brown, Martin, Haller & McClain, 1660 Union Street, San Diego, CA 92101-2926 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/51101** (13) A2

(21) PCT/SE98/00802

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

(25) en (26) en

(31) 08/852,879 (32) **8 May/mai 1997** (33) US
(08.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/12**

(54) ● METHOD FOR FREQUENCY MODE VALIDATION FOR, FREQUENCY ASSIGNMENT FOR, AND EVALUATING THE NETWORK EFFECT OF A FREQUENCY PLAN REVISION WITHIN A DUAL MODE CELLULAR TELEPHONE SYSTEM

● PROCEDE DE VALIDATION DE MODE FREQUENCE ET EVALUATION DE L'EFFET SUR LE RESEAU DE LA REVISION D'UN PLAN DE FREQUENCES DANS UN SYSTEME DE TELEPHONE CELLULAIRE BIMODAL

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **GUIMONT, Vincent**; 54, 43e Avenue, Blainville, Quebec J7C 3M7 (CA). **BRIERE, Sylvain**; 3471 Marian Street, Laval, Quebec H7P 5K8 (CA). **DUFOUR, Daniel**; 62, 43e Avenue Est, Blainville, Quebec J7C 3M7 (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).

(11) **WO 98/51102** (13) A2

(21) PCT/FI98/00383

(22) **5 May/mai 1998 (05.05.1998)**

(25) en (26) en

(31) 971927 (32) **6 May/mai 1997** (33) FI
(06.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/22**

(54) ● CELL SELECTION BASED ON USER PROFILE IN CELLULAR RADIO SYSTEM

● SELECTION DE CELLULE BASEE SUR PROFIL D'USAGER DANS UN SYSTEME DE RADIODICTIONNEMENT CELLULAIRE

(71) **NOKIA MOBILE PHONES LTD.** [FI/FI]; Keilalahdentie 4, FIN-02150 Espoo (FI).
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(72, 75) **KORPELA, Mikko** [FI/FI]; Autoilijantie 4 B, FIN-92130 Raabe (FI). **JUTILA, Sami** [FI/FI]; Tapiointie 3 B 15, FIN-90570 Oulu (FI). **PUSSINEN, Arto** [FI/FI]; Karppalantie 7, FIN-90540 Oulu (FI). **PIRTTIKANGAS, Kari** [FI/GB]; Ullswater Avenue, Southwood, Farmborough GU14 0JR (GB). **LINTULAMPI, Raino** [FI/FI]; Teponkentäntie 9, FIN-90810 Kiviniemi (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, 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).

(11) **WO 98/51103** (13) A2

(21) PCT/IB98/00979

(22) **8 May/mai 1998 (08.05.1998)**

(25) en (26) en

(31) 60/045,995 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(31) 60/047,280 (32) **21 May/mai 1997 (21.05.1997)** (33) US

(31) 08/994,353 (32) **19 Dec/déc 1997 (19.12.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/22, 7/38, 7/32, H04B 7/26**

(54) ● WIRELESS COMMUNICATION SYSTEM SUPPORTING MULTIPLE FREQUENCY BANDS AND MULTIPLE PROTOCOLS

● SYSTEME DE COMMUNICATION SANS FIL PRENANT EN CHARGE DES BANDES DE FREQUENCES MULTIPLES ET DES PROTOCOLES MULTIPLES

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street, West, Montreal, Quebec H2Y 3Y4 (CA).

(72) **SHAHEEN, Kamel, M.**; 7301 Alma Drive #721, Plano, TX 75025 (US). **HUANG, Chenhong**; 2916 Valley Spring Drive, Plano, TX 75025 (US).

(81) CA CN MX.

(11) **WO 98/51104** (13) A1

(21) PCT/SE98/00752

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

(25) en (26) en

(31) 08/852,032 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/22**

(54) ● A COMMUNICATION SYSTEM THAT COMMUNICATES POSITION INFORMATION OF ROAMING MOBILE STATIONS

● SYSTEME DE COMMUNICATION COMMUNIQUANT DES INFORMATIONS DE POSITION DE STATIONS MOBILES ITINERANTES

(71) **TELEFONAKTIEBOLAGET LM ERICSSON** (publ) [SE/SE]; S-126 25 Stockholm (SE).

(72) **LUNDIN, Magnus**; Polhemsgatan 19A, S-371 40 Karlskrona (SE).

(74) **TELEFONAKTIEBOLAGET LM ERICSSON**; Patent and Trademark Dept., S-126 25 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 98/51105** (13) A1

(21) PCT/FR98/00910

(22) **6 May/mai 1998 (06.05.1998)**

(25) fr (26) fr

(31) 97/05666 (32) **7 May/mai 1997 (07.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/24, 3/00**

(54) ● TELECOMMUNICATION NETWORK WITH FIXED AND MOBILE SUBSCRIBERS

● RESEAU DE TELECOMMUNICATIONS AYANT DES ABONNES FIXES ET MOBILES

(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) **NEVOUX, Rola** [FR/FR]; 1, rue de Montmorency, F-78990 Elancourt (FR). **CHATRAS, Bruno** [FR/FR]; 9, rue Rondelet, F-75012 Paris (FR).

(74) **LOISEL, Bertrand**; Cabinet Plasseraud, 84, rue d'Amsterdam, F-75440 Paris Cedex 09 (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 98/51106** (13) A2

(21) PCT/IB98/00573

(22) **16 Apr/avr 1998 (16.04.1998)**

(25) en (26) en

(31) 08/847,693 (32) **5 May/mai 1997 (05.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/24**

(54) ● GSM WIRED ACCESS

● ACCES AU GSM PAR CABLE

(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PARKER, Jerry, Joe** [US/US]; 2101 Fairfax Circle, Richardson, TX 75082 (US). **O'CONNELL, John** [GB/FR]; 11, rue de la Clemencerie, F-78620 Etang la Ville (FR). **MAXWELL, Stewart, Hodde** [US/US]; 8337 Clubmeadows Drive, Dallas, TX 75243 (US).

(74) **MCCOMBS, David, L.** 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/51107** (13) A2

(21) PCT/DE98/01191

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

(25) de (26) de

(31) 197 19 356.0 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/32**

(54) ● METHOD FOR CHECKING WHETHER A PROGRAMME CONTAINS ERRORS

● PROCEDURE POUR VERIFIER SI UN PROGRAMME COMPORTE DES ERREURS

(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) **PETERS, Stefan** [DE/DE]; Birkenholz 27, D-85567 Grafing (DE).

(74) **SIEMENS NIXDORF INFORMATIONSSYSTEME AG**; Epping, Wilhelm, Postfach 22 13 17, D-80503 München (DE).

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

(11) **WO 98/51108** (13) A2

(21) PCT/US98/08134

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

(25) en (26) en

(31) 08/850,913 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04Q 7/32**

(54) ● HAND-HELD CELLULAR TELEPHONE WITH POWER MANAGEMENT FEATURES

● TELEPHONE CELLULAIRE PORTABLE AVEC DES FONCTIONNALITES DE GESTION DE LA CONSOMMATION D'ENERGIE

(71) **ERICSSON, INC.** [US/US]; P.O. Box 13969, Research Triangle Park, NC 27709-3969 (US). (for all designated States except / pour tous les États désignés sauf US)

(72, 75) **IRVIN, David, R.** [-/US]; 3101 Churchill Road, Raleigh, NC 27607 (US).

(74) **BENNETT, David, E.** et al. / etc.; Rhodes, Coats and Bennett, L.L.P., P.O. Box 5, Raleigh, NC 27602 (US).

(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/51109** (13) A1
(21) PCT/SE98/00777
(22) **28 Apr/avr 1998 (28.04.1998)**
(25) en (26) en
(31) 08/847,540 (32) **1 May/mai 1997 (01.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H04Q 7/34, 7/36**
(54) ● METHOD, AND ASSOCIATED APPARATUS, FOR DETERMINING CELL RELATIONSHIPS IN A RADIO COMMUNICATION SYSTEM
● PROCEDE ET APPAREIL DE DETERMINATION DES RELATIONS ENTRE LES CELLULES DANS UN SYSTEME DE RADIOCOMMUNICATION
(71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE).
(72) **KRONESTEDT, Carl, Fredric, Ulf**; S:t Eriksgatan 54, S-112 34 Stockholm (SE). **FORSSEN, Ulf**; Toppvägen 6, S-132 39 Saltsjö-Boo (SE). **ANDERSON, Sören**; Dalagatan 78B, S-113 24 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 98/51110** (13) A1
(21) PCT/JP98/02028
(22) **7 May/mai 1998 (07.05.1998)**
(25) ja (26) ja
(31) 9/117751 (32) **8 May/mai 1997 (08.05.1997)** (33) JP
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H04Q 7/36**
(54) ● TRAIN RADIO COMMUNICATION SYSTEM AND RADIO TRANSMITTER/RECEIVER THEREFOR
● SYSTEME DE RADIOCOMMUNICATION POUR TRAIN ET EMETTEUR/RECEPTEUR RADIO AFFERENT
(71) **HITACHI, LTD.** [JP/JP]; 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010 (JP).
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(72, 75) **OGINO, Atsushi** [JP/JP]; Chuo Kenkyusho of Hitachi, Ltd., 280, Higashi-Koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **SUZUKI, Hideya** [JP/JP]; Chuo Kenkyusho of Hitachi, Ltd., 280, Higashi-Koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP). **DOI, Nobukazu** [JP/JP]; Chuo Kenkyusho of Hitachi, Ltd., 280, Higashi-Koigakubo 1-chome, Kokubunji-shi, Tokyo 185-8601 (JP).
(74) **ASAMURA, Kiyoshi** et al. / etc.; New Ohtemachi Building, Room 331, 2-1, Ohtemachi 2-chome, Chiyoda-ku, Tokyo 100-0004 (JP).
(81) CN 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 98/51111** (13) A1
(21) PCT/IB98/00338
(22) **12 Mar/mar 1998 (12.03.1998)**
(25) en (26) en
(31) 9709285.2 (32) **8 May/mai 1997 (08.05.1997)** (33) GB
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H04Q 7/38**
(54) ● LINK QUALITY DEPENDENT MODULATION SCHEME
● DIAGRAMME DE MODULATION DEPEN-DANT DE LA QUALITE DE LIAISON
(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) **MOULSLEY, Timothy, James**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
(74) **MOODY, Colin, J.**; 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 98/51112** (13) A2
(21) PCT/DE98/01232
(22) **5 May/mai 1998 (05.05.1998)**
(25) de (26) de
(31) 197 18 827.3 (32) **5 May/mai 1997 (05.05.1997)** (33) DE
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H04Q 9/00**
(54) ● METHOD AND DEVICE TO AUTHENTICATE SUBSCRIBERS IN A MOBILE RADIOTELEPHONE SYSTEMS
● PROCEDE ET DISPOSITIF POUR AUTHENTIFIER DES UTILISATEURS D'UN SYSTEME RADIOTELEPHONIQUE MOBILE
(71) **DETEMOBIL DEUTSCHE TELEKOM MOBILNET GMBH** [DE/DE]; Landgrabenweg 151, D-53227 Bonn (DE).
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(72, 75) **MOHRS, Walter** [DE/DE]; Rosenhain 3, D-53123 Bonn (DE).
(74) **RIEBLING, Peter**; Postfach 3160, D-88113 Lindau (DE).
(81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CZ 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 98/51113** (13) A2
(21) PCT/GB98/01243
(22) **29 Apr/avr 1998 (29.04.1998)**
(25) en (26) en
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- (31) 9709110.2 (32) **2 May/mai 1997 (02.05.1997)** (33) GB
(31) 08/896,380 (32) **18 Jul/juil 1997 (18.07.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H04Q 11/00**
(54) ● DATA SUPPRESSION AND REGENERATION
● SUPPRESSION ET REGENERATION DE DONNEES
(71) **NORTHERN TELECOM LIMITED** [CA/CA]; World Trade Center of Montreal, 8th floor, 380 St. Antoine Street West, Montreal, Quebec H2Y 3Y4 (CA).
(for all designated States except / pour tous les États désignés sauf US)
(72, 75) **DOLBY, Riki, Benjamin** [GB/GB]; 55 Greenhill Park, Bishop's Stortford, Hertfordshire CM23 4EW (GB). **HARVEY, Gyles** [GB/GB]; 201 Foldcroft, Harlow, Essex CM20 1SW (GB). **JENKINS, Nigel, Phillip** [GB/GB]; 15 Holmes Meadow, Harlow, Essex CM19 5SG (GB). **RAVIRAJ, Rajakulasingam** [LK/GB]; 54 Sharpecroft, Harlow, Essex CM19 4AB (GB).
(74) **RYAN, John, Peter, William**; Nortel Patents, London Road, Harlow, Essex CM17 9NA (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 98/51114** (13) A1
(21) PCT/SE98/00750
(22) **24 Apr/avr 1998 (24.04.1998)**
(25) en (26) en
(31) 08/851,714 (32) **6 May/mai 1997 (06.05.1997)** (33) US
(43) 12 Nov/nov 1998 (12.11.1998)
(51)⁶ **H04Q 11/04**
(54) ● SHORT PACKET CIRCUIT EMULATION
● DONNEES D'EMULATION DE CIRCUIT EN PETITS PAQUETS
(71) **TELEFONAKTIEBOLAGET LM ERICSSON** [SE/SE]; S-126 25 Stockholm (SE).
(72) **WESTBERG, Lars**; Långtora Grän, S-745 96 Enköping (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 98/51115** (13) A2
(21) PCT/SE98/00823
(22) **5 May/mai 1998 (05.05.1998)**

- (25) en (26) en (43) 12 Nov/nov 1998 (12.11.1998) (25) en (26) en
- (31) 9701715-6 (32) **7 May/mai 1997** (33) SE (51)⁶ **H04Q 11/04, H04M 3/50** (31) 08/848,426 (32) **8 May/mai 1997** (33) US (07.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998) (54) ● METHOD AND APPARATUS FOR ROUTING INTERNET CALLS (43) 12 Nov/nov 1998 (12.11.1998)
- (51)⁶ **H04Q 11/04** ● PROCEDE ET APPAREIL DE ROUTAGE DE COMMUNICATIONS INTERNET (51)⁶ **H04Q 11/04**
- (54) ● METHOD AND DEVICE IN ISDN NETWORK ● PROCEDE ET DISPOSITIF DESTINES A UN RESEAU RNIS (71) **DSC TELECOM L.P.** [US/US]; 1000 Coit Road, Plano, TX 75075 (US).
- (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE). **TELIA AB** [SE/SE]; S-123 86 Farsta (SE). (for all designated States except / pour tous les États désignés sauf US)
- (72) **DESCHAIINE, Stephen, A.**; 3326 Bluffview, Garland, TX 75043 (US). **TRAUPMAN, Edward, P.**; 490 Hackberry Drive, Fairview, TX 75069 (US). **WARD, Ronald, L.**; 3823 Ridgecrest Drive, Flower Mound, TX 75028 (US). **HAGER, Kevin, W.**; 3324 Jameston Drive, Flower Mound, TX 75028 (US).
- (72, 75) **ABRAHAMSSON, Leif** [SE/SE]; Näsbydalsvägen 16, S-183 31 Täby (SE).
- (74) **HERBJÖRNSSEN, Rut** et al. / etc.; Albihns Patentbyrå Stockholm AB, P.O. Box 3137, S-103 62 Stockholm (SE).
- (74) **FISH, Charles, S.**; Baker & Botts, L.L.P., 2001 Ross Avenue, Dallas, TX 75201-2980 (US).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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).
- (81) AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV 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 98/51116** (13) A2 (21) PCT/US98/00825 (22) **5 May/mai 1998 (05.05.1998)**
- (25) en (26) en (31) 9701717-2 (32) **7 May/mai 1997** (33) SE (07.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998) (51)⁶ **H04Q 11/04, H04M 1/66**
- (54) ● METHOD AND DEVICE IN ISDN NETWORK ● PROCEDE ET DISPOSITIF DESTINES A UN RESEAU RNIS (71) **TELEFONAKTIEBOLAGET LM ERICSSON (publ)** [SE/SE]; S-126 25 Stockholm (SE). **Telia AB** [SE/SE]; S-123 86 Farsta (SE). (for all designated States except / pour tous les États désignés sauf US)
- (72, 75) **ABRAHAMSSON, Leif** [SE/SE]; Näsbydalsvägen 16, S-183 31 Täby (SE).
- (74) **HERBJÖRNSSEN, Rut** 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 UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE); OA (BF BJ CF CG CI CM GA GN ML MR NE SN TD TG).
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- (11) **WO 98/51117** (13) A1 (21) PCT/US98/07679 (22) **17 Apr/avr 1998 (17.04.1998)**
- (25) en (26) en (31) 08/850,500 (32) **2 May/mai 1997** (33) US (02.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998) (51)⁶ **H04Q 11/04**
- (54) ● MULTIPROTOCOL ADAPTOR FOR COMMUNICATION BETWEEN CEBUS DEVICES AND REMOTE CONTROLLERS OVER AN ATM-BASED BROADBAND ACCESS NETWORK ● ADAPTATEUR MULTIPROTOCOLE POUR COMMUNICATION ENTRE DISPOSITIFS CEBUS ET ELEMENTS DE COMMANDE A DISTANCE SUR UN RESEAU D'ACCES A LARGE BANDE MTA (71) **ERICSSON, INC.** [US/US]; Patent Dept., 1010 East Arapaho, Richardson, TX 75081 (US).
- (72) **MOSTAFA, Mohamed**; 1011 Henderson Avenue, Menlo Park, CA 94025 (US). **KUMAR, Rajesh**; 33750 Rye Terrace, Fremont, CA 94555 (US).
- (74) **BURSE, David, T.** 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 98/51118** (13) A1 (21) PCT/US98/08998 (22) **4 May/mai 1998 (04.05.1998)**
- (25) en (26) en (31) 08/853,109 (32) **8 May/mai 1997** (33) US (08.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998) (51)⁶ **H04Q 11/04**
- (54) ● OPERATIONS AND MAINTENANCE DATA FLOWS OVER A POINT-TO-MULTIPOINT BROADBAND ACCESS NETWORK ● FLUX DE DONNEES D'EXPLOITATION ET DE GESTION DANS UN RESEAU D'ACCES LARGE BANDE POINT-MULTIPOINT (71) **ERICSSON INC.** [US/US]; 1010 East Arapaho Road, P.O. Box 833875, Richardson, TX 75083-3875 (US).
- (72) **ABDELHAMID, Hisham, Sami**; 23C Escondido Village, Stanford, CA 94305 (US). **MOSTAFA, Mohamed**; 1011 Henderson Avenue, Menlo Park, CA 94025 (US).
- (74) **BURSE, David, T.** 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 98/51120** (13) A2 (21) PCT/US97/23609 (22) **19 Dec/déc 1997 (19.12.1997)**
- (25) en (26) en (31) 08/852,657 (32) **7 May/mai 1997** (33) US (07.05.1997) (31) 08/852,658 (32) **7 May/mai 1997** (33) US (07.05.1997)
- (43) 12 Nov/nov 1998 (12.11.1998) (51)⁶ **H04Q 11/06**
- (54) ● APPARATUS FOR AN IMPROVED ISDN TERMINAL ADAPTER AND METHODS FOR USE THEREIN ● APPAREIL POUR ADAPTEUR DE TERMINAL RNIS AMELIORE ET PROCEDES AFFERENTS (71) **3COM CORPORATION** [US/US]; 5400 Bayfront Plaza, P.O. Box 58145, Santa Clara, CA 95052-8145 (US).
- (72) **BRENNAN, Daniel, M.**; 135 David Place, Hillsdale, NJ 07642 (US). **CHEN, Cheng, T.**; 8 Colts Drive, Holmdel, NJ 07733 (US).
- (74) **MICHAELSON, Peter, L.**; Michaelson & Wallace, Parkway 109 Office Center, 328 Newman Springs Road, P.O. Box 8489, Red Bank, NJ 07701 (US).
- (81) AU CN JP KR NZ.
-
- (11) **WO 98/51121** (13) A1 (21) PCT/GB98/01251 (22) **29 Apr/avr 1998 (29.04.1998)**
- (25) en (26) en (31) 9709109.4 (32) **2 May/mai 1997** (33) GB (02.05.1997)

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04R 1/28**

- (54) ● LOUDSPEAKER SYSTEMS
● SYSTEMES HAUT-PARLEUR

(71) **B & W LOUDSPEAKERS LIMITED** [GB/GB]; Meadow Road, Worthing BN11 2RX (GB).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **NEVILL, Stuart, Michael** [GB/GB]; 252 Bellegrove Road, Welling, Kent DA16 3RT (GB).

(74) **NETTLETON, John, Victor** et al. / etc.; Abel & Imray, Northumberland House, 303-306 High Holborn, London WC1V 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 98/51122** (13) A1

(21) PCT/US98/06715

(22) **3 Apr/avr 1998 (03.04.1998)**

(25) en (26) en

(31) 08/848,393 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04R 1/30, 1/22, H04M 1/03**

- (54) ● HORN LOADED MICROPHONE WITH HELMHOLTZ RESONATOR ATTENUATOR
● MICROPHONE A PAVILLON A AFFAIBLISSEUR RESONATEUR DE HELMHOLTZ

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **RABE, Karl, W.**; 2A Woodbridge Drive, Chapel Hill, NC 27516 (US).

(74) **SPOONER, Stanley, C.**; 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).

(11) **WO 98/51123** (13) A1

(21) PCT/US98/09408

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 08/853,084 (32) **8 May/mai 1997 (08.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04R 23/00**

(54) ● SOUND TRANSDUCER AND METHOD HAVING LIGHT DETECTOR FOR DETECTING DISPLACEMENT OF TRANSDUCER DIAPHRAGM

- TRANSDUCTEUR SONORE AVEC DETECTEUR DE LUMIERE POUVANT DETECTER LE DEPLACEMENT DU DIAPHRAGME DUDIT TRANSDUCTEUR

(71) **ERICSSON INC.** [US/US]; 7001 Development Drive, P.O. Box 13969, Research Triangle Park, NC 27709 (US).

(72) **RABE, Karl, W.**; 2A Woodbridge Drive, Chapel Hill, NC 27516 (US).

(74) **BACON, Jeffery, E.** et al. / etc.; Jenkins & 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).

Published / Publiée : (c)

(11) **WO 98/51124** (13) A1

(21) PCT/US98/06460

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

(25) en (26) en

(31) 08/850,537 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04R 25/00**

- (54) ● INTEGRATED HEARING AID FOR TELECOMMUNICATIONS DEVICES

- PROTHESE AUDITIVE INTEGREEE POUR DES DISPOSITIFS DE TELECOMMUNICATIONS

(71) **SIEMENS BUSINESS COMMUNICATION SYSTEMS, INC.** [US/US]; 4900 Old Ironsides Drive, Santa Clara, CA 95052 (US).

(72) **BERGER, H., Stephen**; 140 River Road, Georgetown, TX 78628 (US). **GILMORE, Dillard**; 2006 Carriage Park Lane, Austin, TX 78727 (US). **FAZIO, Joseph, D.**; 7 Toad Lane, Ringoes, NJ 08551 (US). **CHOJAR, Sunil**; 46 Molasses Hill Road, Lebanon, NJ 08833 (US).

(74) **SMITH, Darryl, A.** et al. / etc.; Siemens Corporation, Intellectual Property Dept., 186 Wood Avenue South, Iselin, NJ 08830 (US).

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

(11) **WO 98/51125** (13) A1

(21) PCT/US98/09103

(22) **4 May/mai 1998 (04.05.1998)**

(25) en (26) en

(31) 08/850,670 (32) **2 May/mai 1997 (02.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04R 25/00**

- (54) ● EARMOLD AND CASING FOR A FLEXIBLE HEARING AID

- EMBOUT AURICULAIRE ET ETUI POUR PROTHESE AUDITIVE FLEXIBLE

(71) **SARNOFF CORPORATION** [US/US]; 201 Washington Road, CN 5300, Princeton, NJ 08543 (US).

(72) **ACETI, John, G.**; 7 Monroe Drive, Cranbury, NJ 08512 (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).

(11) **WO 98/51126** (13) A1

(21) PCT/SG97/00020

(22) **8 May/mai 1997 (08.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H04S 1/00**

- (54) ● METHOD AND APPARATUS FOR FREQUENCY-DOMAIN DOWNMIXING WITH BLOCK-SWITCH FORCING FOR AUDIO DECODING FUNCTIONS

- PROCEDE ET APPAREIL D'ABAISSEMENT DU DOMAINE FREQUENTIEL A FORCAGE DE COMMUTATION DE BLOCS POUR FONCTIONS DE DECODAGE AUDIO

(71) **SGS-THOMSON MICROELECTRONICS ASIA PACIFIC (PTE) LTD.** [SG/SG]; 28 Ang Mo Kio Industrial Park 2, Singapore 569508 (SG).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ALVAREZ-TINOCO, Antonio, Mario** [GB/SG]; 32 Toh Tuck Road #03-01, Singapore 596710 (SG). **GEORGE, Sapna** [IN/SG]; Block 315, 2 Serangoon Avenue #06-220, Singapore 550315 (SG). **YANG, Haiyun** [CN/SG]; Block 506, 5 Ang Mo Kio Avenue #11-2628, Singapore 560506 (SG).

(74) **DONALDSON & BURKINSHAW**; P.O. Box 3667, Singapore 905667 (SG).

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

(11) **WO 98/51127** (13) A1

(21) PCT/US98/09261

(22) **6 May/mai 1998 (06.05.1998)**

(25) en (26) en

(31) 60/045,907 (32) **6 May/mai 1997 (06.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05B 3/26, 3/14, F27D 11/02**

- (54) ● DEPOSITED RESISTIVE COATINGS

- REVETEMENTS RESISTANTS OBTENUS PAR FORMATION D'UN DEPOT

(63) US 60/045,907 (CIP)
6 May/mai 1997 (06.05.1997)

(71) **THERMOCERAMIX, L.L.C.** [US/US]; 101 Federal Street, Boston, MA 02110 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **ABBOTT, Richard, C.** [US/US]; 68 Old Colonial Drive, Gardner, MA 01440 (US). **MAGNANT, Gary, P.** [US/US]; 49 Pigeon Hill Street, Rockport, MA 01966 (US). **COREY, George** [US/US]; 65 Harding Street, Newton, MA 02165 (US). **SANDUEN, Ole** [US/US]; 20-2 Federal Street, Salem, MA 01970 (US).

(74) **HOOVER, Thomas, 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 US UZ VN YU ZW; AP (GH GM KE LS MW SD SZ UG ZW); EA (AM AZ BY KG KZ MD RU TJ TM); EP (AT BE CH CY DE DK ES FI FR 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 98/51128** (13) A1

(21) PCT/FR98/00924

(22) **7 May/mai 1998 (07.05.1998)**

(25) fr (26) fr

(31) 97/05623 (32) **7 May/mai 1997 (07.05.1997)** (33) FR

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05B 3/74**

(54) ● **KITCHEN RANGE WITH CONTAINER DETECTION**

● **FOYER DE CUISSON A DETECTION DE LA PRESENCE D'UN RECIPIENT**

(71) **COMPAGNIE EUROPEENNE POUR L'EQUIPEMENT MENAGER - CEPEM** [FR/FR]; 18, rue du 11-October, F-45140 Saint-Jean de la Ruelle (FR).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **CORNEC, René** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil TPI/PC, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **GASPARD, Jean-Yves** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil TPI/PC, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR). **HELARY, Thierry** [FR/FR]; Thomson-CSF Propriété Intellectuelle, Dépt. Protection et Conseil TPI/PC, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

(74) **THOMSON-CSF PROPRIETE INTELLECTUELLE**; Dépt. Protection et Conseil TPI/PC, 13, avenue du Président Salvador Allende, F-94117 Arcueil Cedex (FR).

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

(11) **WO 98/51129** (13) A1

(21) PCT/CA98/00409

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

(25) en (26) en

(31) 2,204,425 (32) **2 May/mai 1997 (02.05.1997)** (33) CA

(31) 08/958,323 (32) **27 Oct/oct 1997 (27.10.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05B 7/09, 7/107**

(54) ● **ELECTRODE TYPE SÖDERBERG FOR MAKING SILICON ALLOYS AND SILICON METAL**

● **ELECTRODE DE TYPE SÖDERBERG DESTINEE A LA FABRICATION D'ALLIAGES DE SILICIUM ET DE METAUX A BASE DE SILICIUM**

(71) **SKW CANADA INC.** [CA/CA]; Suite 300, 750 boulevard Marcel-Laurin, St-Laurent, Québec H4M 2M4 (CA).

(72) **BOISVERT, René**; 6770 Parc Industriel, Ste-Gertrude, Québec G0X 2S0 (CA). **DOSTALER, Jacques**; 261 Château Dun, Cap-de-la-Madeleine, Québec G8V 1H7 (CA). **DUBOIS, Jacques**; 3780 Limoges, Trois-Rivières, Québec G8Y 4P8 (CA). **KSINSIK, Dieter, W.**; 1280 Sherwood Crescent, Ville Mont-Royal, Québec H3R 3C5 (CA).

(74) **ROBIC**; 55 St-Jacques, Montréal, Québec H2Y 3X2 (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 98/51130** (13) A1

(21) PCT/IB97/00496

(22) **6 May/mai 1997 (06.05.1997)**

(25) en (26) en

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05B 31/00**

(54) ● **SIMPLE EFFECTIVE ELECTRONIC BALLAST**

● **BALLAST ELECTRONIQUE SIMPLE ET EFFICACE**

(71) **NLGI ELECTRONICS LTD.** [IL/IL]; Apartment 10, Ben Gurion Boulevard 25, 78281 Ashkelon (IL).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **SAPOJNIKOV, Jakob** [IL/IL]; Apartment 15, Hahistadru Street 462, 78641 Ashkelon (IL). **POL, Izchak** [IL/IL]; Apartment 18, Arihe Street 26, 78701 Ashkelon (IL). **KHOTOVELI, Tamaz** [IL/IL]; Apartment 5, Zalman Shazar Street 22, 75700 Rishon-Lecion (IL).

(74) **NLGI ELECTRONICS LTD.**; Apartment 10, Ben Gurion Boulevard 25, 78281 Ashkelon (IL).

(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).

(11) **WO 98/51131** (13) A1

(21) PCT/JP98/01999

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

(25) ja (26) ja

(31) 9/118337 (32) **8 May/mai 1997 (08.05.1997)** (33) JP

(31) 9/315245 (32) **17 Nov/nov 1997 (17.11.1997)** (33) JP

(31) 9/315262 (32) **17 Nov/nov 1997 (17.11.1997)** (33) JP

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05B 33/14, 33/22, C09K 11/06**

(54) ● **ORGANIC ELECTROLUMINESCENT DEVICE**

● **DISPOSITIF ELECTROLUMINESCENT ORGANIQUE**

(71) **SANYO ELECTRIC CO., LTD.** [JP/JP]; 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **HAMADA, Yuji** [JP/JP]; Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **SHONO, Masayuki** [JP/JP]; Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP). **MATSUSHITA, Yasuhiko** [JP/JP]; Sanyo Electric Co., Ltd., 5-5, Keihanondori 2-chome, Moriguchi-shi, Osaka 570-8677 (JP).

(74) **MATSUKAWA, Katsuaki**; Honmachi Shinkosan Building, 5-7, Nishihonmachi 1-chome, Nishi-ku, Osaka-shi, Osaka 550-0005 (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 98/51132** (13) A1

(21) PCT/US98/00570

(22) **13 Jan/jan 1998 (13.01.1998)**

(25) en (26) en

(31) 08/852,638 (32) **7 May/mai 1997 (07.05.1997)** (33) US

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05B 37/02**

(54) ● **ELECTRONIC BALLAST WITH INVERTER PROTECTION CIRCUIT**

● **BALLAST ELECTRONIQUE A CIRCUIT DE PROTECTION D'ONDULEUR**

(71) **MOTOROLA INC.** [US/US]; 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

(72) **SODHI, Sameer**; Apartment #2, 3200 Bayside Drive, Palatine, IL 60067 (US).

(74) **CUNNINGHAM, Gary, J.** et al. / etc.; Motorola Inc., Intellectual Property Dept., 1303 East Algonquin Road, Schaumburg, IL 60196 (US).

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

(11) **WO 98/51133** (13) A2

(21) PCT/IB98/00555

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

(25) en (26) en

(31) 97201378.3 (32) **7 May/mai 1997 (07.05.1997)** (33) EP

(34) NL et al. / etc.

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05B 41/29**

(54) ● **CIRCUIT ARRANGEMENT FOR OPERATING A DISCHARGE LAMP**

● **ARRANGEMENT DE CIRCUIT DESTINE A FAIRE FONCTIONNER UNE LAMPE A DECHARGE**

- (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) **BULL, Arnold, Willem**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL). **MICHELIS, Hendricus, Franciscus, Petrus**; Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).
- (74) **EVERS, Johannes, H., M.**; Internationaal Octrooibureau B.V., P.O. Box 220, NL-5600 AE Eindhoven (NL).
- (81) CN JP; EP (AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE).

(11) **WO 98/51134** (13) A1

(21) PCT/GB98/01155

(22) **7 May/mai 1998 (07.05.1998)**

(25) en (26) en

(31) 9709075.7 (32) **7 May/mai 1997 (07.05.1997)** (33) GB

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05B 41/392, H02M 7/48**

- (54) ● GAS DISCHARGE LAMP DRIVE CIRCUITRY
● CIRCUIT D'EXCITATION D'UNE LAMPE A DECHARGE

(71, 72) **AARONS, David, John** [GB/GB]; Manor Farm, Home Farm Road, Ellingham, Bungay, Suffolk NR35 2EL (GB).

(72, 75) **MULLENGER, John** [GB/GB]; Green Farm, Wickham Skeith, Suffolk IP23 8LX (GB).

(74) **GEMMELL, Peter, Alan** 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).

(11) **WO 98/51135** (13) A1

(21) PCT/US98/08169

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

(25) en (26) en

(31) P9700994 (32) **9 May/mai 1997 (09.05.1997)** (33) ES

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05K 3/34, H01R 4/02**

- (54) ● IMPROVEMENTS IN THE MANUFACTURING PROCESSES OF SERVICE BOXES AND THEIR PARTS

- AMELIORATIONS APORTEES AUX PROCEDES DE FABRICATION DE COFFRETS DE BRANCHEMENT ET LEURS COMPOSANTS

(71) **UT AUTOMOTIVE DEARBORN, INC.** [US/US]; 5200 Auto Club Drive, Dearborn, MI 48126-2659 (US).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **PITEL, Jose Antonio Cubero** [ES/ES]; Calle Marques de Vallgomeria, 3º, 4art, 3ª, E-43800 Vallas (ES).

(74) **OLDS, Theodore, W.** et al. / etc.; Howard & Howard Attorneys, P.C., Suite 101, 1400 North Woodward Avenue, Bloomfield Hills, MI 48304 (US).

(81) BR CA CN JP KR MX RU US.

(11) **WO 98/51136** (13) A1

(21) PCT/DE98/00336

(22) **6 Feb/fév 1998 (06.02.1998)**

(25) de (26) de

(31) 197 19 235.1 (32) **7 May/mai 1997 (07.05.1997)** (33) DE

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05K 3/36, 1/14**

- (54) ● METHOD FOR METALLIZING AT LEAST ONE PRINTED CIRCUIT BOARD OR AT LEAST ONE PRESSED SCREEN AND AT LEAST ONE HYBRID

- PROCEDE DE METALLISATION D'AU MOINS UNE PLAQUETTE A CIRCUIT IMPRIME OU D'AU MOINS UN GRILLAGE ESTAMPE ET D'AU MOINS UN HYBRIDE

(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) **WIESA, Thomas** [DE/DE]; Im Hörmler 26, D-71665 Vaihingen (DE).

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

(11) **WO 98/51137** (13) A1

(21) PCT/FI98/00374

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

(25) fi (26) en

(31) 971881 (32) **2 May/mai 1997 (02.05.1997)** (33) FI

(43) 12 Nov/nov 1998 (12.11.1998)

(51)⁶ **H05K 7/20**

- (54) ● METHOD FOR MOUNTING A COOLING ELEMENT ON AN APPARATUS AND SUCH A COOLING ELEMENT

- PROCEDE DE MONTAGE D'UN ELEMENT DE REFROIDISSEMENT SUR UN APPAREIL, ET ELEMENT DE REFROIDISSEMENT

(71) **NOKIA TELECOMMUNICATIONS OY** [FI/FI]; P.O. Box 300, FIN-00045 Nokia Group (FI).
(for all designated States except / pour tous les États désignés sauf US)

(72, 75) **BAARMAN, Gösta** [FI/FI]; FIN-02570 Siuntio (FI). **TUOMAINEN, Tapio** [FI/FI]; Saarnikujja 10, FIN-08700 Virkkala (FI). **PELKONEN, Seppo** [FI/FI]; Sahatie 12 B 34, FIN-01650 Vantaa (FI).

(74) **BERGGREN OY AB**; P.O. Box 16, 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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